Water accounting at the basin scale: water use and supply (2000-2010) in the Segura River Basin using the SEEA framework

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Table of contents

Tables

Figures

Acronyms

ASSET. Accounting System for the SEgura river and Transfers
CHS. Segura River Basin Authority (Confederación Hidrográfica del Segura).
EEA. European Environment Agency.
ESAMUR. Murcia's Regional Agency for Wastewater Treatment.
GIWR. Gross Irrigation Water Requirements.
Hab. Habitant (it refers to permanent population).
Heq. Equivalent habitant (it includes permanent population and temporary residents in private householdings).
INE. Spanish-National Institute of Statistics.
IPH. Spanish Hydrological Management Instruction.
IWTP. Industrial Wasteswater Management Plant.
MAGRAMA. Spanish Ministry of Agriculture, Food and Environment.
MCT. Mancomunidad de los Canales del Taibilla.
NIWR. Net Irrigation Water Requirements.
REWMU. Representative Elementary Watershed Management Unit.
SEEA-Water. System of Environmental-Economic Accounting for Water.
SIA. Spanish-Integrated System for Water.
SRB. Segura River Basin.
SRBMP. Segura River Basin Management Plan.
TTS. Tajo-Segura interbasin aqueduct.
UNSD. United Nations Statistics Division.
WTP. Wastewater Management Plant.

Summary

Many European countries are affected by the consequences of water scarcity, droughts and land degradation caused by water resources over-exploitation. Negative impacts driven by water resources over-exploitation may be exacerbated in the medium and long term by population growth and climate change. Semiarid coastal regions, as the Southeastern of Spain in which the Segura River Basin is located, are expected to be more affected than others.

Currently, there is broad consensus that urgent action is needed to promote water savings, information exchange and best practices on water scarcity and drought risk management. The majority of measures applied so far by the Member States of the EU target pressures, state and impacts and only very few measures target key drivers. In this context, the European Commission decided to support various preparatory actions and pilots on the development of prevention activities to halt desertification in Europe.

ASSET (*Accounting System for the SEgura river and Transfers*) is one of these pilot projects which aims to assess and quantify the interactions between the economy and the hydrological system and the patterns of water availability, use and consumption by different users and economic sectors in the Segura River Basin. All relevant data were collected and presented according to the System of Environmental-Economic Accounting for Water (SEEA-Water), a standardized framework developed by the United Nations and that is being promoted for adoption by all countries through their National Accounting Systems.

Within the ASSET project (http://www.assetwater.eu/), the SEEA-Water accounting framework was successfully applied to the Segura River Basin (SRB), together with the project partners Universidad Politécnica de Cartagena, The Segura River Basin Authority and SAMUI. FutureWater worked principally on the Physical Supply and Use Tables, developed Sankey diagrams and analyzed water management indicators under current and future conditions at the sub-basin scale and for the 2000-2010 period. A large number of databases and sources of information were accessed and used, and indirect methods were implemented when data was lacking or not accessible through public agencies. Results from this study were contrasted with the River Basin Management Plan and analyzed in collaboration with the Segura River Basin Authority.

The average per capita density of renewable resources was shown to be highly spatially variable, ranging from more than 1100 in the headwater sectors to less than 500 m^3/person.year in the coastal regions. The region shows a relatively high reliance on water inflows from interbasin transfers: on average 30% of the total resources were external. Also non-conventional sources of water (desalinization and reclaimed wastewaters) are gaining importance in this area. Overall, the basin shows Water Exploitation Indices close to 1 or higher, up to 1.4, in the drier and coastal areas. The abstraction of non-renewable groundwater is in the range of 225-250 hm^3/year at the basin level. Future scenarios of climate change and population growth will reduce the percentage of water met with renewable resources by 10-12% (~100 hm^3/year). This additional pressure on non-renewable resources of 40-50 hm^3/year may be absorbed by the adoption of the planned measures in the River Basin Management Plan that focus on the reduction of leakages and the inclusion of new non-conventional resources.

1 Introduction

1.1 **Background**

During the last part of the twentieth century the impact of human development on the environment and water resources has become particularly noticeable (Arrow et al., 1995; Jackson et al., 2001). The growing concern on how economies impact and manage their natural resources has been the basis for the development of environmental accounting systems (SEAs) which aim to reach more sustainable societies (Bebbington and Larrinaga, 2014; Parker, 2005). The implementation of SEAs requires coordinated collection and reporting of socioeconomic and environmental data under a common framework and allows the comparison of sustainable development trajectories among regions. Comparability issues in environmental accounting is one of the major topics developed in this field in the last years (Parker, 2011).

The first attempts on environmental accounting of water realized at the European level were led by the European Environment Agency (EEA, 2013) in 2001. A working group created in 2003 by the Statistical Programme Committee of the EU aimed to develop the European strategy for environmental accounting. From these initiatives, EU member countries started to collect environmental information for complementing the macroeconomic data frequently reported through the national asset accounts (SNA). At present, the implementation of water accounts is still not mandatory at European level. However, and under the requirement of the Eurostat working group on water accounting, several national statistical institutes in Europe, including Spain, have started to collect and report critical information in this regard.

Since its inception, the work of the EEA have been focused on the adaptation and integration of the UN's SEEA-Water framework (UN, 2012) to the European reality in an attempt to quantify the physical water balances, the water assets dynamics (e.g. groundwater vs surface water vs. soil water resources) and the interlinks among the different elements of the environment (eg. lakes, rivers, reservoirs, aquifers). Special attention is paid by the EEA to:

• Spatial resolution: Instead of setting water accounts at the country level, the EEA urges to establish them at the level of the water districts and basins defined under the Water Framework Directive 2000/60/EC and the river basin management plans.

• Temporal resolution: Instead of setting water accounts on an annual basis, the EEA suggests to adopt a monthly basis in order to capture the seasonal pressure trends of the economy on the water environment.

One of the main challenges in water accounting is related to the data collection process. In general, the water accounting process is a very demanding exercise in time and resources which commonly faces with the lack of data and the existence of important qualitative gaps previously unnoticed. Sometimes it is advisable to use satellite data, and remote sensing and hydrological modeling techniques to fill information gaps and to estimate figures. In this regard, it is noteworthy the recently launched analytical Water Accounting Plus (WA+) framework, supported by UNESCO-IHE, The International Water Management Institute (IWMI) and FAO which draws on open-access data from earth observation measurements, hydrological modelling and global GIS datasets of specific water and environmental parameters (www.wateraccounting.org).

During the last two years, several pilot projects have been sponsored by the Directorate General Environment of the European Commission which aim to assess the strengths and weaknesses which emerge from implementation of SEEA-Water framework at the basin level, and to identify the methodological and operational procedures that may be adopted to improve the implementation process in drought-prone regions of Europe. The work presented here is part of the ASSET (Accounting System for the SEgura river and Transfers) pilot project. More information on the general structure of the project and its general and specific objectives can be found at http://assetwater.eu.

1.2 Objective of this study

The main objective of this study is to evaluate the usefulness of the SEAA-Water framework in a drought-prone region as a tool for analysing the patterns of water use and supply at the basin scale, under different water availability conditions and future scenarios. Two specific questions guide this analysis:

- What are the spatial, temporal and sectorial patterns of water use and supply in the Segura River Basin, and how do drought periods affect the water flows between the environment and the economy?
- What is the impact of selected drought adaptation measures on water-dependent economic and environmental services?

The first question will be addressed by implementing the SEEA-Water framework, and computing and analysing a set of use-to-availability water indicators over a 10-year period. The second one will quantify the impact of future scenarios of water shortage and management strategies.

2 The SEEA-Water framework

2.1 General concepts

The System of Environmental-Economic Accounting for Water, hereafter SEEA-Water, is a standard methodology proposed by the UN Statistics Division (UNSD) in collaboration with the London Group on Environmental Accounting which provides an harmonized guide for the integration of hydrological and economic information in support of integrated water resources management (UN, 2012). This 'satellite' accounting system incorporates the guidelines and directives set up by the SEEA (UN et al., 2014) which is, at the same time, fully integrated within the System of National Account (SNA) framework – 2008 (EC et al., 2009). SEEA-Water has been proposed in the International Conference on Water Accounting for Integrated Water Resources Management held in Voorburg (Netherlands) in May 2006 as the international standard for water statistics.

The overall aim of the SEEA-Water framework is to harmonize economic-hydrological data under a common framework and to allow the comparison of statistics and performance ratios across areas and over time. It should provide policymakers with (a) indicators and descriptive statistics to monitor the interaction between the environment and the economy, and the

progress being made towards meeting environment goals; and (b) an organized database for strategic planning and policy analysis in order to identify more sustainable development paths and the appropriate policy instruments for achieving these paths (UN, 2012). In Europe, the first attempts to implement a water accounting system were initially fostered by the European Environment Agency with the support of the Eurostat (EEA, 2013; Weber, 2007).

The core of SEEA-Water relies on a set of standard tables which collect the minimum data that all countries or regional governments are encouraged to compile after adopting harmonized concepts, definitions and classifications. Supplementary tables are also suggested in order to provide other data strongly relevant for the making decision process. To quantify the interactions between the economy and the environment, SEEA-Water defines a reference geographical domain from which the economic and environment systems are considered separately. The economic system is integrated by all these productive and social activities which are directly or indirectly related with the use of any type of water, while the environment system is composed by those environmental compartments (inland surface water bodies as rivers, lakes or wetlands, the soil, and aquifers) in which water is flowing or is stored. SEEA-Water aims to quantify the water stocks and fluxes of water for a time reference period, and also in which degree economic activities use water as an input for the production of materials or as a sink for their wastes. Figure 1 shows the conceptual scheme proposed in the SEEA-Water framework for quantifying the main fluxes of water in a spatial/time reference domain and the interactions accounted between the economy and the environment.

SEEA-Water defines for the environment and economy systems several components (Table 1) and quantifies how water flows among them. Economic activities are grouped into 6 classes according the International Standard Industrial Classification Rev. 4 (UN, 2008) and a last one that includes households. By the other hand, the primary sources of water from the environment are the surface inland system, the water stored in the first layers of the soil, the groundwater reservoirs, and the sea.

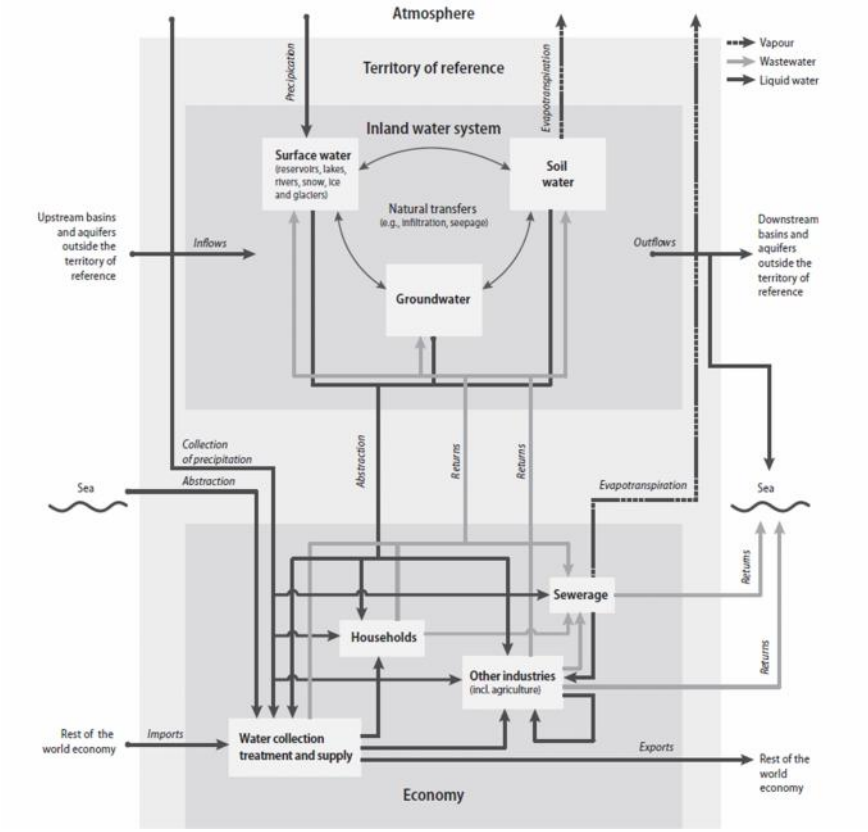

Figure 1. SEEA-Water conceptual scheme in which the main interactions and water fluxes between the economy and the environment are shown (taken from UN (2012)**)**

Table 1. Economic and environmental components in the SEEA-Water framework.

Item	Descriptions
Economic items (groups of activity and users)	
Agriculture, livestock, and forestry	This includes irrigated agriculture, rainfed agriculture and forestry.
Mining, manufacturing and construction activities	All activities which involve the extraction and processing of minerals, rocks or raw materials resulting from other industrial activities.
Electricity, gas and steam generation and supply	Activities involving the generation or distribution of electricity and gas, among others. It includes thermal- and hydro- power generation.
Water collection, purification and distribution of water	All those economic activities involved directly in the collection, purification (also the desalinization of seawater) and distribution of water for meeting domestic and primary and industrial activities.
Sewage disposal and treatment, reclaimed water distribution	All the activities related with the operation of wastewater systems and treatment plants, and the generation of reclaimed waters for being in agriculture, industrial activities or urban services (e.g. irrigation of parks and gardens, or cleaning of streets).
Waste collection and treatment, remediation activities, and tourist and urban services	Remediation of pollution, tourist lodging (hotel, hostels and campings) and recreational activities, and urban services (irrigation of gardens, cleaning of infrastructures).
Household	Use and consumption of water by permanent and temporal population.
Environmental items (water bodies in the environment)	
Surface water bodies	Artificial reservoirs and lagoons, lakes and rivers, wetlands, and snow/ice/glacier stocks.
Groundwater bodies	Shallow and deep aquifers.
Soil water	It refers to the water stored in the soil domain from rainfall or irrigated returns, or from water leakages accounted along distribution networks. Rainfed agriculture and forestry activities consume most of their water requirements from this storage.
Seawater	In coastal areas, water from the sea is abstracted for refrigeration of electricity-gas power and refinery plants, and for being desalinized and consumed by households and other services.

Standard tables in SEEA-Water provide information regarding two types of accounts: the (i) flow and the (ii) asset accounts. The intent of asset accounts is to record the opening and closing stock of the hydrological assets and the different types of changes in the stock over the month or year. This should allow to assess whether current patterns of economic activity are depleting or degrading the available water resources. Information from asset accounts can be used to assist in water resources management and economic valuations.

Flow accounts report on how the water resource contributes to the economy, how the economy depends on this resource, and how the economy exerts a pressure on the environment in terms of abstractions or discharges. Overall, data useful for the flow accounts are collected into three type of tables:

A. Physical Supply and Use tables (PSUTs) which quantify how much water is abstracted/delivered from/to the environment by the economy, and how water is interchanged with economic activities and households;
B. Emission account tables which collect data on the quantity of pollutants that industries and households add to the wastewaters which are finally discharged to the environment, and;
C. Hybrid and economic account tables which integrates information from PSUTs and the monetary and economic transactions accounted in the economy (UN, 2012).

This report summarizes all data collection for and analysis data based on the Physical Use and Supply tables.

2.2 **Physical Supply and Use Tables**

According to the SEEA-Water framework, data in the Physical Supply and Use tables (PSUTs) are organized into three tables:

a) the physical use table,
b) the physical supply table, and
c) the interchange matrix table which accounts the flows of water accounted inside the economy system (Figure 3).

All flows in tables are presented in physical units and according to the groups of activity defined in Table 1. Crucial in the SEEA-Water framework is the distinction that is made between the group of activities commissioned with the provision of water (W-supply sector), and those ones more focused on the collection, treatment and reclaim of wastewaters (W-sanitation sector).

Water use is the total of water that an economic activity intakes from the environment or from other economic activity. *Water supply* refers to the total outflows that an economic activity generates, which includes the water that is supplied to another economic activity plus that is lost until the water is actually received by the end-user. It is important to note that in SEEA-Water all leakages accounted along the distribution networks are attributed to the economic activity which provides the water. The concept of *water consumption* is kept for the water actually lost during an economic activity by adding it into an end product, or by evaporation (water vapour) or transpiration (water lost the atmosphere due to physiological requirements of plants).

To illustrate the definitions of water use and supply in SEEA-Water Figure 2 shows two simplified schemes. The conceptual model in Figure 2A includes two demand nodes in which the water-supply node abstracts water from the environment and provides it to the agriculture node. Because the water-supply node is a non-consumptive activity, the total of water used equals the sum of the leakages of water accounted along the conveyance system (*dist. losses*$_{w\text{-}suuply}$) plus the water effectively supplied to the agriculture demand node (*supply*$_{w\text{-}supply}$). At the same time, the agriculture node abstracts also water from the environment, being the total of water used by it the sum of the water consumed as evapotranspiration (*consumption*$_{agr}$) plus the on-farm leakages taken at the plot scale (*leakages*$_{agr}$). Both, distribution losses from the water-supply node and the on-farm leakages from the agriculture node constitute the total flows that the economy system returns to the environment. In the model schematized in Figure 2B, an industry node is supplied with water from a water-supplier which directly abstracts water from the environment. In this case, the industry node consumes water but also generates

wastewaters to a water-sanitation node which treats them. Finally a fraction of the reclaimed waters from the water-sanitation node are again returned to the industry node, being the remaining discharged to the environment.

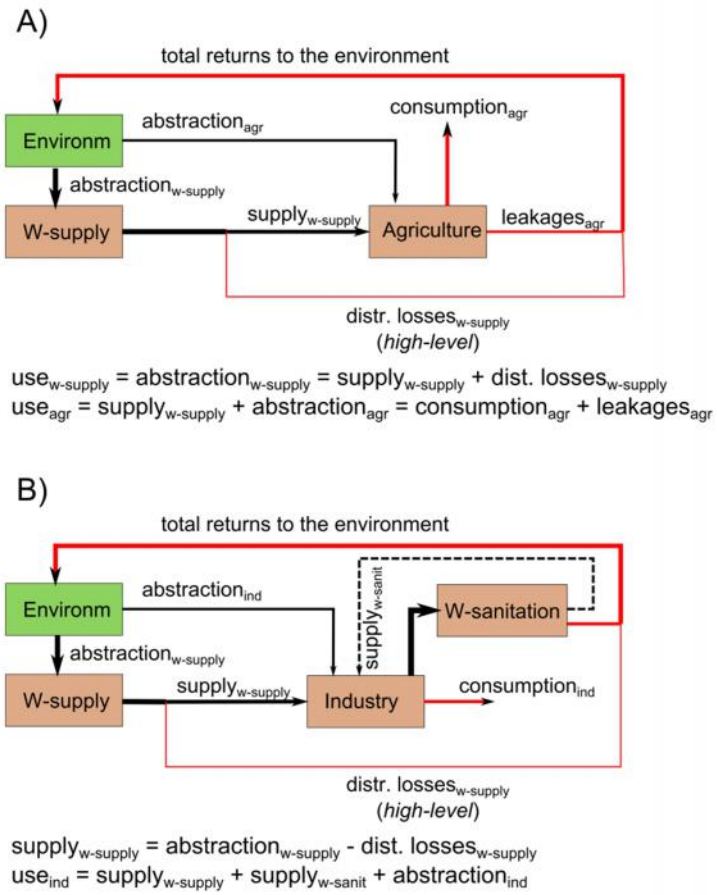

Figure 2. Simplified conceptual schemes for illustrating SEEA-Water concepts.

For the flows related to the environment, the PSUTs inform on the final use (irrigation, mining, distribution, etc) of the water and the origin (surface, groundwater, soil water, etc). For the flows within the economy, PSUTs report on the type and source of water (reused/wasterwater, desalinated, etc).

Special attention needs to be paid to the concept of soil water. This term refers to the water stored in the root zone of the soil and that can be released to the atmosphere by evapotranpiration. It excludes water supplied to the soil from irrigation. Others have coined this water stock "green water" (Hoekstra et al., 2011). Also for irrigated agriculture, “soil water” can be a very significant component of the water accounts, next to irrigation water.

To deal with the particularities of the study basin that includes an important interbasin water transfer, , a few additional items have been added to the original tables (red items in Figure 3). With the inclusion of these new items the comprehension and the tractability of the water fluxes is improved and the balance closure can be verified easier for this basin.

A. Physical use table (physical units)		Industries (by ISIC category)							Households	From other reference units	TOTAL
		Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)										
From the environment	1.a. Abstraction for own use										
	Hydroelectric power generation										
	Irrigation water										
	Mine water										
	Urban runoff										
	Cooling water										
	Other (livestock, aquaculture, ...)										
	1.b. Abstraction for distribution										
	1.i. Abstraction from inland water resources:										
	1.i.1. Surface water										
	1.i.2. Groundwater										
	1.i.3. Soil Water										
	1.ii. Abstraction from other sources										
	1.ii.1. Collection of precipitation										
	1.ii.2. Abstraction from the sea										
Within the economy	**2. Use of water received from other economic units**										
	2.a. Reused water (from W-sanitation)										
	2.b. Wastewater to sewerage										
	2.c. Desalinated water (from W-Supply)										
	2.d. from "W-Supply" (sww)										
	2.e. from "W-Supply" (gww)										
	2.f. from "W-Supply" (water transfers)										
	2.g. from water transfer cannals and aqueducts (tts)										
	3. Total use of water (= 1 + 2)										

B. Physical supply table (physical units)		Industries (by ISIC category)							Households	From other reference units	TOTAL
		Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	4. Supply of water to other economic units of which:										
	4.i. goes to Agriculture										
	4.ii. goes to Manufacture Industry										
Within the economy	**4.iV. goes to Services**										
	4.V. goes to Households										
	4.a. Reused water										
	4.b. Wastewater to sewerage										
	4.c. Desalinated water										
	5. Total returns (= 5.a + 5.b)										
	Hydroelectric power generation										
	Irrigation water										
	Mine water										
	Urban runoff										
	Cooling water										
Into the environment	*Losses in distribution because of leakages*										
	Treated wastewater										
	Other										
	5.a. To inland water resources										
	5.a.1. Surface water										
	5.a.2. Groundwater										
	5.a.3. Soil water										
	5.b. To other sources (e.g., sea water)										
	6. Total supply of water (= 4 + 5)										
	7. Water consumption (= 3 - 6) of which										
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries (by ISIC category)							Households	From other reference units	Total
		Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
Industries (by ISIC categories)	Agriculture 1-3										
	Industry 5-33/41-43										
	Energy 35										
	W-Supply 36										
	W-Sanitation 37										
	Services 38,39/45-99										
	Total										
Households											
From other reference units											
TOTAL											

Figure 3. Extended PSUTs in the SEEA-Water framework. Original version have been adapted in this study to facilitate the tractability of the fluxes among the economic units.

3 Material and Methods

3.1 **Study area**

3.1.1 General setting

The Segura River Basin (SRB) is located in the semiarid SE corner of the Iberian Peninsula. It covers an area of 18.930 km^2 and spread over four regional administrative units (Región de Murcia, Castilla-La Mancha, Comunidad Valenciana, and Andalucía). Average precipitation in the region ranges from 1000 mm/year in the headwater sections to 300 mm/year in the driest lowlands, while potential evapotranspiration averages 1500 mm/year. Extreme rainfall events associated to convective storms, which are common after the dry season, can reach values up to 100-300 mm/day according to historical records.

The river network is comprised by 1553 km of permanent and intermittent streams (Figure 4). At the headwaters, the Segura and Mundo rivers contribute most resources to the system (391 and 167 hm^3/year, respectively) which accounts 68% of the total resources available in the region. Downstream of the Segura-Mundo confluence, other right-side tributaries (Moratalla, Argos, Quípar, Mula and Guadalentín) provide between 10 and 40 hm^3/year up to reach a total of 105 hm^3/year (13% of the surficial resources). The left-side tributaries have an intermittent flow regime and provide discharge only after very intense rainfall events (CHS, 2007a). Overall, the SRB is considered one of the most water-stressed regions in the Mediterranean basin.

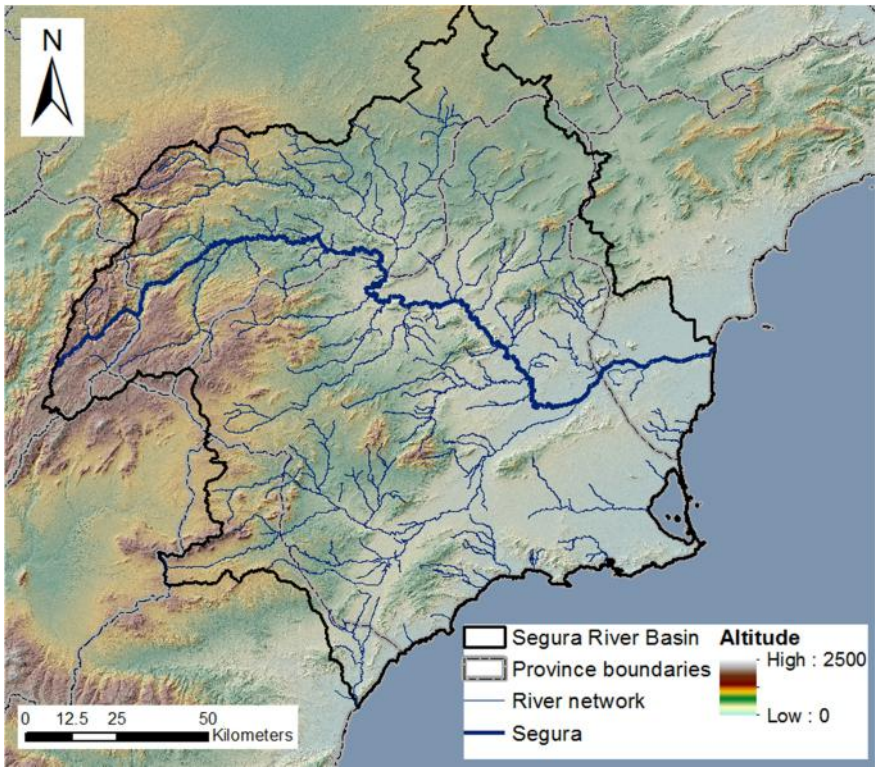

Figure 4. Location map of the Segura River Basin.

Regarding the sectorial structure of the economy, the service sector provides by far most of the Gross Value Added accounted in the region (70% of the total GVA in 2009), followed by the manufacturing sector (12%), construction (10%), agriculture (5%) and the energy sector (3%) (data reported by INFO at https://www.institutofomentomurcia.es/).

3.1.2 Governance and infrastructure

As in other Mediterranean basins, the management of water in the Segura River Basin follows an intricate scheme in which several institutions exert some influence in the management chain and decision-making process. This poses a challenge to the data collection and implementation of a water accounting framework.

At the high-level, water in the SRB is managed by two large public institutions: the Mancomunidad de Canales del Taibilla (MCT) and Confederación Hidrográfica del Guadalquivir (CHS). MCT, which is the oldest public water management institution in Spain, deals with the distribution and provision of water to most of the municipalities of the basin (only some of those located in the headwater are not supplied). More than one half of the water managed by MCT comes from the interbasin Tagus-Segura aqueduct (56% in average during the 2000-2010), followed by in-basin surficial water resources (22%) and groundwater (12%). Desalinized water managed by the MCT started to be supplied to the system at 2005, reaching a relative contribution to the global system up to 24% in 2008 (Figure 6). After receiving their quotes of water, some municipalities can provide the low-level distribution to private water companies which finally supply the water to households and those industrial activities connected to the urban distribution network.

CHS is the River Basin Water Authority and has most of the competences in water management in the basin (management, policy, control, etc.). CHS is in charge of most of the large water infraestructures (dams, cannals) in the region, and manages distribution of the water inflows received from the Tagus-Segura and Negratín interbasin aqueducts. Both water sources, are distributed among the different irrigation districts and demand nodes through a network of post-aqueduct cannals (Figure 5).

Most of the data available from both institutions, especially those related with the total volumes of water managed and distributed inside the system, were collected from data provided by the institutions themselves, and annual management reports.

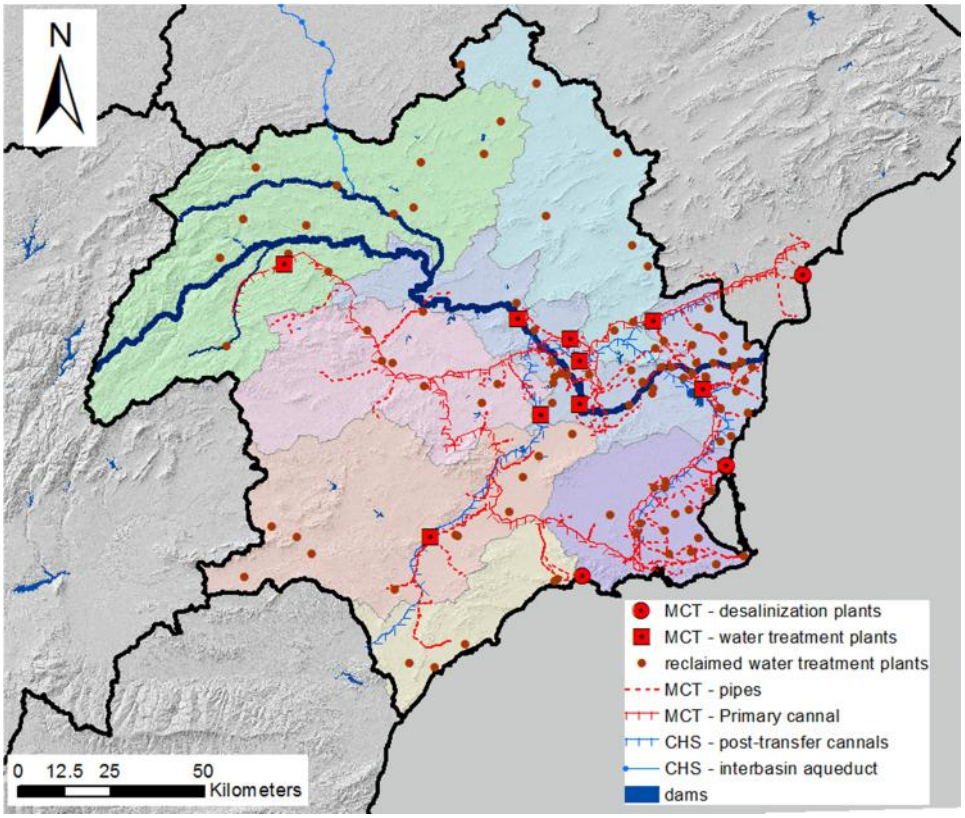

Figure 5. Primary water infraestructures in the Segura River Basin managed by the MCT (in red) and CHS (in blue).

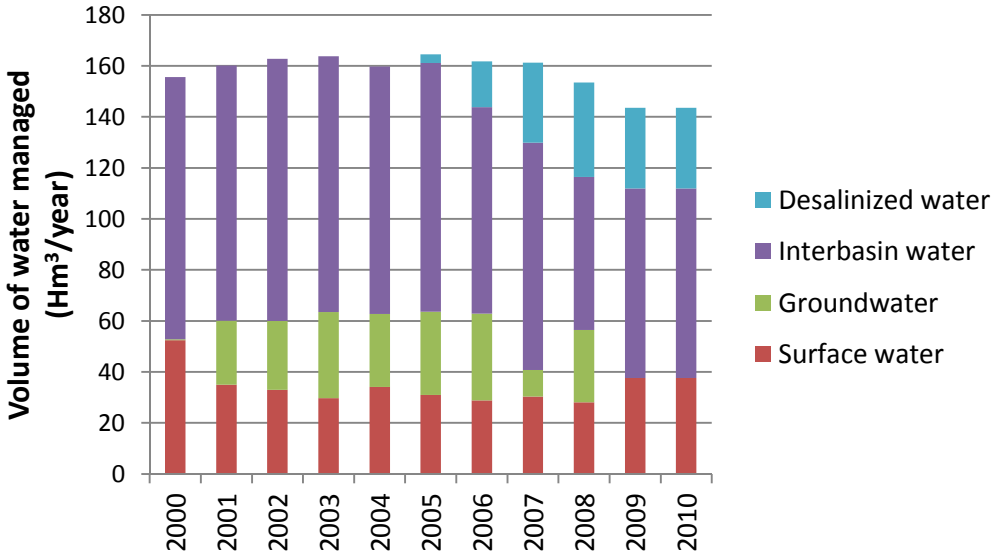

Figure 6. Total of water managed by MCT inside the Segura River Basin according to its origin nature (data extracted from MCT's annual reports).

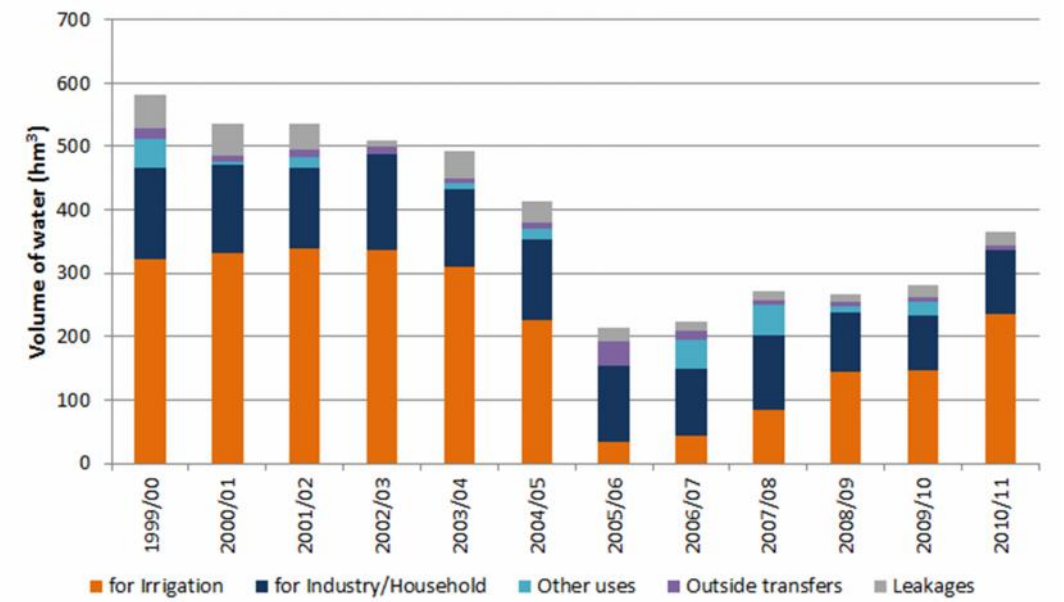

Figure 7. Volume of water received in the basin from the interbasin Tajo-Segura aqueduct and sectorial use. Data shown for hydrological years (from October to September)

3.1.3 Definition of spatial units

To implement the SEEA-Water framework in the SRB, ASSET adopts the sub-basin scale as the spatial reference domain in an attempt to capture the strong socio-economic and biophysical heterogeneities typically observed in Mediterranean environments. Taking as start point the highest resolution of the ECRINS dataset (EEA, 2012), and a multi-criteria decision analysis based on physiographic, functional management and expert knowledge items, the SRB was divided into seven Representative Elementary Watershed Management Units (REWMUs). For each of these units, the accounting tables were generated for all accounting periods (Figure 8).

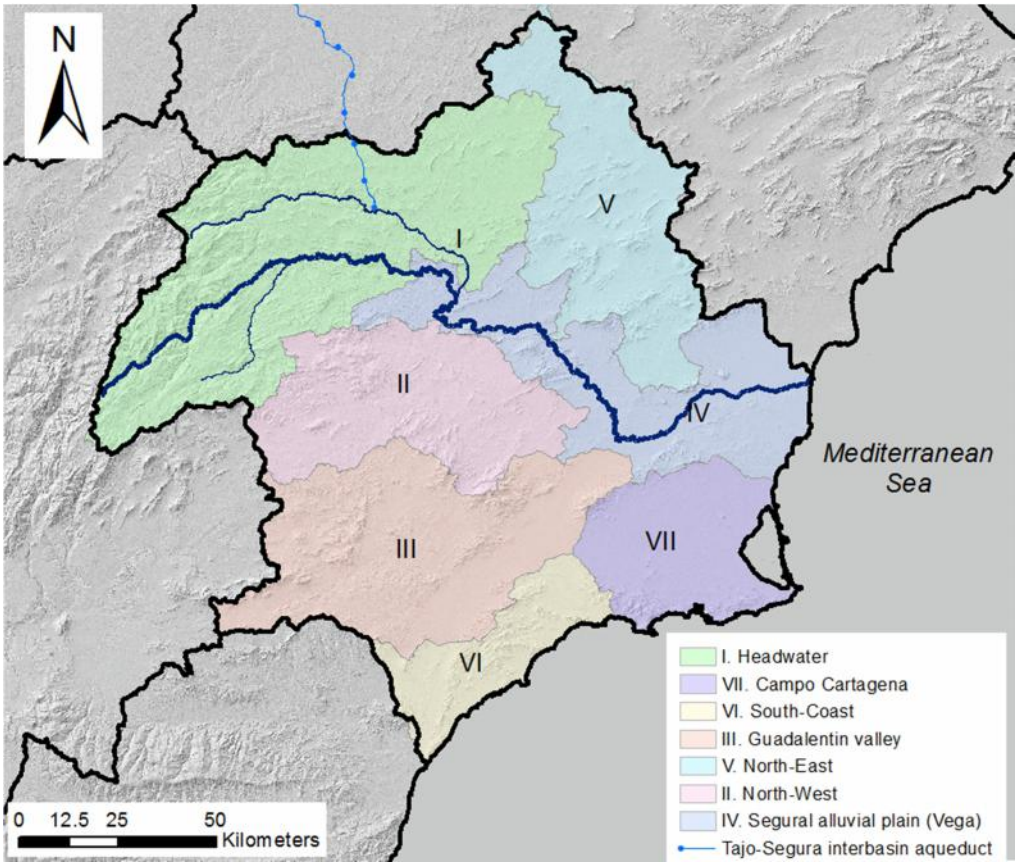

Figure 8. . Representative Elementary Watershed Management Units (REWMUs) defined in the Segura River Basin.

3.2 Data collection and processing

Implementing the SEEA-Water framework concerns a major challenge in terms of data collection and harmonization. It requires a common language between economists and water managers, the existence or accessibility to critical data, or the different methodological procedures that can be adopted to settle the lack of data (Dimova et al., 2014).

In the following subsections are provided detailed descriptions of the main sources of data looked up and the methodologies employed to retrieve the figures required in the PSUTs for each group of activity. Fact sheets summarizing the main issues per group of acticvity have been additionally included as annexes at the end of this report (see Annex 1).

3.2.1 Agriculture, forestry and fishering

In this group of activities, most efforts were put in obtaining data for the agriculture sector as it represents more than 85% of the total water used in the basin. Forestry and fishering activities are almost negligible in terms of their water use and consumption.

Crops consume water directly from the local rainfall effectively stored in the soil (soil water), or from that which is provided through irrigation practices once conveyance (off-farm) losses and on-farm losses and plot leakages at the field scale are discounted.

In ASSET, the total of water used by agriculture is estimated as:

$$use.agr = use.agr.soil + \frac{NIWR}{ed * ea} \qquad \textbf{Equation 1}$$

where, *use.agr.soil* is the soil water used by crops (i.e. the effective precipitation according to FAO), NIWR is the *Net Irrigation Water Requirements* of crops, and *ed* and *ea* are the on-farm distribution and field application efficiencies, respectively.

3.2.1.1 Net Irrigation Water Requirements estimation

NIWR values in the SRB were annually computed at the municipal level using: a) the official statistics of acreage per crop type provided by the regional governments and the national ESYRCE dataset, and b) the rates of water requirements by crop (CWR) described in the Spanish Hydrological Planning Instruction -IPH- (MAGRAMA, 2008) and in the SRBMP (CHS, 2014a). In a previous work made by the CHS, CWR values in the IPH were adjusted for 63 Agricultural Demand Units (ADU) according the regional precipitation trend observed in the region. In this study, adjusted CWR rates provided by CHS and reported in the SRBMP (Table 1Table 2) were finally scaled up to municipal level according to the relative contribution of each crop type to the total irrigated area at each municipality.

NIWR values at the municipal level are finally computed as:

$$NIWR = \sum \left(S_i * CWR_i \right) \qquad \textbf{Equation 2}$$

where, S_i is the acreage of crop i reported in the regional statistics (ha), and CWR_i is the weight-averaged water requirement (m^3/ha) estimated at the municipal level.

Table 2. Crop Water Requirements (CWR) and acreage of crops at 2009 in the SRB. The CWR values correspond to the median value extracted from the weight-averaged municipal statistics.

Group and types of crops	CWR (m^3/ha)	Sup_2009 (ha)
Cereals		
Rice	8600	524
Winter cereals (e.g. wheat)	2170	14,092
Spring cereals (e.g. maize)	4710	704
Forage crops		
Lucerne	8460	1,752
Other forage crops	2470	432
Industrial crops		
Cotton	5600	51
Vegetables oils	4360	250
Vegetables	5050	64,400
Legumes	2500	288
Tubers	3720	3,704
Flowers and ornamental plants	5500	422
Fruit trees		
Almond	2200	12,774
Citrus	5180	74,524
Other fruit trees	4500	35,664
Olives	1000	15,442
Grapes		
Table grapes	3600	5,809
Wine grapes	1260	14,441

3.2.1.2 On-farm efficiencies and sources of water in agriculture

Representative values of on-farm distribution and plot application efficiencies (ed and ea, in Table 3) and the relative contribution of each source of water to the total water used in agricultures were extracted at the ADU-level from the SRBMP (CHS, 2014a) and extrapolated to the municipal level similarly as for CWR values. On-farm efficiencies were considered in this study as constant average values at the REWMU level.

Table 3. On-farm distribution and field application efficiencies in the SRB.

REWMU	Distribution efficiency (ed)	Field application efficiency (ea)
I - Headwater	0.88	0.70
II. North-West	0.89	0.82
III. Guadalentín	0.92	0.87
IV. Vega	0.90	0.83
V. North-East	0.93	0.89
VI. South – Coast	0.95	0.94
VII. Campo Cartagena	0.95	0.95
SRB (average)	0.90	0.82

Table 4. Relative contribution of each water source (range of values in the 2000-2010 period) to the total use of water in the Segura River Basin.

REWMU	SWW (%)	TTS (%)	DES (%)	RES (%)	GWW (%)
I - Headwater	30 – 46	0	0	3 – 4	49 – 67
II. North-West	29 – 35	0 – 8	0	2 – 3	60 – 67
III. Guadalentín	2 – 3	2 – 34	0 - 11	3 – 4	61 – 93
IV. Vega	45 – 56	2 – 33	0	5 – 9	2 – 39
V. North-East	7 – 8	0	0	4 – 5	87 – 89
VI. South – Coast	1	1 – 26	0	3 – 5	70 – 94
VII. Campo Cartagena	0	3 – 51	0	5 – 7	44 - 90
SRB (average)	19	11	0	4	65

3.2.1.3 Soil water estimation algorithm

The SEEA-Water framework requires quantifying the relative contribution of the soil water to the total of water actually consumed by agriculture. The term *soil water* in SEEA-Water is commonly known in scientific literature as *green water* and it refers to the rainfall water stored in the unsaturated soil zone and is available to plants (Rockström et al., 2009). In the opposite, *blue water* refers to the water stored or flowing in rivers, lakes, wetlands and aquifers which can be withdrawn for irrigation and other human uses. By definition, in rainfed agricuture, in which rainfall-driven water in the only source of water to the soil and plants, actual evapotranspiration (AET) fits with the concept *soil water*. However, in irrigated agriculture to quantify the relative contribution of *green water* and *blue water* to the actual evapotranspiration results a difficult and challenging task which requires the application of indirect modelling methods (Contreras et al., 2014; Liu and Yang, 2010)

For the purposes of this study, soil water was estimated at the REWMU-level. To address this task, actual evapotranspiration (eta) were computed from a representative sample of rainfed agriculture plots at each REWMU using a VI-based crop coefficient approach (hereafter VI-Kc approach) (Contreras et al., 2014, 2011; Glenn et al., 2011; Kamble et al., 2013). This method takes advantage of the temporal dynamics of a satellite-based vegetation index (VI) as a direct surrogate of the actual crop coefficient. VIs (e.g. NDVI, EVI) provide direct information on the greenness status of the vegetation and have been shown to be highly correlated with other canopy attributes (e.g. fractional vegetation cover) and physiological processes (e.g. actual evapotranspiration) (Glenn et al., 2008). Actual evapotranspiration in the VI-Kc approach is estimated as:

$$eta = etr \cdot k_{c-VI} \qquad \textbf{Equation 3}$$

in which,

$$k_{c-VI} = 1.4819 \cdot NDVI - 0.2236 \qquad \textbf{Equation 4}$$

being *etr* the FAO-Penman-Monteith reference evapotranspiration in depth of water (mm), and NDVI the *Normalized Difference Vegetation Index*. For each selected site with rainfed agriculture, monthly values of eta during the 2000-2010 period were computed using the etr values measured in the closest agrometeorological station available in the area, and the NDVI

value extracted from the MOD13A2 product of the MODIS-Terra satellite platform (Solano et al., 2010). From all the site-specific eta values computed at each REWMU, a representative mean annual value was retrieved which was finally multiplied by the total cropping area in order to give the total volume of water. This approach assumes actual evapotranspiration rates to be equal for rainfed and irrigated crops. Because eta rates are considered constant in time, annual differences in soil water in the PSUTs result from the changes in the cropping area.

3.2.2 Manufacturing industry, mining and construction

In this study, activities connected and not connected to the urban water network are considered separately.

The total of water used by connected activities was indirectly retrieved at the municipal level as the residual between the total of water provided by MCT to each municipality and the total of water consumed by households (see section 3.2.5).

Water used by non-connected industrial activities at each municipality was computed from the data reported in the SRBMP regarding the volumes of water used in 2010 at seven Industrial Demand Units, and the percentages of water demanded by those type of industries in 2007 at the municipal level (CHS, 2014a). The generation of wastewater by the non-connected industry was estimated assuming a returning ratio of 0.8 over the total of water used (CHS, 2014a). Additional information about the location of the Industrial-WTPs and the total volume of wastewaters supplied to Urban-WTPs was also indirectly quantified in order to have a spatial picture on the generation of the industrial wastewaters and the distribution of reclaimed flows. Due to the lack of data at the annual timescale, water use and supply of water by non-connected industrial activities were assumed constant along the 2000-2010 study period.

3.2.3 Energy industries

Two types of electric power plants run in the region: a) thermal, and b) hydroelectric.

From 2000, one fuel-oil and three combined-cycle thermal-power plants, all of them located in the Campo de Cartagena, were running. The fuel-oil one, the most ancient of all, finished its activity on 2010, while the others started their activities at 2005, 2006 and 2007. At 2010, the maximum installed power reached almost 3400 MW. The number of hydropower plants in the basin in 2006 was 33 and the maximum installed power reached 128 MW.

Annual figures of water withdrawals taken from the sea by thermo-power plants and from the rivers by hydropower plants were computed from the regional statistics on power generation in Murcia in the 2002-2010 period. Due to lack of data, totals of energy production in 2000 and 2001 were assumed to be equal than in 2003. An unitary withdrawal ratio reported in the annual activity reports of the different companies located in the area was adopted. For the case of hydropower plants, we estimate a representative withdrawal ratio for the basin according to the total energy produced in 2006 for each hydropower plant in the basin and their engineering and technical specifications extracted from the Spanish Integrated Water Information System –SIA-database.

Table 5. Water withdrawal ratios adopted for thermal and hydroelectric power plants.

Power plant	Water withdrawal ratio (m^3/MWh)
Fuel-oil thermal	24.32
Combined-cycle	13.67
Hydroelectric	5800.00

3.2.4 Water supply and sanitation industries

As explained in section 3.1.2, two primary public institutions, the CHS and the MCT, are in charge of the high-level distribution and provision of water to the economy and households. Other types of establishments (public, private or mixed) are present in the region but they play an intermediate role between the CHS/MCT and the end-users: those establishment include the Association of Irrigators of the Tajo-Segura Transfer (SCRATS), Water Users Communities, and private companies in charge of the low-level distribution of water in cities and municipalities. In order to simplify the data exposed in the PSUTs, all these establishments were grouped together with the CHS/MCT under the same denomination (W-*Supply* column in Figure 3) as it is suggested by the original SEEA-Water framework.

Most of the water sanitation activities (*W-Sanitation* column in Figure 3) in the basin are carried out by public corporations (e.g. ESAMUR in Murcia and EPSAR in Alicante) which were created for managing and maintaining the wastewater treatment plants (WTP) distributed along the basin. To estimate the volume of wastewater generated by households and those industries connected to the sanitation network, we computed the annual volumes of wastewaters treated at each REWMU from the raw data reported during the 2007-2010 for the 166 WTPs located in the SRB. The maximum values of volume of wastewater treated by inhabitant reported at each REWMUs during the monitoring period (Table 6) were adopted to estimate the volumes of wastewater treated during the 2000-2006 period.

Table 6. Annual volume of wastewaters treated in the SRB and maximum treatment ratio observed during the monitored period.

REWMU	2007 (hm^3)	2008 (hm^3)	2009 (hm^3)	2010 (hm^3)	Ratio (m^3/inhab.)
I - Headwater	6.01	6.16	6.14	6.21	35.93
II. North-West	6.19	6.14	6.05	5.68	30.16
III. Guadalentín	6.40	6.18	7.04	7.36	10.44
IV. Vega	77.47	76.23	78.56	87.63	8.49
V. North-East	4.89	4.85	5.24	5.32	16.95
VI. South – Coast	5.65	5.55	5.24	5.53	43.58
VII. Campo Cartagena	25.91	24.45	24.73	25.55	21.61

CHS provided us with data for the 2010 year on the percentages of direct reuse of reclaimed water licensed by each WTP to different uses (agriculture, residential-golf, or urban services), the discharge to streams, and to the sea. As most of the treated wastewater discharged to streams is indirectly used downstream by other activities (CHS, 2014a), we assume that the transmission losses along the river bed are negligible. Only some WTPs located along the coast in 'Costa Sur' and 'Campo de Cartagena' REWMUs discharged a fraction of their annual

volumes to the sea. Overall, this discharge represents around 15% of the total wastewater treated in both regions.

3.2.5 Other services and households

The column termed as “Services” in Figure 3 encompasses a large variety of activities which includes waste collection, treatment and disposal activities, waste management and remediation activities, transportation, accommodation, and professional, scientific and technical activities among others. In this study, we focus our attention on the water use of tourism lodging, golf courses and, other public and private companies directly supplied with water provided by MCT.

Estimates of water usage in tourist lodging activities were retrieved based on the total number of available beds or accommodations distributed at the municipality level, and representative ratios of water consumption by accommodation and reported according the type and the category of the lodging (MAGRAMA, 2008) (Table 7). Municipal data on available accommodations during the 2000-2010 period was collected from the regional statistics of Murcia and Alicante. No data could be obtained for municipalities located in the Albacete and Almeria provinces; however their relative contribution to the tourist accommodation capacity of the basin may be considered negligible.

Table 7. Available accommodations and water consumption ratios by type and category of the lodging.

Type of lodging	Available accommodations (2009)	Water consumption ratio (l/day.accomodation)
Hotel_5*	483	289
Hotel_4*	9659	289
Hotel_3*	6653	253
Hotel_2*	3090	167
Hotel_1*	1714	105
Tourist apartments	9375	163
Campings	28167	84
Rural lodgings	3571	30

In 2010, up to 15 golf courses covering a total acreage of 932 has. were active in the basin. Most of the golf acreage, almost 63.5%, was located in the Campo de Cartagena, and the rest on the South-Coast (26.0%) and the Vega (10.5%) REWMUs. The water requirements of golf courses were estimated assuming a consumption ratio at the field scale of 8.000 m^3/ha.year (CHS, 2014a). For this study it is assumed that all the water requirements of golf courses are met with reclaimed waters generated at WTPs. An application efficiency of 0.90 was considered in order to estimate the leakages to the ground.

The use of water by households in the study period was computed using the population dynamics in the region taking into account permanent residents and the seasonal population. The number of permanent residents registered yearly at the municipal level was collected from INE while seasonal population, i.e. the temporary residents allocated in private housings, was retrieved from interview data provided by the Regional Institute of Tourism of Murcia for the period 2010-2012. Because of the lack of reliable data for the period 2000-2010, we assumed an averaged constant ratio of temporary/permanent population for the entire study period.

3.3 Water use-to-availability indicators

The SEEAW framework constitutes a very powerful tool to compute water-related indicators that give us a general picture of the patterns of water use and allocation inside a basin. The overall analysis of these types of indicators provides a quantitative mean to evaluate and compare the water footprint and sustainability trajectories of different economic systems, but also with a useful tool to identify opportunities for improving water management and reducing leakages or misused resources.

Based on the SEEAW manual and scientific literature, the ASSET project has finally selected and computed the following set of indicators and indices for the Segura River Basin (Table 8).

3.4 Impacts of droughts on water use-to-availability indicators

Baseline values of the water use-to-availability indicators described in the previous section were computed and analyzed for representative periods with different levels of availability of water resources. To characterize the rainfall dryness status of the basin along the 2000-2010 study period, a percentile-based precipitation anomalies were analyzed together with the 'drought-level index' retrieved by CHS (2007b).

Precipitation anomalies were retrieved annually as the difference between the observed precipitation and the median value computed for the 1940-2010 rainfall dataset provided by the SIMPA model (Álvarez et al., 2004). Three levels of rainfall dryness severity were retrieved using the thresholds values represented by the 35^{th} (slight rainfall dryness), 20^{th} (moderate rainfall dryness) and 10^{th} percentiles (extreme rainfall dryness).

The "drought-level index" reported by CHS is a monthly-computed hydrological index which reports on the total of water available in the basin according to the water reserves stored in dams and the total of water received from the Tajo-Segura aqueduct. It's a relative index which range between 0 and 1 when the volume of water stored and flowing into the basin reaches its minimum and maximum value along the study period, respectively. Three warning levels have been established: *pre-alert*, when the index has a value below 0.50; *alert*, when is below 0.35, and; *emergence*, when is below 0.20.

Table 8. Water use-to-availability indicators retrieved in the ASSET project for the Segura River Basin.

Type	Indicator	Description
Availability indicators	Inbasin renewable resources (InRR) (hm^3)	Total of renewable freshwater inside the basin (known as blue water, includes streamflow and renewable groundwater resources)
	External renewable resources (OutRR) (hm^3)	Total renewable freshwater imported from outside the basin.
	Actual external renewable resources (inflows – outflows) (AOutRR) (hm^3)	External renewable resources actually retained in the basin after discount the outflows exported to other basins
	Total renewable water resources (RR) (hm^3)	InRR + OutRR. Total of renewable freshwater resources.
	Actual renewable resources (ARR) (hm^3)	InRR + AOutRR. Actual volume of renewable water resources available in the basin.
	Exploitable water resources (ExpR) (hm^3)	ARR + water resources generated in the basin from non-conventional sources (desalinization and wastewater reclaim)
	Dependency ratio (DR) (dimensionless)	AOutRR / ARR. It indicates the reliance of a region on freshwater resources generated outside the basin.
	Per capita renewable resources (hm^3/hab)	ARR / population size.
	Density of internal resources (hm^3/km^2)	ARR / basin area
Exploitation indicators	Green Water Use (GreenWU)	Rainfall-driven soil moisture abstracted by rainfed and irrigated agriculture (effective precipitation according FAO).
	Non-renewable groundwater abstraction (hm^3)	Total of non-renewable groundwater resources abstracted from aquifers. This volume indicates the consumption rate of groundwater reserves.
	Use of conventional renewable water resources	Total of renewable freshwater resources (surface and groundwater) used by consumptive activities (agriculture, industry, services and households)
	Use of non-conventional renewable water resources	Total of renewable non-conventional water resources (desalinized seawater and reclaimed wastewaters) used by consumptive activities
	Total Water Use (TWU)	Total of renewable water resources used by consumptive activities. It includes green water and conventional and non-conventional blue water.
	Total Water Consumption (TWC)	Total of water from conventional and non-conventional sources actually consumed by consumptive activities once discounted the losses to the environment
	Water Exploitation Index (WEI)	Ratio between the total of conventional resources (inbasin surface + renewable groundwater) used by consumptive activities. It does not include water from non-conventional sources.
	Water Consumption Index (WEI+)	Ratio between the total water consumption (TWC) and the total of water resources (conventional and non-conventional) available in the basin. It is also known as the Water Exploitation Index-plus according to the EEA terminology.

3.5 Future climate and management scenarios

The adaptation of the Segura River Basin to a future scenario with less exploitable water resources due to climate change and population growth was quantified by analyzing a set of management measurements defined in the Programme of Measures of the SRBMP (CHS, 2014a).

According the regional climate change projections predicted for the region, a generalized increase in the air temperature and in the surface incoming radiation is expected. As a consequence of these forcing boundary conditions drought events will presumably be more severe and frequent in time, generating higher stressful conditions for crops and hence increasing water requirements. Results from the EU-FP7 SIRRIMED project showed that these crop water requirements may increase around 15-20% in the Campo de Cartagena irrigation district (Contreras et al., 2014).

Surface renewable resources in the region are expected to decrease as consequence of the reduction of precipitation inside the basin, but also due to lower inflows received from inter-basin transfers. According to preliminary technical studies developed for the region, this reduction in exploitable water resources have been quantified to be around 5% of the total surface resources available in the basin (CEDEX, 2010).

According to the population trajectories observed in the basin in the last years, the number of inhabitants in the basin have been estimated to decrease by 6.71% in the 2010-2033 period (CHS, 2014b). By the opposite, the domestic consumption rate per inhabitant has been estimated by CHS to increase by 12.3%, from a basin-averaged value of 155 up to 174 l/inhab.day (CHS, 2014a) (Table 9).

Table 9. Changes in the household sector, and improvements in the low-level distribution network expected by 2033.

Variable	2010	2033	% of change
Population (inhab.)	1.988.292	1.854.894	- 6.7
Domestic consumption (l/inhab.day)	155	174	+ 12.3
Low-level distr. efficiency	0.834	0.852	+ 2.2

The Programme of Management Measures of the SRBMP describes a broad set of more than 1000 items designed for improving water management in the basin in the next 2015-2027 period. For the purpose of the ASSET project, only those measures with a strong potential for generating changes in the general water accounting balance of the basin were finally considered. Depending on which area of activity is focused, measures selected were grouped into three main classes:

1. Agriculture. These include those measures focused on the expansion or creation of new irrigated systems (2), and those ones for the efficiency improvements of irrigation systems (11).

2. Desalinization. These measurements consist of the construction of new treatment plants for supplying additional water resources to irrigation and domestic activities (9).

3. Urban. It includes measurements for the improvement of the low-level distribution networks (2) or to re-allocate new water resources in municipalities not supplied with waters from the MCT.

All the measurements considered in this study were regionally-quantified in terms of their potential to detract or increase exploitable water resources from the system, or to reduce the misused of water due to leakages along the distribution network (Table 10 and Table 11).

Table 10. Future changes of water demand and supply under business as usual scenario.

Change	Population (2010-2033) (inhab.)	Blue renewable resources[1)] (hm^3/year)	Household water usage (hm^3/year)
I	-3,046	-5.3	-0.3
II	-6,205	-5.4	-0.3
III	-40,923	-7.4	+1.4
IV	-75,668	-25.4	-2.6
V	-3,799	-4.1	-0.4
VI	-2,327	-2.9	-0.4
VII	-1,431	-7.6	-2.2
SRB	-133,398	-58.0	-4.8

Table 11. Future planned resources from desalinized seawater for the 2027 horizon and expected distribution in the basin (all values in hm^3/year; negative values mean increases of water demand, while positive values mean inclusion of new resources into the system).

Change in supply	Agric. expansion	Irrigation system	Low-level distr.	Desalinization (additional resources)[1)]	Agriculture	Households
I	-12.3		+0.2	+0.1	+0.0	+0.1
II				+4.6	+0.0	+4.6
III		+1.4	+0.06	+43.1	+34.8	+8.4
IV		+15.9		+57.9	+4.3	+53.5
V			+0.03	+1.5	+0.6	+0.9
VI			+0.12	+48.2	+43.6	+4.6
VII				+30.6	+13.6	+17.0
SRB	-12.3	+16.3	+0.41	+186.0	+97.0	+89.0

[1)] Urban use: 89 hm^3/año = 23 (Escombreras) + 18 (Valdelentisco) + 36 (Torrevieja) + 12 (Águilas); Irrigated use: 97 hm^3/año = 8 (Valdelentisco) + 40 (Torrevieja) + 48 (Águilas) + 1 (Fayona)

4.1 Current patterns of water use and supply

4.1.1 Basin-wide outcomes

A total of 96 PSUTs tables (8 zones * 11 years + averages) have been generated in the frame of this study and the ASSET project (see Annex 2). They gather most relevant data collected and processed at the basin and sub-basin level. Data is arranged at the yearly timescale covering the 2000-2010 period (11 years). Additional tables with the average values for the period are also included. Here, results from the Segura PSUTs are discussed focusing on:
- Water usage patterns and users within the system
- Water consumption and water reuse

Main water fluxes between the inland water and the economy systems and among the different groups of activity are shown in Figure 9 using a Sankey diagram (Sankey diagrams with yearly figures for the SRB are included in Annex 2). These types of figures put a visual emphasis on the major transfers or flows within a system being very helpful in locating the dominant and individual contributions of each water flow to the total of the basin. In this overall picture for the SRB, both industry and energy, and services and household sectors were integrated in order to simplify the arrangement of the outputs.

In the diagram-scheme proposed, environmental compartments and groups of activity in the economy are represented by blue and orange boxes respectively. Use fluxes are represented by arrows arriving to the left edge of each box, while supply fluxes leave from the right (interflows inside the economy system) or from the bottom (flows returning to the environment as leakage losses or direct discharges). Grey arrows represent wastewater flows generated by the consumptive activities, while red ones are the reclaimed waters that W-Sanitation sector returns to the economy. Finally, dark blue fluxes represent water directly abstracted from the environment, while turquoise fluxes are return flows from the economy to the environment.

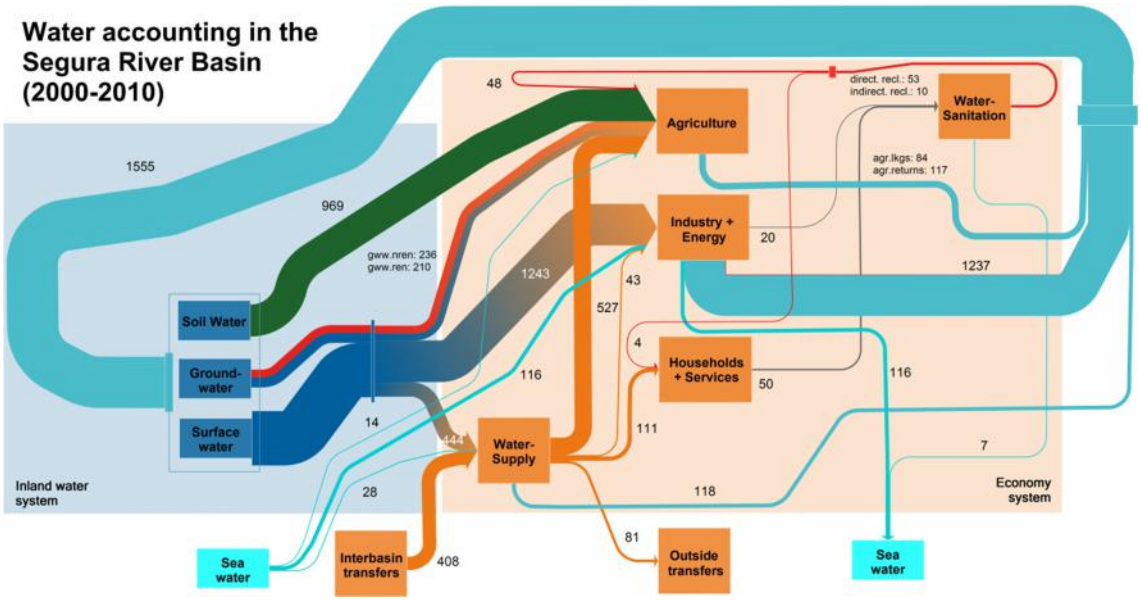

Figure 9. Sankey diagram of water fluxes in the Segura River Basin (average values for the 2000-2010 period). All figures in hm^3/year.

Agriculture is by far the sector which most water used in the basin along the study period reaching in average 1036 hm^3/year (86% of the total water used in the basin) (Table 12). In terms of water consumption, this figure reached almost a 90% of the total. If green water is included in the accountability, total of water used by agriculture increased up to 2005 hm^3/year (Figure 9). Green water, i.e. the rainfall-derived soil moisture actually consumed by agriculture, provided with 48% of the total water accounted by the agriculture sector, while in-basin renewable surface and groundwater resources allocated 537 hm^3/year (27%). External resources from the interbasin Tajo-Segura aqueduct and non-conventional resources provided with 196 hm^3/year (10%) and 67 hm^3/year (3%), respectively. The remaining up to reach the total of water used by agriculture, i.e. 236 hm^3/year (12% of the total), were met with non-renewable resources abstracted from aquifers.

Table 12. Volume of water used by sectorial activities in the SRB (average values for the 2000-2010 period). Value of water used by agriculture does not include the soil water term.

	Use		Consumption	
Sector	Volume (hm^3/year)	% of the total	Volume (hm^3/year)	% of the total
Agriculture	1036[1]	86.1	835[1]	89.7
Industry	54[2]	4.3	31	3.3
Services	9	0.8	6	0.6
Households	106	8.8	59	6.3
Total	1203	100.0	931	100.0

[1] It does not include green water
[2] It includes 2 hm^3/year from the energy sector

4.1.2 Trends

The interannual dynamics of the water usage by agriculture showed a negative trend along the study period (Figure 10). The reduction of water requirements by agriculture in the 2000-2010 was driven by the loss of agriculture lands in the region, mainly citrus and fruit trees in the Segura alluvial plain (Vega) (Figure 11). Since 2000, the total of blue water used by all consumptive activities (agriculture, industry, services and households) in the SRB decreased slightly year by year up to reach 1346 hm^3 in 2010, with a total blue water consumption of 1035 hm^3. By REWMUs, the Segura alluvial plain (Vega) used the largest volume of water in the region, followed by far by the Guadalentín valley, the South-Coast, the Campo Cartagena and the North-West units.

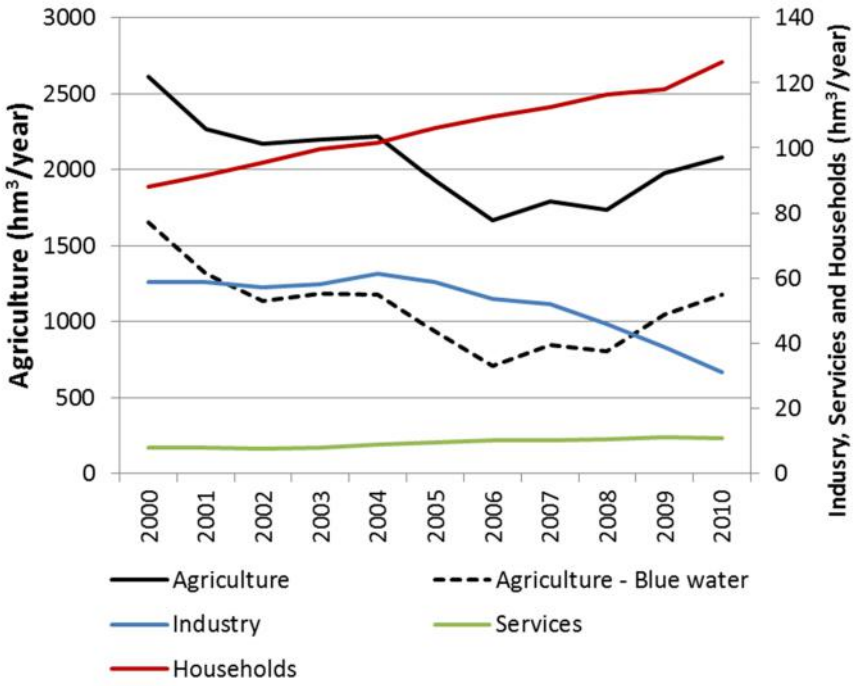

Figure 10. Evolution of water usage in the Segura River Basin by consumptive activities in the 2000-2010 period.

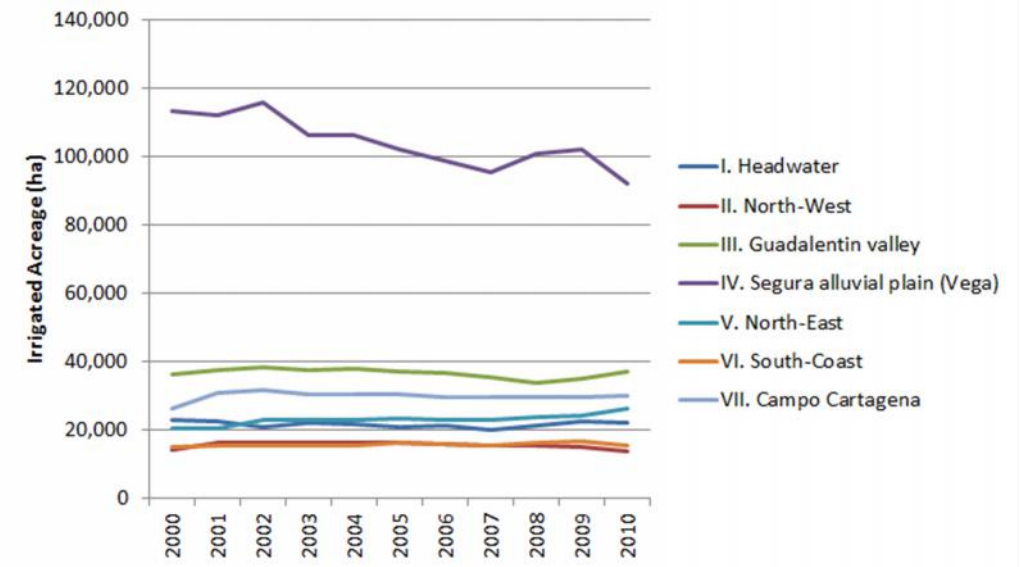

Figure 11. Total irrigated acreage in the seven REWMUs of the Segura River Basin during the 2000-2010 period.

Total losses of water accounted in agriculture in the distribution network and on the farm-level reached on average 288 hm^3/year in the entire basin. Figure 12 shows per management unit the principal flows for agriculture. The difference between the left and the right bar for each unit, is the water that is consumed (evapotranspirated). In the Vega unit leakages reached the highest values (168 hm^3/year, i.e. 25% of the total water used), followed by the Guadalentín valley with 29 hm^3/year (17% of the total water usage).

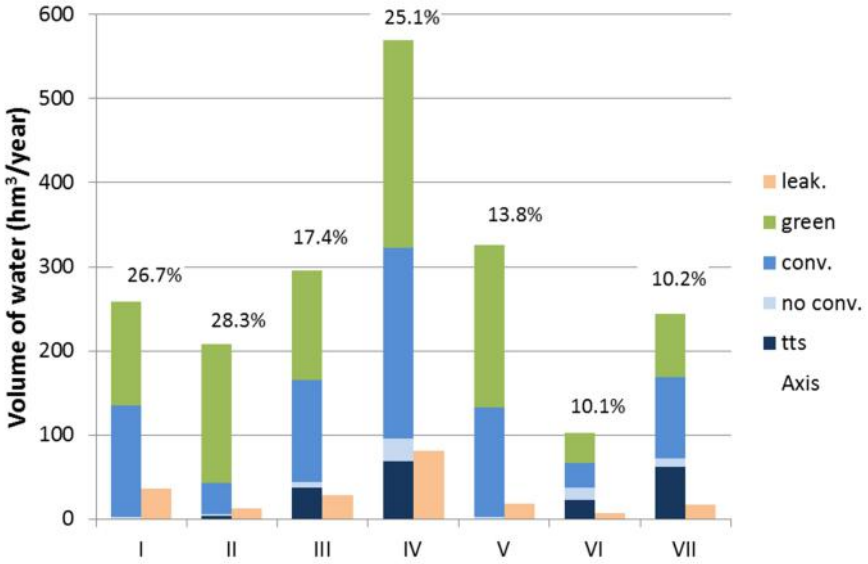

Figure 12. Average volumes (2000-2010) of water used and lost in agriculture. Blue water (blue tones) comprises renewable resources from conventional (conv.) and non-conventional (non conv.) sources, and the interbasin aqueducts (tts). Percentages refer to the ratio between the total of water lost through leakages to the total of water used from conv. and non-conv. sources.

The usage of water by households accounted in average 106 hm^3/year in the 2000-2010 period, i.e. 8.8% of the total use, from which 47.4 hm^3/year were finally derived as wastewaters to treatment plants. Finally, the industry and service sectors used 54 and 9 hm^3/year, which represented a 4.3% and 0.8% of the total use in the basin, respectively.

The energy sector has a relatively high water use: 1234 hm^3/year were taken from the inland water system for hydroelectric power generation, and 116 hm^3/year from the sea for refrigeration purposes. For both activities, water is almost fully returned to the environment which means that the water consumption of this sector is extremely low.

4.1.3 Water use-to-availability indicators

The various water use-to-availability indicators selected and defined in Table 8 were calculated for the spatial units and time steps of the analysis (see Annex 4). Table 13 shows the averages of these indicators, for the different areas.

The areal and per capita density of surface and groundwater renewable resources during the 2000-2010 period in the SRB are on average 52 l/m^2 and almost 550 m^3/person per year, respectively (Table 13). According to the population-water supply equation proposed by UNESCO (WWAP, 2012), the Segura River Basin can be considered an area closely facing absolute water scarcity (the threshold value is at 500 m^3 per person). However, values computed at the sub-basin scale showed a strong spatial variability ranging from less than 500 m^3/person in the Segura-river valley, up to more than 1100 m^3/person in the headwater and northern sectors.

In general, the SRB showed a relatively high reliance on external renewable resources incoming from the interbasin transfers (Tajo-Segura and Negratin aqueducts) with an average

value for the entire basin of 0.33. This reliance on external resources is even much higher in the coastal sectors where more than 50% of the total water resources used have an external origin.

The average Water Exploitation Index (WEI), also known as water-to-availability ratio, is above 1 in the I, III, V and VI sectors, and higher than 0.90 in the remaining ones (II, IV and VII). In average the WEI reached a value of 1.13 at the basin scale in the 2000-2010 period, while the per capita water use ratio averaged 660 m^3/person. The total consumption index or WEI+ was 0.86, although it showed a strong spatial variability with the highest value (1.52) found at the North-eastern V sector where the overexploitation of aquifers is extremely severe (Senent Alonso and García-Aróstegui, 2014).

The total abstraction of non-renewable groundwater resources in the basin was estimated in the 225-250 hm^3/year range depending on the availability of the surface and non-conventional water resources. As it is expected the overall WEI of the basin has been slightly decreasing from the beginning of the study period in parallel to the inclusion of new unconventional resources (desalinized and reclaimed waters) into the system (Figure 13).

Table 13. Average values of water availability and exploitation indicators accounted at the sub-basin level.

Area - Avg 2000-2010	SRB	I + V	II + III	IV	VI + VII
Population size (heq)	1,851,174	155,685	247,977	1,014,804	432,708
Area of REWMU (km^2)	18,931	7,631	5,739	2,817	2,744
Availability indicators					
Inbasin renewable water resources (hm^3)	665.6	178.9	94.1	279.6	112.9
External renewable water resources inflows (interbasin inflows) (hm^3)	407.7	1.6	78.3	167.2	160.6
Actual external renewable water resources (inflows - outflows) (hm^3)	326.4	1.3	62.9	133.7	128.5
Total renewable water resources (hm^3)	1,073.2	180.5	172.4	446.8	273.5
Blue renewable water resources (hm^3)	991.9	180.2	157.0	413.4	241.4
Exploitable water resources (hm^3) (*Blue + Grey*)	1,097.1	187.3	171.6	465.5	272.7
Dependency ratio (Act.Ext.Renew./Blue.Renew)	0.33	0.01	0.40	0.32	0.53
Per capita renewable resources (m^3/person)	549	1163	643	420	572
Density of blue renewable resources (l/m^2)	52.4	23.6	27.4	146.7	88.0
Exploitation indicators					
Green Water Use (hm^3) (A) (Soil Water in Agriculture)	969.2	315.4	295.3	247.4	111.1
Blue Water Use (hm^3) (A,I,S,H) (Groundwater + Surface water)	1,110.4	273.9	219.0	367.7	249.8
Explotation of non renewable groundwater resources (hm^3)	**236.0**	**108.3**	**77.9**	**15.8**	**34.0**
Unconventional Water Use (hm^3) (A,I,S,H) (Desalinized + Reclaimed)	94.9	5.8	13.1	43.8	32.2
Total Water Use (A,I,S,H) (hm^3) (includes green water)	2,174.5	595.1	527.4	658.8	393.2
Per-capita Water Use (m^3/person)	549	1163	643	420	572
Total Water Consumption (A,I,S,H) (hm^3)	941.9	219.5	184.5	299.3	239.1
Water Exploitation Index (WEI) (Blue.Use/Blue.Renew)	1.12	1.52	1.39	0.89	1.04
Water Consumption Index (WEI+) (Consumption / Exploitable Resourc.)	0.86	1.17	1.07	0.64	0.88

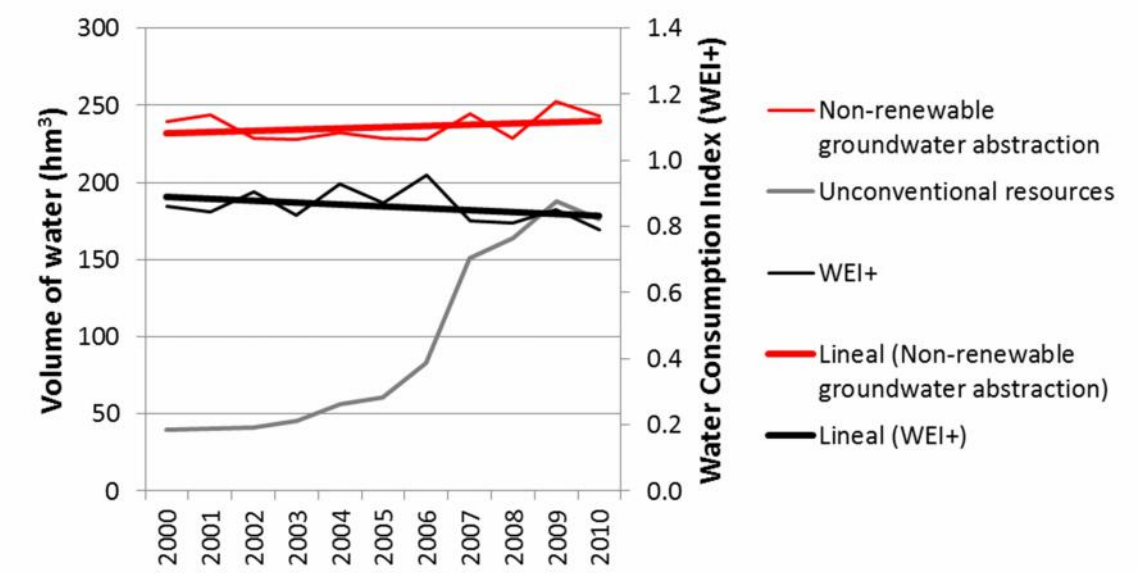

Figure 13. 2000-2010 trends in non-renewable abstractions, use of unconventional resources, and water consumption index (WEI+).

4.2 Drought impacts on water use and supply patterns

The Segura River Basin drought status depends on rainfall within the basin itself, and on the interbasin transfer.In the 2000-2010 period, annual precipitation was significantly lower than normal in 2000 and 2005. In the other years, rainfall amounts close to the median value or even higher (2008, 2009-2010).

For the interbasin transfer, the hydrological drought index used by river basin authority enters in alert status after 2005. From this year the exceptionally low inputs of rainfall in the basin and the low water transfers from the Tajo aqueduct (298 hm^3 against the 437 hm^3 received in average during the 2000-2004) caused an extreme hydrological drought. Despite the positive rainfall anomalies during the following years, the low water inflows from the Tajo caused the hydrological drought to persist until 2009.

For the purposes of this study, we differentiate two periods for which data from the PSUTs will be compared:

- the 2001-2004 period, considered as a normal rainfall period without severe restrictions in the provision of water to the regional economy.
- the 2005 – 2008 period, considered here as an extreme-moderate dry period with strong restrictions in the provision of water .

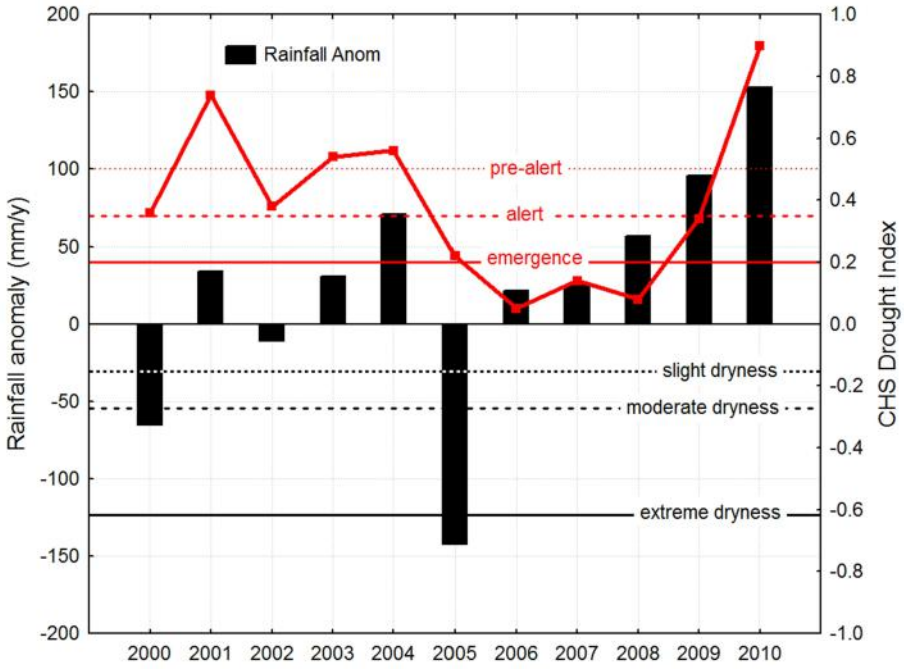

Figure 14. Rainfall anomaly (black bar), CHS drought index (red line with squares), and dryness and warning levels (dotted, dashed and solid lines).

Commonly, meteorological drought first has its impact on soil water storage (green water) and hence on the relative contribution of this component over the total water consumption of rainfed and irrigated crops. As stated before, the 2005-2008 drought period was triggered by extreme low rainfall amounts in 2005 and was followed by positive anomalies of annual precipitation. The satellite-based estimations of green water consumption in the 4-year period showed no large reductions suggesting that this drought period was more related to surface water availability and external water supply than to local meteorological drought (Figure 15).

The drought period started in 2005 was kept during the following three years due to the low external inflows received in the basin from the interbasin aqueducts. An average of 282 hm^3/year was transferred during the 2005-2008 drought period (i.e., a 48% of reduction against the normal-rainfall 2001-2004 period) (Table 14) with an absolute minimum value of 201 hm^3 in 2006 (Figure 15). During the 2006-2008 period, inbasin renewable inflows were also reduced but in a less quantity than the interbasin inflows (28% versus 48%) most likely because of the low positive rainfall anomalies recorded.

As consequence of this severe drought period, the total of surface and groundwater resources used by consumptive activities in the Segura River Basin was reduced by 440 hm^3/year (33% lower than the normal-rainfall 2001-2004 period) (Table 14) while the overall productivity of the main crop groups in the SRB were reduced in the 10 (fruit trees) and 45% (olive trees) range when compared against the normal-rainfall period (Table 15). Higher impacts on the economy system were partially softened by the inclusion of 70 hm^3/year of non-conventional resources (desalinized seawater and reclaimed wastewater) (Table 14).

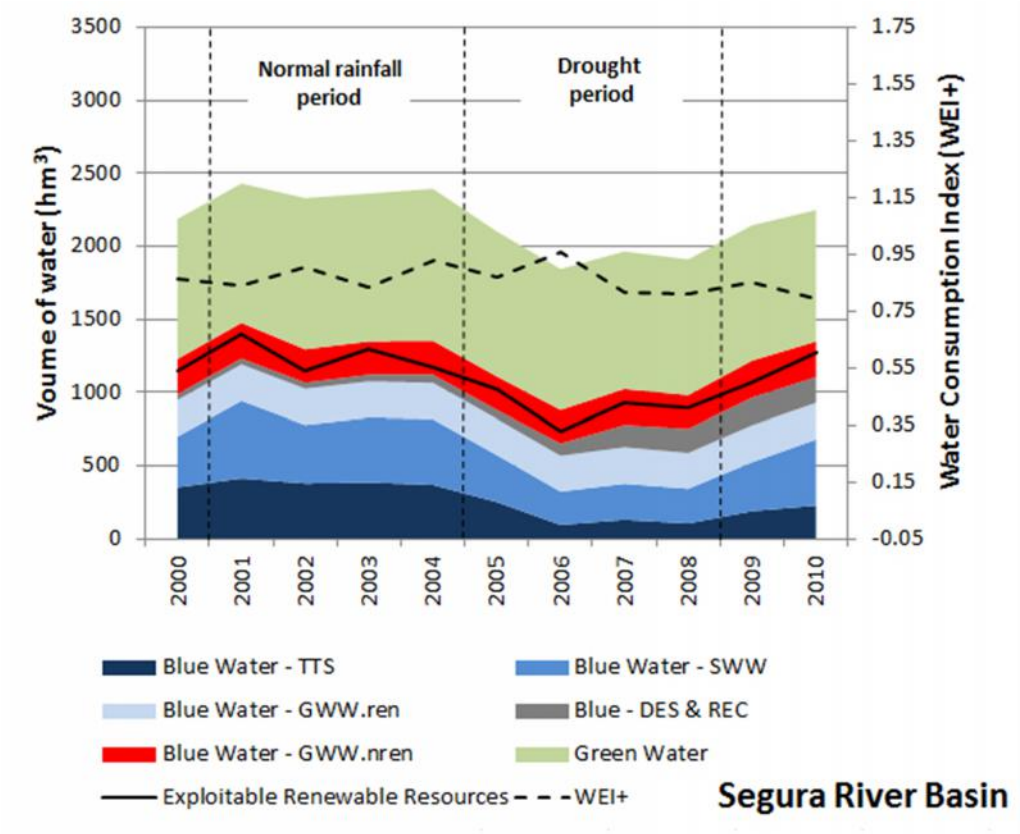

Figure 15. Evolution of the total water usage by consumptive activities and the overall WEI+ in the Segura River Basin.

Table 14. Impact of the 2005-2008 drought period on the water-related indicators of the Segura River Basin.

Water Indicators - Segura River Basin	Study period (2000 - 2010)	Normal-rainfall (2001 - 2004)	Drought period (2005 - 2008)
Population size (heq)	2077953	1795088	2028683
Area of REWMU (km^2)	18931.46		
Availability indicators			
Inbasin renewable water resources (hm^3)	665.6	767.8	549.3
External renewable water resources inflows (interbasin inflows) (hm^3)	407.7	539.2	282.5
Actual external renewable water resources (inflows - outflows) (hm^3)	326.4	441.1	216.4
Total renewable water resources (hm^3)	1073.2	1307.0	831.8
Blue renewable water resources (in) (hm^3)	991.9	1208.9	765.6
Exploitable water resources (hm^3) (*Blue* + *Grey*)	1097.1	1251.2	894.9
Explotation of non renewable groundwater resources (hm^3)	236.0	232.9	232.4
Dependency ratio (Act.Ext.Renew./Blue.Renew)	0.32	0.36	0.27
Per capita renewable resources (m^3/person)	548.5	706.6	394.5
Density of internal resources (hm^3/km^2)	0.05	0.06	0.04
Exploitation indicators			
Green Water Use (hm^3) (A) (Soil Water in Agriculture)	969.2	1011.4	957.1
Blue Water Use (hm^3) (A,I,S,H) (Groundwater + Surface water)	1110.4	1322.1	883.8
Grey Water Use (hm^3) (A,I,S,H) (Desalinized + Reclaimed)	94.9	45.6	114.5
Total Water Use (A,I,S,H) (hm^3) (includes green water)	2174.5	2379.2	1955.4
Total Water Consumption (A,I,S,H) (hm^3)	941.9	1095.2	769.4
Water Exploitation Index (WEI) (Blue.Use/Blue.Renew)	1.13	1.10	1.16
Water Consumption Index (WEI+) (Consumption / (Blue&Grey.Renew)	0.86	0.88	0.86

Table 15. Evolution of acreage and crop yield in the Murcia region.

Year	Row crops		Citrus trees		Fruit trees		Olive trees	
	Sup.[1] (ha)	Yield[2] (Tn/ha)	Sup. (ha)	Yield (Tn/ha)	Sup. (ha)	Yield (Tn/ha)	Sup. (ha)	Yield (Tn/ha)
2002	40,639	40.30	45,372	15.85	165,952	2.87	22,055	1.06
2003	39,907	44.26	44,383	17.24	160,123	3.16	22,198	1.12
2004	55,188	31.94	45,574	17.95	156,590	3.30	22,593	1.21
2005	49,446	30.88	45,149	13.31	153,318	2.45	23,431	0.82
2006	50,249	30.21	45,354	16.68	147,467	3.16	23,968	0.81
2007	52,842	29.73	45,915	16.15	150,169	3.49	27,434	0.86
2008	49,226	31.66	45,104	11.44	148,531	2.29	27,786	0.00
2009	53,597	29.10	43,763	11.34	147,055	2.76	28,024	0.75
2010	44,023	33.90	42,349	14.26	144,425	3.19	28,266	0.00
2002-04[3]	45,245	38.83	45,110	17.02	160,888	3.11	22,282	1.13
2005-08[3]	50,441	30.62	45,380	14.39	149,871	2.85	25,654	0.62
2005/2002	1.11	0.79	1.01	0.85	0.93	0.91	1.15	0.55

[1] Values of surface acreage from the ESYRCE national database.
[2] Computed from 1) and values of total crop production in Tn. extracted from regional statistics (database of the Regional Ministry of Agriculture of Murcia).
[3] In ha/year.

4.3 Evaluation of future adaptation measures

The most relevant measures in the current Segura River Basin Management Plan (RBMP) were selected. The water accounts and the derived indicators were used to evaluate their effectiveness in reducing climate change and drought impacts.

For each of the measures, the RBMP provides estimates on the resulting water savings. Depending on each measure these estimates were based on savings obtained in similar conditions, or using water simulation tools (AquaTool). These estimates were used as inputs in our analyses, with support from the experts of the River Basin Authority.

Table 16 shows a set of indicators that were analyzed for current conditions (year 2010), a business as usual scenario (climate change and population growth) and three future management scenarios. As can be seen in Table 16, the availability of renewable resources reduces from 1,062 to 942 hm^3/year. The availability of non-conventional (wastewater reuse and desalinization) is also reduced slightly as consequence of a reduction of wastewaters available for being treated and reused.

The three management scenarios based on a combination of the RBMP measures for the 2027 horizon are (more details in Table 11):

- M1: measures focused on the agriculture and urban sectors, like agriculture expansion, improvements in the irrigation and conveyance systems, and population growth.
- M2: increased desalinization capacity by a 450%
- A combination of M1 and M2

As can be seen in Table 16, M1 causes a reduction in leakages, but an increase in total water use and water consumption. With M2, total water use and consumption remains the same as in BAU, but the availability of non-conventional resources increases considerably, causing a significant reduction in the abstraction of non-renewable groundwater abstraction (~100 hm^3/year).

The combined scenario (M1 and M2) shows a mixture of the above effects: less non-renewable groundwater extraction (~140 hm^3/year compared to BAU), less leakages, with a slightly higher water use and water consumption. This higher water consumption is mainly due to the agriculture expansion proposed in the headwaters of the basin.

Table 16 and Figure 16 show also three exploitation indices: WEI, WEI+ and Coverage. Because of the reduction of the exploitable resources due to climate change, the water exploitation indices will increase in the 10-12% range reducing the overall coverage of the basin by 10%. It should be noted that the effects of a hypothetical increase in the water requirements of crops due to changes in temperature and radiation were not included in this analysis.

The scenarios reduce the exploitation indices significantly.

The adoption of M1 scenario, primary focused on the reduction of leakages, does not reduce WEI and WEI+. These indicators provide an indication of the pressure on the water resources as a consequence of water withdrawals and an indication of likelihood to suffer recurrent situations of water scarcity. Therefore, this analysis suggests that the measures in scenario M1 do not effectively reduce water scarcity in the Segura River Basin.

The scenario M2 reduce WEI and WEI+ significantly compared to the BAU scenario, as under this scenario reliance on non-renewable resources is expected to decrease. Still the indicators indicate severe water stress, even under the combined scenario M1+M2.

Table 16. Matrix of changes in the demand-availability matrix evaluated in the Segura River Basin for the 2027-2050 scenario.

Water indicator	Present (2010)	BAU	Sce. M1	Sce. M2	Sce. M1+M2
Availab. of conv. renewable res. (hm^3)	1,062	942	942	942	942
Availab. of non-conv. ren. res. (hm^3)	215	211	211	397	397
Total Use (hm^3)	1,348	1,339	1,352	1,339	1,352
Non-renewable GW abstraction (hm^3)	243	343	355	190	202
Leakages (hm^3)	338	336	320	336	320
Total Consumption (hm^3)	1,010	1,003	1,032	1,003	1,032
WEI	1.10	1.24	1.25	1.08	1.09
WEI+	0.79	0.87	0.90	0.75	0.77
Coverage[3)]	0.82	0.74	0.74	0.86	0.85

[1)] Because a reduction in water consumption by households (4.8 hm^3/año) plus the volume of reclaimed waters by the reduction of wastewaters (4.2 hm^3/year).
[2)] Due to the net effect of a reduction in domestic water demand (9 hm^3/year) and in the availability of exploitable renewable resources (50 hm^3/year).
[3)] Defined as 1 – NonRenew.Abstraction/Total.Use.

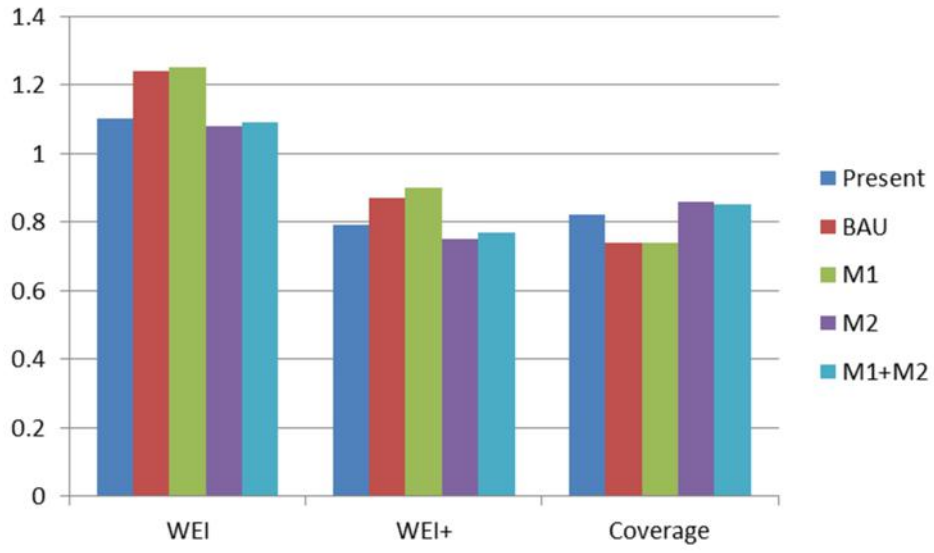

Figure 16. Changes driven by future climate-management scenarios in water exploitation indices and coverage under present, business as usual (BAU) and the management scenarios.

5 Discussion

This section discusses the transferability of the SEEA-Water framework, based on the experience in the Segura River Basin pilot study. Several limitations and potential improvements are highlighted.

5.1 Conceptual issues

The goal of the SEEA-Water framework is to provide a consistent mean to integrate physical water-related data with economic data and generate a comprehensive picture of the natural water cycle and its link to the economy (Dimova et al., 2014). Despite its potential for increasing the transparency in water management towards water users and other stakeholders (Momblanch et al., 2014), implementation of the SEEA-Water framework remains still difficult because the methodology attempts to explain with very high detail the water fluxes in the time-spatial domain. The data collection and post-processing efforts that SEEA-Water requires to fulfill the tables increase non-linearly when finer spatial and time reference domains are adopted. This complexity and level of detail may affect the usefulness of these water accounting system as their accuracy and comprehensiveness decrease (Andreu et al., 2010). The inclusion of detailed, often unreliable data in the accounting systems may add considerable uncertainty instead of accuracy. This, at the end may jeopardize the main goal of a water accounting system and can generate doubts with end-users regarding the rigor of the accounts (Momblanch et al., 2014).

A main limitation for the usefulness of the SEEA-Water framework for basin-level water management is that it does not include a key concept that water managers are dealing with: water demand. This limitation is inherent to the conceptual approach of the SEEA methodology, documenting statistics of actual flows and stocks, but not of potential ones. This limits the usability of the framework for water scarcity assessments (imbalance between water demand and availability). In spite of this limitation, this report shows some scope for using SEEA-Water for the evaluation of drought and water scarcity.

Another issue of SEEA-Water is that water resources management requires proper insight in the interaction between water users in a river basin, particularly in a context of increasing water scarcity and the need to save water. While most attention from managers and decision makers goes to allocation and withdrawals of surface water resources, reuse of non-consumed water gets only marginal attention despite the potentially significant volumes. As a consequence, claims of water saving are often grossly exaggerated. This is a recognized issue for water accounting frameworks in general and stresses the need for new methods that recognize the dependency of multiple water users in a basin (Simons et al., 2015).

5.2 Spatial and temporal domain

The selection of appropriate spatial and temporal reference domains is critical when applying the SEEA-Water framework. This task should be addressed being aware of the general limitations of data availability of each study region and taking into account that the availability of data at the different spatial and temporal scales and institutional levels.

For the SEEA-Water implementation in the EU territory, the basin level is the minimum spatial scale to be adopted in order to meet with the legal requirements dictated by the Water Framework Directive. The usefulness of working at finer scales, something that was recently proposed by the European Environment Agency (EEA, 2013) will depend on the availability of data and the accessibility of the many sources of information. As it has been stated in previous sections, economic and hydrological data are usually monitored at very different spatial and time scales depending on their nature (e.g. in the SRB, demographic and some economic data is annually surveyed at the municipal-administrative level, while data on the total of water reaching the basin through interbasin aqueducts and how is distributed to the irrigation districts is reported monthly), or on the technical way in which they were retrieved (e.g. the spatial reliability of surveyed data will depend on the total of interviews accounted in a study region).

In the SRB, an optimized *functional regionalization* at the sub-basin scale was realized integrating a multi-criteria approach and the expert knowledge provided by the technicians of the Water Basin Authority. This process took the most detailed spatial dataset provided by ECRINS (EEA, 2012) as the baseline layer over which the regionalization was implemented. Based on this analysis, the 1st-order ECRINS catchments were aggregated into 7 Representative Elementary Watershed Management Units which were the sub-basin domains finally adopted for implementing the PSUTs (Section 3.1.3).

Similar as with the spatial discretization, the ASSET project has based the selection of the time reference period on the data availability, and the possibilities to generate reliable information when data was lacking. For the particular case of the PSUTs, implementation was realized at the yearly level for the 2000-2010 period (11 years). The vast majority of sectorial data required for the PSUTs are not available at a finer temporal scale. Downscale yearly data to, for example monthly values, could only be obtained using indirect methods and modeling tools.

5.3 **Conveyance and on-farm water losses**

The way in which SEEA-Water refers to the losses of water accounted as leakages along the distribution networks is another critical issue to be considered in the frame of the Spanish River Basin Management Plans. In these plans losses are attributed to the consumptive user (e.g. agriculture, industry or households). However, SEEA-Water requires to link these losses to the water supplier. This is useful for industry and households, but more complex and confusing for Agriculture.

Losses related to water provision to irrigated agriculture occur at different levels. Figure 17 shows a simplified scheme, consisting of (i) the primary network, i.e. the conveyance system which transports water from the large storage infrastructures to the irrigation districts; (ii) the secondary and tertiary network which include on-farm distribution and field-level application losses. Both, off-farm and on-farm systems should be separately characterized in terms of their distribution efficiencies: leakages from the first one should be allocated to the water supplier (*W-Supply* or *W-Sanitation*), while those ones from the secondary-tertiary system should be considered as supplies of water from the agriculture to the environment.

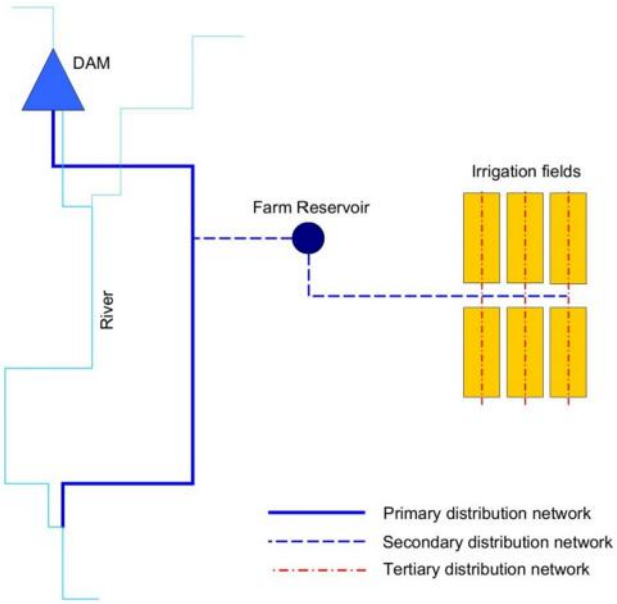

Figure 17. Conceptual scheme adopted in the SRB to account for water losses due to leakages in the *Agriculture* sector. Leakages from the primary network are attributed to the water supplier, while those accounted along the secondary-tertiary (on-farm) system are computed as returns of water from agriculture to the environment.

5.4 Other pilot-specific recommendations

A few of the entries in the water accounting tables proposed by the SEEA-Water are little intuitive and comprehensive for the end user. This may inhibit their uptake. In order to make the critical revision and use of the PSUTs more straightforward, several general and regional-specific improvements could be implemented.

Based on the experience in the Segura River Basin, we suggest that more items could be included in the use (section 2) and supply (section 4) tables to make explicit how much water is provided by the W-Supply sector to consumptive users. The inclusion of these new items (2.d.-2.g. and 4.I.-4.V) are especially relevant in highly-regulated basins, like most Spanish basins, in which River Basin Authorities act as the main actors in abstracting water from the environment and in providing it to final users. Making explicit how much water is diverted by the W-Supply sector to each group of activity allows verifying the balance closure of the tables (internal coherence) in a much easier way.

Finally, two other additional items could be included (1.i.2a. and 1.i.2b.) to reflect how much of the total groundwater abstraction comes from renewable and non-renewable resources. This way, the water accounting tables show an estimate of the aquifer overexploitation in the region.

Similarly to other water accounting systems, the implementation of SEEA-Water in the SRB required a wide quantity of data that in many cases were lacking or strongly disperse. When figures required to fulfill the PSUTs were lacking, not complete or not enough detailed, or could not been used or measured directly, estimation of data through indirect methods were adopted using other available variables as proxies. For the end-user to understand the data sources, data quality and procedures in the PSUTs of the SRB, a set of “metadata” fact sheets with detailed descriptions of the methods used and the type of data and sources looked up for each

group of activity were provided together with final results (see Annex 1).

Other changes and improvements that were made to adapt SEEA-Water to the Segura River Basin case study were:

- Sankey diagrams. In order to increase the understanding of the water accounts, PSUTs in the Segura basin were jointly reported with Sankey diagrams. A simplified diagrammatic-conceptual scheme has been proposed as a potential prototype for the SEEA-Water framework.

- Spatial domain references at the sub-basin scales were defined from a functional point of view and according to a sub-basin regionalization process based on expert knowledge and a multicriteria assessment.

- Soil water consumption by agriculture was estimated in this project using a relatively simple but robust method which integrates satellite-based greenness dynamics of vegetation with meteorological data available from agrometeorological stations.

- Industrial/Urban services consumption rates. Because the inability to get direct data on the total of water actually used by industrial and urban services activities at the municipal level, ASSET tested an indirect residual approach to quantify the total water used and consumed by the *Industry* node connected to the drinking water network. The approach proposed in this study represents a more certain and reliable technique than others indirect methods which use economic variables as proxies of water consumption (e.g. GVA or number of employees), or direct methods, but more expensive, based on the use of actual water consumption data acquired through field surveys.

6 Conclusions

The SEEA-Water accounting framework was successfully applied to the Segura River Basin (SRB). For this particular study we adopted a sub-basin scale level for the SRB, and collected and organized the available water-related data required to fulfill the standard physical supply and use tables for the 2000-2010 period. After an intensive process of data collection and processing, a set of use-to-availability water indicators were annually derived and analyzed under two contrasting climate conditions: a normal-precipitation period (2001-2004) and an extreme-moderately dry period characterized by low interbasin inflows. Finally, the adoption of different water management practices and measures under a scenario of population growth and reduction of conventional water resources was evaluated in terms of their impact on the basin's water indicators.

Regarding the water accounting system used, several conclusions can be drawn from this study:

1) SEEA-Water is a suitable framework to report on water resources management at the basin scale, and monitor water management indicators (e.g. WEI, WEI+, use-to-availability ratio,

water crowding ratio) which inform about the pressure and sustainability dynamics exerted on water resources and dependent ecosystems.

2) The implementation of SEEA-Water requires considerable efforts and resources because of data collection and data procedures. Even in drought-prone basins with well-established water management policies, like the Segura River Basin, the access to raw data is sometimes difficult or lacking. This difficulty makes necessary to adopt indirect methods to fulfill with the SEEA-W requirements.

3) When the SEEA-Water data are presented, the adoption of indirect methods to solve the lack of raw data should be well explained and referenced as additional inputs to the standardized tables.

4) The data provided by SEEA-Water can be potentially useful for promoting the public participation in the water management and planning process. However, the arrangement of the water accounting figures into the tables proposed by SEEA-Water may be considered as little intuitive for end-users. Visualization of water accounting tables using for example simple Sankey diagrams could increase the understanding and uptake of these reporting methodologies.

Regarding the particular implementation of SEEA-Water in the basin, we conclude:

5) The average per capita density of renewable resources in the Segura River Basin was 550 m^3/person.year during the 2000-2010 period, close to the threshold of 500 m^3/person.year considered by UNESCO as the absolute water scarcity status. However, strong spatial heterogeneities emerge spatially from more than 1100 in the headwater sectors to less than 500 m^3/person.year in the coastal regions.

6) The inclusion of non-renewable sources of water (desalinization and reclaimed wastewater) and interbasin resources makes possible a per capita water use ratio of 660 m^3/person.year on average. The total use of water in the basin is highly sensitive to interbasin inflows with an overall dependence ratio of 0.3 in the 2000-2010 period. WEI and WEI+ values are found to be higher (>1.40) in the coastal regions and in the inner north-eastern region where overexploitation of the groundwater reserves is extremely severe. The total abstraction of non-renewable groundwater resources in the basin has been estimated in

7) The extreme meteorological drought in 2005 triggered a 4-year hydrological drought characterized by low inflows of external resources. As consequence, the total of water resources used by consumptive activities was reduced by 33% in comparison with the precedent normal-precipitation 4-year period. Additional desalinized resources during the drought period slightly reduced the impacts of water scarcity.

8) Future scenarios of climate change and population growth in the middle-term 2027-2030 are predicted to increase the basin's water exploitation indices, and hence reduce the overall coverage (demand met with renewable water), by 10-12%. This can lead to an additional abstraction of non-renewable resources of ~100 hm^3/year. The adoption of different measures focused on the reduction of leakages and the inclusion of new unconventional resources from desalinization may reduce the present groundwater overexploitation by 40-50 hm^3/year.

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8 References

Álvarez, J., Sánchez, A., Quintas, L., 2004. SIMPA, a GRASS based tool for hydrological studies. Proceedings of the FOSS/GRASS Users Conference. Bangkok, Thailand. 14 pp.

Andreu, J., Momblanch, A., Paredes, J., Pérez, M.A., Solera, A., 2010. Potential role of standardized water accounting in Spanish basins. In J.M. Godfrey, K. Chalmers, K. (Eds.) *Water Accounting: International Approaches to Policy and Decision-Making*. Edward Elgar, Northampton, MA, USA, pp. 123–138.

Arrow, K., Bolin, B., Costanza, R., Dasgupta, P., Folke, C., Holling, C.S., Jansson, B.O., Levin, S., Mäler, K.G., Perrings, C., Pimentel, D., 1995. Economic growth, carrying capacity, and the environment. *Science* 268 (5210), 520-521.

Bebbington, J., Larrinaga, C., 2014. Accounting and sustainable development: An exploration. *Accounting, Organ. Soc.* 39, 395-413.

CEDEX, 2010. *Evaluación del impacto del cambio climático en los recursos hídricos en régimen natural*. Ministerio de Medio Ambiente y Medio Rural y Marino, Madrid. 268 pp.

CHS, 2007a. *Estudio general sobre la Demarcación Hidrográfica del Segura*. Ministerio de Medio Ambiente, Madrid. 360 pp.

CHS, 2007b. *Plan de actuación en situaciones de alerta y eventual sequía en la cuenca del Segura*. Ministerio de Medio Ambiente, Madrid. 298 pp.

CHS, 2014a. *Plan Hidrológico de la Cuenca del Segura 2009-2015*. Ministerio de Agricultura, Alimentación y Medio Ambiente, Madrid. 555 pp.

CHS, 2014b. *Propuesta de proyecto de Plan Hidrológico de la Demarcación del Segura 2015/21*. Ministerio de Agricultura, Alimentación y Medio Ambiente, Madrid. 691 pp.

Contreras, S., Hunink, J.E., Baille, A., 2014. *Building a Watershed Information System for the Campo de Cartagena basin (Spain) integrating hydrological modeling and remote sensing*. FutureWater Report 125. Cartagena. 59 pp.

Contreras, S., Jobbágy, E.G., Villagra, P.E., Nosetto, M.D., Puigdefábregas, J., 2011. Remote sensing estimates of supplementary water consumption by arid ecosystems of central Argentina. *J. Hydrol.* 397, 10–22. doi:10.1016/j.jhydrol.2010.11.014

Dimova, G., Tzanov, E., Ninov, P., Ribarova, I., Kossida, M., 2014. Complementary Use of the WEAP Model to Underpin the Development of SEEAW Physical Water Use and Supply Tables. *Procedia Eng.* 70, 563–572. doi:10.1016/j.proeng.2014.02.062

EC, IMF, OECD, UN, WB, 2009. *System of National Accounts 2008*. United Nations, New York. 664 pp.

EEA, 2012. *EEA Catchments and Rivers Network System – ECRINS v1.1: Rationales, building and improving for widening uses to water accounts and WISE applications*. Technical Report No 7/2012. European Environment Agency, Copenhagen K. 111 pp. doi:10.2800/51667

EEA, 2013. *Results and lessons from implementing the Water Assets Accounts in the EEA area*. Technical Report No 7/2013. European Environment Agency, Copenhagen K. 259 pp. doi:10.2800/91744

Glenn, E.P., Huete, A.R., Nagler, P.L., Nelson, S.G., 2008. Relationship between remotely-sensed vegetation indices, canopy attributes and plant physiological processes: What vegetation indices can and cannot tell us about the landscape. *Sensors* 8, 2136–2160. doi:10.3390/s8042136

Glenn, E.P., Neale, C.M.U., Hunsaker, D.J., Nagler, P.L., 2011. Vegetation index-based crop coefficients to estimate evapotranspiration by remote sensing in agricultural and natural ecosystems. *Hydrol. Process.* 25, 4050–4062. doi:10.1002/hyp.8392

Hoekstra, A.Y., Chapagain, A.K., Aldaya, M.M., Mekonnen, M.M., 2011. *The water footprint assessment manual*. Earthscan, London. 203 pp.

Jackson, R.B., Carpenter, S.R., Dahm, C.N., McKnight, D.M., Naiman, R.J., Postel, S.L., Running, S.W., 2001. Water in a changing world. *Ecol. Appl.* 11, 1027–1045.

Kamble, B., Irmak, A., Hubbard, K., 2013. Estimating Crop Coefficients Using Remote Sensing-Based Vegetation Index. *Remote Sens.* 5, 1588–1602. doi:10.3390/rs5041588

Liu, J., Yang, H., 2010. Spatially explicit assessment of global consumptive water uses in cropland: Green and blue water. *J. Hydrol.* 384, 187–197. doi:10.1016/j.jhydrol.2009.11.024

MAGRAMA, 2008. *Instrucción de Planificación Hidrológica*. Ministerio de Medio Ambiente y Rural y Marino, Madrid. 111 pp.

Momblanch, A., Andreu, J., Paredes-Arquiola, J., Solera, A., Pedro-Monzonís, M., 2014. Adapting water accounting for integrated water resource management. The Júcar Water Resource System (Spain). *J. Hydrol.* 519, 3369–3385. doi:10.1016/j.jhydrol.2014.10.002

Parker, L.D., 2005. Social and environmental accountability research: A view from the commentary box. *Accounting, Audit. Account. J.* 18, 842–860. doi:10.1108/09513570510627739

Parker, L.D., 2011. Twenty-one years of social and environmental accountability research: A coming of age. *Account. Forum* 35, 1–10.

Rockström, J., Falkenmark, M., Karlberg, L., Hoff, H., Rost, S., Gerten, D., 2009. Future water availability for global food production: The potential of green water for increasing resilience to global change. *Water Resour. Res.* 45, W00A12. doi:10.1029/2007WR006767

Senent Alonso, M., García-Aróstegui, J.L., 2014. *Sobreexplotación de acuíferos en la cuenca del Segura*. Fundación Instituto Mediterráneo del Agua, Murcia. 231 pp.

Simons, G.W.H. (Gijs), Bastiaanssen, W.G.M. (Wim), Immerzeel, W.W. (Walter), 2015. Water reuse in river basins with multiple users: A literature review. *J. Hydrol.* 522, 558–571. doi:10.1016/j.jhydrol.2015.01.016

Solano, R., Didan, K., Jacobson, A., Huete, A., 2010. *MODIS vegetation indices (MOD13) C5 - User's guide*. The University of Arizona, Tucson. 38 pp.

UN, 2008. *International Standard Industrial Classification of All Economic Activities (ISIC), Rev.4*. United Nations, New York.

UN, 2012. *SEEA-Waterater: System of Environmental-Economic Accounting for Water*. United Nations, New York. 216 pp.

UN, EU, FAO, IMF, OECD, WB, 2014. *System of Environmental-Economic Accounting 2012: Central framework*. United Nations, New York. 378 pp.

Weber, J.-L., 2007. Implementation of land and ecosystem accounts at the European Environment Agency. *Ecol. Econ.* 61, 695–707. doi:10.1016/j.ecolecon.2006.05.023

WWAP, 2012. Managing Water under Uncertainty and Risk. The United Nations World Water Development Report 4. UN-Water, Paris. 407 pp.

Water accounting at the basin scale: water use and supply (2000-2010) in the Segura River Basin using the SEEA framework

Annex 1. Overview fact sheets

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Agriculture

# Agriculture	Description
Data Requirements	- Rainfed & Irrigated crop acreage (municipal-level), and Water Irrigation Requirements by crops (*CWR*) - Volume and origin of the water provided by *W-supply* sector (CHS) to irrigated agriculture - Field-level distribution and stand-level application efficiencies - Volume of reclaimed wastewater supplied by the *W-sanitation* sector - Soil Water: Satellite-based greenness values (NDVI) and potential evapotranspiration rates from agrometeorological stations.
Methods	- Estimation of Gross Irrigation Water Requirements (*GIWR*) from acreage statistics and Crop Water Requirement (*CWR*) values, and Net Irrigation Water Requirements using field distribution and stand application efficiencies. - Soil Water: A baseline actual evapotranspiration rate is computed for rainfed agriculture using a VI-Kc approach and potential evapotranspiration rates. Volumes of green water are finally computed at the sub-basin level using acreage statistics and assuming constant and equal AET rates for rainfed and irrigated crops.
Sources of data	Regional and municipal agricultural statistics (ESYRCE and regional database); SRBMP (CHS, 2013); CHS and MAGRAMA spatial datasets

Industry

# Industry	Description
Data Requirements	- For industries connected to the water distribution network: Volumes of water provided at the municipal level by MCT, and origin of the water supplied (relative contribution to the total of inflows from conventional (interbasin aqueducts, inbasin surface and groundwater resources) and non-conventional sources (desalinization, reclaimed wastewaters) - For industries not-connected: Total of water used by industries (it is assumed that these resources are abstracted from aquifers). - Wastewater generation in: a) connected industries: rates of wastewater generation per inhabitant, b) not-connected industries: 80% of the total water usage.
Methods	Water usage by connected industry. Indirect approach as residual balance among total of water provided by MCT, and water used by households and services (hosteling and urban services). - Water usage by not-connected industry: Raw data from the SRBMP.
Sources of data	Spanish National Institute of Statistics (demography time series); MCT database (volume of water provided at the municipal level); Segura River Water Management Plan (CHS, 2013) and licenses of water usage granted to not-connected industries

Energy

# Energy	Description
Data Requirements	- Annual statisticts of total energy generated at the regional level from hydropower plants (HPP) and thermal power plants (TPP). - Location of power plants and engineering properties (maximum power installation, max. water flow, etc.) - Ratios of power generation-water use efficiencies for HPPs, and fuel-oil and gas TPPs.
Methods	Indirect estimation of total of energy produced per power-plant and REWMU from the annual statistics reported at the regional level.
Sources of data	SIA; Regional statistics on energy production by energy-source; Industrial activity annual reports; Scientific and technical literature

Water Supply

# W-Supply	Description
Data Requirements	- Total inbasin and interbasin Tajo-Segura water inflows available at the basin level and distributed to irrigation agriculture - Total inbasin and interbasin water resources distributed by MCT to municipalities - Relative contribution of different water sources to the total pull of water - High-level conveyance efficiencies
Methods	Analysis and processing of raw data from technical reports and statistics based on: - distribution of water in the head network system by MCT, - water inflows from the interbasin Tajo-Segura aqueduct, - production of desalinized seawater, and - use and abstractions of inbasin surface and groundwater resources
Sources of data	Segura River Basin Management Plan; CHS' and MCT's databases and annual reports

Water Sanitation

# W-Sanitation	Description
Data Requirements	- Wastewater treatment plants, population coverage and total of water treated (Monitored period: 2007 – 2010) - Licenses of reclaimed water provided to other economic activities (agriculture, industry or urban services) or returned to the environment (seawater or river network)
Methods	- Raw data and estimates of volume of wastewater generated by inhabitant at REWMU-level - Estimation of volumes of water directly or indirectly used in other economic activities, or discharged to the sea.
Sources of data	ESAMUR's and MCT's databases; SRBMP; CHS's data on licenses of reclaimed waters

Services

# Services	Description
Data Requirements	- Number of available beds and water consumption ratios per bed category (municipal level) - Number, location and size of golf courses - % distribution of municipal use water to urban services
Methods	- Analysis and processing of raw data at REWMU-level - Licenses of reclaimed wastewaters allocated to golf courses
Sources of data	Regional statistics (Murcia and Alicante); Technical literature and reports; SRBMP

Households

# Households	Description
Data Requirements	- Population dynamics (permanent and temporary) - Water consumption ratios by inhabitant - Water inflows to municipalities from MCT and direct intakes from river-surface resources - Water distribution network efficiencies
Methods	Analysis and processing of raw data at the municipal level from demographic statistics and surveys for estimating temporary population. Both databases are used for computing *equivalent population* and the total of water used at the municipal according the ratios of water consumption per inhabitant surveyed by the Segura Basin Authority. Wastewater generation by households is estimated from the relationship shown in Figure 11.
Sources of data	Statistics on demographic data (permanent population) from INE; Surveys of temporary residential population provided by regional statistical offices (only data available for the Murcia's one); Statistics and Technical Reports from the Regional Agencies for Wastewater Treatment.

Water accounting at the basin scale: water use and supply (2000-2010) in the Segura River Basin using the SEEA framework

Annex 2. Physical Supply and Use Tables

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Physical Supply and Use Tables - Year Avg - REWMU: X - Segura River Basin

A. Physical use table (hm3/year)		Industries									
Avg	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	1429.7	9.5	1352.3	471.8	0.0	0.0	3263.2	0.0		3263.2
	1.a. Abstraction for own use	1429.7	9.5	1352.3	0.0	0.0	0.0	2791.5			2791.5
	Hydroelectric power generation			1234.0				1234.0			1234.0
	Irrigation water	1429.7						1429.7			1429.7
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			116.3				116.3			116.3
	Other (livestock, aquaculture, ...)		9.5	2.1				11.5			11.5
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	471.8	0.0	0.0	471.8			471.8
	1.i. Abstraction from inland water resources:	1415.4	9.5	1236.1	443.9	0.0	0.0	3104.8	0.0		3104.8
	1.i.1. Surface water			1234.0	411.5			1645.5			1645.5
	1.i.2. Groundwater	446.2	9.5	2.1	32.4			490.1			490.1
	1.i.2a. Groundwater (renewable resources)	210.2									
	1.i.2b. Groundwater (non-renewable resources)	236.0									
	1.i.3. Soil Water (*green water*)	969.2						969.2			969.2
	1.ii. Abstraction from other sources	14.3	0.0	116.3	27.9	0.0	0.0	158.5	0.0		158.5
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	14.3		116.3	27.9			158.5			158.5
	2. Use of water received from other economic units	575.3	42.8	0.0	326.4	69.9	9.3	1023.6	105.9	81.3	1210.8
	2.a. Reused water (from W-sanitation)	48.5	0.0				4.3	52.7			52.7
	2.b. Wastewater to sewerage					69.9		69.9			69.9
Within the economy	2.c. Desalinated water (from W-Supply)	4.0	0.0					4.0	23.9		27.9
	2.d. from "W-Supply" (sww)	327.2	13.4				1.2	341.8	21.0		362.7
	2.e. from "W-Supply" (gww)		6.0				0.7	6.7	18.9		25.6
	2.f. from "W-Supply" (tts)	195.7	23.4				3.1	222.2	42.1		264.3
	2.g. from water transfer cannals and aqueducts (tts)				326.4			326.4			
	3. Total use of water (= 1 + 2)	2005.0	52.2	1352.3	798.1	69.9	9.3	4286.8	105.9	81.3	4474.1

B. Physical supply table (hm3/year)		Industries									
Avg	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	19.9	0.0	680.6	63.0	2.5	113.4	47.4	407.7	568.5
	4.i. goes to Agriculture				526.9	48.5					
	4.ii. goes to Industry				42.8	0.0					
Within the economy	4.iV. goes to Services				5.0	4.3					
	4.V. goes to Households				105.9						
	4.a. Reused water					63.0		63.0			63.0
	4.b. Wastewater to sewerage		19.9	0.0			2.5	22.5	47.4		69.9
	4.c. Desalinated water				27.9			27.9			27.9
	5. Total returns (= 5.a + 5.b)	200.3	3.1	1350.3	117.6	6.9	0.4	1678.5	0.0		1678.5
	Hydroelectric power generation			1234.0				1234.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			116.3				116.3			
Into the environment	*Losses in distribution because of leakages*	200.3	0.0		117.6	0.0	0.4	318.3	0.0		
	Treated wastewater		3.1					3.1			
	Other							0.0			
	5.a. To inland water resources	200.3	3.1	1234.0	117.6	0.0	0.4	1555.4	0.0		1555.4
	5.a.1. Surface water		3.1	1234.0				1237.1			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	200.3			117.6	0.0	0.4	318.3	0.0		
	5.b. To other sources (e.g., sea water)			116.3		6.9		123.1			123.1
	6. Total supply of water (= 4 + 5)	200.3	23.0	1350.3	798.1	69.9	3.0	1791.9	47.4		2247.0
	7. Water consumption (= 3 - 6) of which	1804.7	29.2	2.1	0.0	0.0	6.3	2494.9	58.5		2227.1
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
Avg	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					19.9		19.9			19.9
	Energy 35							0.0			0.0
	W-Supply 36	526.9	42.8				5.0	574.6	105.9		680.6
	W-Sanitation 37	48.5	0.0				4.3	52.7			52.7
	Services 38,39/45-99					2.5		2.5			2.5
	Total	575.3	42.8	0.0	0.0	22.5	9.3	649.8	105.9	0.0	755.7
Households						47.4		47.4			47.4
From other reference units					326.4			326.4			326.4
TOTAL		575.3	42.8	0.0	326.4	69.9	9.3	1023.6	105.9	0.0	1129.5

Physical Supply and Use Tables - Year Avg - REWMU: I - Cabecera

A. Physical use table (hm3/year)		Industries									
Avg	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	190.1	0.1	978.8	80.3	0.0	0.0	1249.3	0.0		1249.3
	1.a. Abstraction for own use	190.1	0.1	978.8	0.0	0.0	0.0	1169.0			1169.0
	Hydroelectric power generation			978.8				978.8			978.8
	Irrigation water	190.1						190.1			190.1
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.1	0.0				0.1			0.1
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	80.3	0.0	0.0	80.3			80.3
	1.i. Abstraction from inland water resources:	190.1	0.1	978.8	80.3	0.0	0.0	1249.3	0.0		1249.3
	1.i.1. Surface water			978.8	77.1			1055.9			1055.9
	1.i.2. Groundwater	67.2	0.1	0.0	3.2			70.4			70.4
	1.i.2a. Groundwater (renewable resources)	25.7									
	1.i.2b. Groundwater (non-renewable resources)	41.4									
	1.i.3. Soil Water (*green water*)	122.9						122.9			122.9
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.0			0.0			0.0
	2. Use of water received from other economic units	68.2	0.0	0.0	0.1	3.8	0.0	72.2	5.3	0.0	77.6
	2.a. Reused water (from W-sanitation)	3.0	0.0				0.0	3.0			3.0
	2.b. Wastewater to sewerage					3.8		3.8			3.8
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.0		0.0
	2.d. from "W-Supply" (sww)	65.3	0.0				0.0	65.3	2.7		67.9
	2.e. from "W-Supply" (gww)		0.0				0.0	0.0	2.6		2.6
	2.f. from "W-Supply" (tts)	0.0	0.0				0.0	0.0	0.1		0.1
	2.g. from water transfer cannals and aqueducts (tts)				0.1			0.1			
	3. Total use of water (= 1 + 2)	258.3	0.1	978.8	80.4	3.8	0.0	1321.5	5.3	0.0	1326.9

B. Physical supply table (hm3/year)		Industries									
Avg	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.1	0.0	70.6	3.8	0.0	3.9	3.7	0.2	7.8
	4.i. goes to Agriculture				65.3	3.0					
	4.ii. goes to Industry				0.0	0.0					
Within the economy	4.iV. goes to Services				0.0	0.0					
	4.V. goes to Households				5.3						
	4.a. Reused water					3.8		3.8			3.8
	4.b. Wastewater to sewerage		0.1	0.0			0.0	0.1	3.7		3.8
	4.c. Desalinated water				0.0			0.0			0.0
	5. Total returns (= 5.a + 5.b)	36.0	0.0	978.8	9.8	0.0	0.0	1024.7	0.0		1024.7
	Hydroelectric power generation			978.8				978.8			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	36.0	0.0		9.8	0.0	0.0	45.8	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	36.0	0.0	978.8	9.8	0.0	0.0	1024.7	0.0		1024.7
	5.a.1. Surface water		0.0	978.8				978.8			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	36.0			9.8	0.0	0.0	45.8	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	36.0	0.1	978.8	80.4	3.8	0.0	1028.6	3.7		1032.5
	7. Water consumption (= 3 - 6) of which	222.3	0.0	0.0	0.0	0.0	0.0	292.9	1.6		294.4
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
Avg	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.1		0.1			0.1
	Energy 35							0.0			0.0
	W-Supply 36	65.3	0.0				0.0	65.3	5.3		70.6
	W-Sanitation 37	3.0	0.0				0.0	3.0			3.0
	Services 38,39/45-99					0.0		0.0			0.0
	Total	68.2	0.0	0.0	0.0	0.1	0.0	68.4	5.3	0.0	73.7
Households						3.7		3.7			3.7
From other reference units					0.1			0.1			0.1
TOTAL		68.2	0.0	0.0	0.1	3.8	0.0	72.2	5.3	0.0	77.6

Physical Supply and Use Tables - Year Avg - REWMU: II - Noroeste

A. Physical use table (hm3/year)		Industries							Households	By other reference units (export of water)	TOTAL
Avg	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	184.2	1.0	29.5	24.2	0.0	0.0	238.8	0.0		238.8
	1.a. Abstraction for own use	184.2	1.0	29.5	0.0	0.0	0.0	214.7			214.7
	Hydroelectric power generation			29.5				29.5			29.5
	Irrigation water	184.2						184.2			184.2
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		1.0	0.0				1.0			1.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	24.2	0.0	0.0	24.2			24.2
	1.i. Abstraction from inland water resources:	184.2	1.0	29.5	22.9	0.0	0.0	237.6	0.0		237.6
	1.i.1. Surface water			29.5	21.3			50.8			50.8
	1.i.2. Groundwater	19.5	1.0	0.0	1.6			22.1			22.1
	1.i.2a. Groundwater (renewable resources)	18.4									
	1.i.2b. Groundwater (non-renewable resources)	1.1									
	1.i.3. Soil Water (*green water*)	164.7						164.7			164.7
	1.ii. Abstraction from other sources	0.0	0.0	0.0	1.3	0.0	0.0	1.3	0.0		1.3
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	1.3			1.3			1.3
	2. Use of water received from other economic units	24.0	1.6	0.0	10.1	4.0	0.2	39.8	5.6	2.5	48.0
	2.a. Reused water (from W-sanitation)	2.6	0.0				0.0	2.6			2.6
	2.b. Wastewater to sewerage					4.0		4.0			4.0
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	1.3		1.3
	2.d. from "W-Supply" (sww)	17.4	0.4				0.0	17.8	0.9		18.7
	2.e. from "W-Supply" (gww)		0.2				0.0	0.3	1.0		1.3
	2.f. from "W-Supply" (tts)	4.0	1.0				0.1	5.1	2.4		7.6
	2.g. from water transfer cannals and aqueducts (tts)				10.1			10.1			
	3. Total use of water (= 1 + 2)	208.1	2.6	29.5	34.2	4.0	0.2	278.6	5.6	2.5	286.8

B. Physical supply table (hm3/year)		Industries							Households	By other reference units (import of water)	TOTAL
Avg	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	4. Supply of water to other economic units of which:	0.0	1.2	0.0	28.8	4.0	0.1	6.6	2.8	12.6	21.9
	4.i. goes to Agriculture				21.4	2.6					
	4.ii. goes to Industry				1.6	0.0					
Within the economy	4.iV. goes to Services				0.2	0.0					
	4.V. goes to Households				5.6						
	4.a. Reused water					4.0		4.0			4.0
	4.b. Wastewater to sewerage		1.2	0.0			0.1	1.3	2.8		4.0
	4.c. Desalinated water				1.3			1.3			1.3
	5. Total returns (= 5.a + 5.b)	12.3	0.5	29.5	5.5	0.0	0.0	47.8	0.0		47.8
	Hydroelectric power generation			29.5				29.5			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	12.3	0.0		5.5	0.0	0.0	17.8	0.0		
	Treated wastewater		0.5					0.5			
	Other							0.0			
	5.a. To inland water resources	12.3	0.5	29.5	5.5	0.0	0.0	47.8	0.0		47.8
	5.a.1. Surface water		0.5	29.5				30.0			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	12.3			5.5	0.0	0.0	17.8	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	12.3	1.7	29.5	34.2	4.0	0.1	54.3	2.8		69.7
	7. Water consumption (= 3 - 6) of which	195.8	0.9	0.0	0.0	0.0	0.1	224.3	2.8		217.1
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries							Households	To other reference units	Total
Avg	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					1.2		1.2			1.2
	Energy 35							0.0			0.0
	W-Supply 36	21.4	1.6				0.2	23.2	5.6		28.8
	W-Sanitation 37	2.6	0.0				0.0	2.6			2.6
	Services 38,39/45-99					0.1		0.1			0.1
	Total	24.0	1.6	0.0	0.0	1.3	0.2	27.0	5.6	0.0	32.6
Households						2.8		2.8			2.8
From other reference units					10.1			10.1			10.1
TOTAL		24.0	1.6	0.0	10.1	4.0	0.2	39.8	5.6	0.0	45.4

Physical Supply and Use Tables - Year Avg - REWMU: III - Guadalentín

A. Physical use table (hm3/year)		Industries							Households	By other reference units (export of water)	TOTAL
Avg	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	241.9	0.0	19.8	23.0	0.0	0.0	284.8	0.0		284.8
	1.a. Abstraction for own use	241.9	0.0	19.8	0.0	0.0	0.0	261.8			261.8
	Hydroelectric power generation			19.8				19.8			19.8
	Irrigation water	241.9						241.9			241.9
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.0	0.0				0.0			0.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	23.0	0.0	0.0	23.0			23.0
	1.i. Abstraction from inland water resources:	241.9	0.0	19.8	17.2	0.0	0.0	279.0	0.0		279.0
	1.i.1. Surface water			19.8	13.8			33.6			33.6
	1.i.2. Groundwater	111.3	0.0	0.0	3.4			114.8			114.8
	1.i.2a. Groundwater (renewable resources)	34.5									
	1.i.2b. Groundwater (non-renewable resources)	76.8									
	1.i.3. Soil Water (*green water*)	130.6						130.6			130.6
	1.ii. Abstraction from other sources	0.0	0.0	0.0	5.8	0.0	0.0	5.8	0.0		5.8
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	5.8			5.8			5.8
	2. Use of water received from other economic units	54.1	5.0	0.0	52.9	3.5	0.2	115.6	9.7	12.8	138.1
	2.a. Reused water (from W-sanitation)	3.5	0.0				0.0	3.5			3.5
	2.b. Wastewater to sewerage					3.5		3.5			3.5
Within the economy	2.c. Desalinated water (from W-Supply)	3.5	0.0					3.5	2.2		5.8
	2.d. from "W-Supply" (sww)	9.5	1.1				0.0	10.7	1.5		12.1
	2.e. from "W-Supply" (gww)		0.8				0.0	0.8	2.0		2.8
	2.f. from "W-Supply" (tts)	37.6	3.1				0.1	40.8	4.0		44.7
	2.g. from water transfer cannals and aqueducts (tts)				52.9			52.9			
	3. Total use of water (= 1 + 2)	296.0	5.0	19.8	75.9	3.5	0.2	400.4	9.7	12.8	422.9

B. Physical supply table (hm3/year)		Industries							Households	By other reference units (import of water)	TOTAL
Avg	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	4. Supply of water to other economic units of which:	0.0	1.1	0.0	65.4	3.5	0.0	10.4	2.4	65.7	78.4
	4.i. goes to Agriculture				50.6	3.5					
	4.ii. goes to Industry				5.0	0.0					
Within the economy	4.iV. goes to Services				0.2	0.0					
	4.V. goes to Households				9.7						
	4.a. Reused water					3.5		3.5			3.5
	4.b. Wastewater to sewerage		1.1	0.0			0.0	1.1	2.4		3.5
	4.c. Desalinated water				5.8			5.8			5.8
	5. Total returns (= 5.a + 5.b)	28.8	0.0	19.8	10.4	0.0	0.0	59.0	0.0		59.0
	Hydroelectric power generation			19.8				19.8			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	28.8	0.0		10.4	0.0	0.0	39.2	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	28.8	0.0	19.8	10.4	0.0	0.0	59.0	0.0		59.0
	5.a.1. Surface water		0.0	19.8				19.8			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	28.8			10.4	0.0	0.0	39.2	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	28.8	1.1	19.8	75.9	3.5	0.0	69.4	2.4		137.5
	7. Water consumption (= 3 - 6) of which	267.2	3.9	0.0	0.0	0.0	0.1	330.9	7.3		285.4
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries							Households	To other reference units	Total
Avg	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					1.1		1.1			1.1
	Energy 35							0.0			0.0
	W-Supply 36	50.6	5.0				0.2	55.7	9.7		65.4
	W-Sanitation 37	3.5	0.0				0.0	3.5			3.5
	Services 38,39/45-99					0.0		0.0			0.0
	Total	54.1	5.0	0.0	0.0	1.1	0.2	60.4	9.7	0.0	70.1
Households						2.4		2.4			2.4
From other reference units					52.9			52.9			52.9
TOTAL		54.1	5.0	0.0	52.9	3.5	0.2	115.6	9.7	0.0	125.3

Physical Supply and Use Tables - Year Avg - REWMU: IV - Vega

A. Physical use table (hm3/year)		Industries							Households	By other reference units (export of water)	TOTAL
Avg	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	284.3	7.4	1234.0	265.6	0.0	0.0	1791.3	0.0		1791.3
	1.a. Abstraction for own use	284.3	7.4	1234.0	0.0	0.0	0.0	1525.7			1525.7
	Hydroelectric power generation			1234.0				1234.0			1234.0
	Irrigation water	284.3						284.3			284.3
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		7.4	0.0				7.4			7.4
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	265.6	0.0	0.0	265.6			265.6
	1.i. Abstraction from inland water resources:	284.3	7.4	1234.0	251.1	0.0	0.0	1776.8	0.0		1776.8
	1.i.1. Surface water			1234.0	238.6			1472.6			1472.6
	1.i.2. Groundwater	36.9	7.4	0.0	12.5			56.8			56.8
	1.i.2a. Groundwater (renewable resources)	21.1									
	1.i.2b. Groundwater (non-renewable resources)	15.8									
	1.i.3. Soil Water (*green water*)	247.4						247.4			247.4
	1.ii. Abstraction from other sources	0.0	0.0	0.0	14.5	0.0	0.0	14.5	0.0		14.5
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	14.5			14.5			14.5
	2. Use of water received from other economic units	285.3	19.8	0.0	133.7	37.7	3.2	479.7	58.8	33.5	572.0
	2.a. Reused water (from W-sanitation)	27.3	0.0				1.9	29.3			29.3
	2.b. Wastewater to sewerage					37.7		37.7			37.7
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	14.5		14.5
	2.d. from "W-Supply" (sww)	189.0	8.1				0.3	197.4	12.1		209.5
	2.e. from "W-Supply" (gww)		2.5				0.2	2.6	6.8		9.5
	2.f. from "W-Supply" (tts)	69.0	9.3				0.8	79.1	25.3		104.4
	2.g. from water transfer cannals and aqueducts (tts)				133.7			133.7			
	3. Total use of water (= 1 + 2)	569.6	27.2	1234.0	399.3	37.7	3.2	2271.1	58.8	33.5	2363.3

B. Physical supply table (hm3/year)		Industries							Households	By other reference units (import of water)	TOTAL
Avg	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	4. Supply of water to other economic units of which:	0.0	10.8	0.0	337.8	37.7	0.7	63.6	26.3	167.2	257.1
	4.i. goes to Agriculture				258.0	27.3					
	4.ii. goes to Industry				19.8	0.0					
Within the economy	4.iV. goes to Services				1.3	1.9					
	4.V. goes to Households				58.8						
	4.a. Reused water					37.7		37.7			37.7
	4.b. Wastewater to sewerage		10.8	0.0			0.7	11.4	26.3		37.7
	4.c. Desalinated water				14.5			14.5			14.5
	5. Total returns (= 5.a + 5.b)	80.9	1.8	1234.0	61.5	0.0	0.2	1378.4	0.0		1378.4
	Hydroelectric power generation			1234.0				1234.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	80.9	0.0		61.5	0.0	0.2	142.6	0.0		
	Treated wastewater		1.8					1.8			
	Other							0.0			
	5.a. To inland water resources	80.9	1.8	1234.0	61.5	0.0	0.2	1378.4	0.0		1378.4
	5.a.1. Surface water		1.8	1234.0				1235.7			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	80.9			61.5	0.0	0.2	142.6	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	80.9	12.5	1234.0	399.3	37.7	0.9	1442.0	26.3		1635.4
	7. Water consumption (= 3 - 6) of which	488.7	14.7	0.0	0.0	0.0	2.4	829.1	32.5		727.9
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries							Households	To other reference units	Total
Avg	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					10.8		10.8			10.8
	Energy 35							0.0			0.0
	W-Supply 36	258.0	19.8				1.3	279.1	58.8		337.8
	W-Sanitation 37	27.3	0.0				1.9	29.3			29.3
	Services 38,39/45-99					0.7		0.7			0.7
	Total	285.3	19.8	0.0	0.0	11.4	3.2	319.8	58.8	0.0	378.5
Households						26.3		26.3			26.3
From other reference units					133.7			133.7			133.7
TOTAL		285.3	19.8	0.0	133.7	37.7	3.2	479.7	58.8	0.0	538.5

Physical Supply and Use Tables - Year Avg - REWMU: V - Noreste

A. Physical use table (hm3/year)		Industries									
Avg	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	282.3	0.8	0.0	49.5	0.0	0.0	332.5	0.0		332.5
	1.a. Abstraction for own use	282.3	0.8	0.0	0.0	0.0	0.0	283.0			283.0
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	282.3						282.3			282.3
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.8	0.0				0.8			0.8
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	49.5	0.0	0.0	49.5			49.5
	1.i. Abstraction from inland water resources:	282.3	0.8	0.0	49.2	0.0	0.0	332.3	0.0		332.3
	1.i.1. Surface water			0.0	44.9			44.9			44.9
	1.i.2. Groundwater	89.8	0.8	0.0	4.3			94.8			94.8
	1.i.2a. Groundwater (renewable resources)	22.9									
	1.i.2b. Groundwater (non-renewable resources)	66.9									
	1.i.3. Soil Water (*green water*)	192.5						192.5			192.5
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.0		0.2
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.2			0.2			0.2
	2. Use of water received from other economic units	43.4	0.4	0.0	1.1	3.0	0.1	48.1	4.3	0.3	52.7
	2.a. Reused water (from W-sanitation)	2.6	0.0				0.0	2.6			2.6
	2.b. Wastewater to sewerage					3.0		3.0			3.0
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.2		0.2
	2.d. from "W-Supply" (sww)	40.9	0.1				0.0	41.0	0.2		41.2
	2.e. from "W-Supply" (gww)		0.1				0.0	0.1	3.5		3.6
	2.f. from "W-Supply" (tts)	0.0	0.3				0.1	0.3	0.4		0.7
	2.g. from water transfer cannals and aqueducts (tts)				1.1			1.1			
	3. Total use of water (= 1 + 2)	325.7	1.2	0.0	50.6	3.0	0.1	380.6	4.3	0.3	385.2

B. Physical supply table (hm3/year)		Industries									
Avg	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.7	0.0	45.7	3.0	0.1	4.0	2.3	1.4	7.7
	4.i. goes to Agriculture				40.9	2.6					
	4.ii. goes to Industry				0.4	0.0					
Within the economy	4.iV. goes to Services				0.1	0.0					
	4.V. goes to Households				4.3						
	4.a. Reused water					3.0		3.0			3.0
	4.b. Wastewater to sewerage		0.7	0.0			0.1	0.7	2.3		3.0
	4.c. Desalinated water				0.2			0.2			0.2
	5. Total returns (= 5.a + 5.b)	18.3	0.3	0.0	4.9	0.0	0.0	23.5	0.0		23.5
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	18.3	0.0		4.9	0.0	0.0	23.2	0.0		
	Treated wastewater		0.3					0.3			
	Other							0.0			
	5.a. To inland water resources	18.3	0.3	0.0	4.9	0.0	0.0	23.5	0.0		23.5
	5.a.1. Surface water		0.3	0.0				0.3			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	18.3			4.9	0.0	0.0	23.2	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	18.3	0.9	0.0	50.6	3.0	0.1	27.5	2.3		31.2
	7. Water consumption (= 3 - 6) of which	307.4	0.2	0.0	0.0	0.0	0.1	353.2	2.0		354.0
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
Avg	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.7		0.7			0.7
	Energy 35							0.0			0.0
	W-Supply 36	40.9	0.4				0.1	41.4	4.3		45.7
	W-Sanitation 37	2.6	0.0				0.0	2.6			2.6
	Services 38,39/45-99					0.1		0.1			0.1
	Total	43.4	0.4	0.0	0.0	0.7	0.1	44.7	4.3	0.0	49.0
Households						2.3		2.3			2.3
From other reference units					1.1			1.1			1.1
TOTAL		43.4	0.4	0.0	1.1	3.0	0.1	48.1	4.3	0.0	52.4

Physical Supply and Use Tables - Year Avg - REWMU: VI - Sur Costa

A. Physical use table (hm3/year)		Industries									
Avg	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	74.2	0.0	0.0	8.5	0.0	0.0	82.7	0.0		82.7
	1.a. Abstraction for own use	74.2	0.0	0.0	0.0	0.0	0.0	74.2			74.2
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	74.2						74.2			74.2
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.0	0.0				0.0			0.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	8.5	0.0	0.0	8.5			8.5
	1.i. Abstraction from inland water resources:	61.9	0.0	0.0	7.4	0.0	0.0	69.3	0.0		69.3
	1.i.1. Surface water			0.0	5.6			5.6			5.6
	1.i.2. Groundwater	25.8	0.0	0.0	1.7			27.6			27.6
	1.i.2a. Groundwater (renewable resources)	7.1									
	1.i.2b. Groundwater (non-renewable resources)	18.8									
	1.i.3. Soil Water (*green water*)	36.1						36.1			36.1
	1.ii. Abstraction from other sources	12.3	0.0	0.0	1.2	0.0	0.0	13.4	0.0		13.4
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	12.3		0.0	1.2			13.4			13.4
	2. Use of water received from other economic units	28.6	1.4	0.0	31.5	4.0	0.7	66.3	5.0	8.2	79.4
	2.a. Reused water (from W-sanitation)	1.5	0.0				0.3	1.8			1.8
	2.b. Wastewater to sewerage					4.0		4.0			4.0
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	1.2		1.2
	2.d. from "W-Supply" (sww)	3.9	0.3				0.1	4.3	0.7		5.1
	2.e. from "W-Supply" (gww)		0.2				0.1	0.3	1.1		1.4
	2.f. from "W-Supply" (tts)	23.2	0.8				0.3	24.3	2.0		26.3
	2.g. from water transfer cannals and aqueducts (tts)				31.5			31.5			
	3. Total use of water (= 1 + 2)	102.8	1.4	0.0	40.0	4.0	0.7	149.0	5.0	8.2	162.2

B. Physical supply table (hm3/year)		Industries									
Avg	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.7	0.0	33.9	1.6	0.3	3.8	3.0	39.7	46.5
	4.i. goes to Agriculture				27.1	1.5					
	4.ii. goes to Industry				1.4	0.0					
Within the economy	4.iV. goes to Services				0.5	0.3					
	4.V. goes to Households				5.0						
	4.a. Reused water					1.6		1.6			1.6
	4.b. Wastewater to sewerage		0.7	0.0			0.3	1.0	3.0		4.0
	4.c. Desalinated water				1.2			1.2			1.2
	5. Total returns (= 5.a + 5.b)	6.7	0.0	0.0	6.1	2.4	0.0	15.3	0.0		15.3
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	6.7	0.0		6.1	0.0	0.0	12.9	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	6.7	0.0	0.0	6.1	0.0	0.0	12.9	0.0		12.9
	5.a.1. Surface water		0.0	0.0				0.0			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	6.7			6.1	0.0	0.0	12.9	0.0		
	5.b. To other sources (e.g., sea water)			0.0		2.4		2.4			2.4
	6. Total supply of water (= 4 + 5)	6.7	0.7	0.0	40.0	4.0	0.3	19.1	3.0		61.8
	7. Water consumption (= 3 - 6) of which	96.1	0.6	0.0	0.0	0.0	0.4	129.9	1.9		100.4
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
Avg	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.7		0.7			0.7
	Energy 35							0.0			0.0
	W-Supply 36	27.1	1.4				0.5	29.0	5.0		33.9
	W-Sanitation 37	1.5	0.0				0.3	1.8			1.8
	Services 38,39/45-99					0.3		0.3			0.3
	Total	28.6	1.4	0.0	0.0	1.0	0.7	31.8	5.0	0.0	36.7
Households						3.0		3.0			3.0
From other reference units					31.5			31.5			31.5
TOTAL		28.6	1.4	0.0	31.5	4.0	0.7	66.3	5.0	0.0	71.2

Physical Supply and Use Tables - Year Avg - REWMU: VII - Campo Cartagena

A. Physical use table (hm3/year)		Industries									
Avg	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	172.7	0.2	118.4	20.7	0.0	0.0	311.9	0.0		311.9
	1.a. Abstraction for own use	172.7	0.2	118.4	0.0	0.0	0.0	291.2			291.2
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	172.7						172.7			172.7
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			116.3				116.3			116.3
	Other (livestock, aquaculture, ...)		0.2	2.1				2.3			2.3
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	20.7	0.0	0.0	20.7			20.7
	1.i. Abstraction from inland water resources:	170.7	0.2	2.1	15.7	0.0	0.0	188.7	0.0		188.7
	1.i.1. Surface water			0.0	10.1			10.1			10.1
	1.i.2. Groundwater	95.6	0.2	2.1	5.7			103.6			103.6
	1.i.2a. Groundwater (renewable resources)	80.4									
	1.i.2b. Groundwater (non-renewable resources)	15.2									
	1.i.3. Soil Water (*green water*)	75.0						75.0			75.0
	1.ii. Abstraction from other sources	2.0	0.0	116.3	4.9	0.0	0.0	123.2	0.0		123.2
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea*	2.0		116.3	4.9			123.2			123.2
	2. Use of water received from other economic units	71.7	14.6	0.0	97.0	13.8	4.8	201.8	17.3	23.9	243.0
	2.a. Reused water (from W-sanitation)	8.0	0.0				2.1	10.1			10.1
	2.b. Wastewater to sewerage					13.8		13.8			13.8
Within the economy	2.c. Desalinated water (from W-Supply)	0.5	0.0					0.5	4.5		4.9
	2.d. from "W-Supply" (sww)	1.3	3.4				0.7	5.4	3.0		8.3
	2.e. from "W-Supply" (gww)		2.2				0.4	2.6	2.0		4.6
	2.f. from "W-Supply" (tts)	61.9	9.0				1.7	72.5	7.9		80.4
	2.g. from water transfer cannals and aqueducts (tts)				97.0			97.0			
	3. Total use of water (= 1 + 2)	244.3	14.8	118.4	117.6	13.8	4.8	513.7	17.3	23.9	554.9

B. Physical supply table (hm3/year)		Industries									
Avg	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	5.4	0.0	98.2	9.4	1.4	21.1	7.0	120.9	149.0
	4.i. goes to Agriculture				63.7	8.0					
	4.ii. goes to Industry				14.6	0.0					
Within the economy	4.iV. goes to Services				2.8	2.1					
	4.V. goes to Households				17.3						
	4.a. Reused water					9.4		9.4			9.4
	4.b. Wastewater to sewerage		5.4	0.0			1.4	6.8	7.0		13.8
	4.c. Desalinated water				4.9			4.9			4.9
	5. Total returns (= 5.a + 5.b)	17.2	0.1	116.3	19.4	4.5	0.2	157.6	0.0		157.6
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			116.3				116.3			
Into the environment	*Losses in distribution because of leakages*	17.2	0.0		19.4	0.0	0.2	36.8	0.0		
	Treated wastewater		0.1					0.1			
	Other							0.0			
	5.a. To inland water resources	17.2	0.1	0.0	19.4	0.0	0.2	36.9	0.0		36.9
	5.a.1. Surface water		0.1	0.0				0.1			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	17.2			19.4	0.0	0.2	36.8	0.0		
	5.b. To other sources (e.g., sea water)			116.3		4.5		120.7			120.7
	6. Total supply of water (= 4 + 5)	17.2	5.5	116.3	117.6	13.8	1.6	178.7	7.0		306.6
	7. Water consumption (= 3 - 6) of which	227.1	9.2	2.1	0.0	0.0	3.2	335.0	10.3		248.3
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
Avg	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					5.4		5.4			5.4
	Energy 35							0.0			0.0
	W-Supply 36	63.7	14.6				2.8	81.0	17.3		98.2
	W-Sanitation 37	8.0	0.0				2.1	10.1			10.1
	Services 38,39/45-99					1.4		1.4			1.4
	Total	71.7	14.6	0.0	0.0	6.8	4.8	97.9	17.3	0.0	115.1
Households						7.0		7.0			7.0
From other reference units					97.0			97.0			97.0
TOTAL		71.7	14.6	0.0	97.0	13.8	4.8	201.8	17.3	0.0	219.1

* Desalination of brackish groundwater

Physical Supply and Use Tables - Year 2000 - REWMU: X - Segura River Basin

A. Physical use table (hm3/year)		Industries									
2000	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	1423.7	9.2	1704.4	423.8	0.0	0.0	3561.2	0.0		3561.2
	1.a. Abstraction for own use	1423.7	9.2	1704.4	0.0	0.0	0.0	3137.4			3137.4
	Hydroelectric power generation			1636.2				1636.2			1636.2
	Irrigation water	1423.7						1423.7			1423.7
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			66.2				66.2			66.2
	Other (livestock, aquaculture, ...)		9.2	2.1				11.3			11.3
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	423.8	0.0	0.0	423.8			423.8
	1.i. Abstraction from inland water resources:	1411.7	9.2	1638.3	423.8	0.0	0.0	3483.0	0.0		3483.0
	1.i.1. Surface water			1636.2	393.4			2029.6			2029.6
	1.i.2. Groundwater	452.1	9.2	2.1	30.4			493.8			493.8
	1.i.2a. Groundwater (renewable resources)	212.4									
	1.i.2b. Groundwater (non-renewable resources)	239.7									
	1.i.3. Soil Water (*green water*)	959.6						959.6			959.6
	1.ii. Abstraction from other sources	12.0	0.0	66.2	0.0	0.0	0.0	78.2	0.0		78.2
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	12.0		66.2	0.0			78.2			78.2
	2. Use of water received from other economic units	607.5	49.4	0.0	457.9	28.1	7.8	1150.7	88.1	100.5	1339.4
	2.a. Reused water (from W-sanitation)	24.2	0.0				3.2	27.4			27.4
	2.b. Wastewater to sewerage					28.1		28.1			28.1
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.0		0.0
	2.d. from "W-Supply" (sww)	312.7	14.5				0.9	328.1	19.7		347.8
	2.e. from "W-Supply" (gww)		6.3				0.7	6.9	17.8		24.7
	2.f. from "W-Supply" (tts)	270.7	28.6				3.0	302.3	50.7		353.0
	2.g. from water transfer cannals and aqueducts (tts)				457.9			457.9			
	3. Total use of water (= 1 + 2)	2031.3	58.6	1704.4	881.7	28.1	7.8	4711.9	88.1	100.5	4900.6

B. Physical supply table (hm3/year)		Industries									
2000	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	12.0	0.0	725.5	24.4	1.2	37.5	14.9	558.5	610.9
	4.i. goes to Agriculture				583.4	24.2					
	4.ii. goes to Industry				49.4	0.0					
Within the economy	4.iV. goes to Services				4.6	3.2					
	4.V. goes to Households				88.1						
	4.a. Reused water					24.4		24.4			24.4
	4.b. Wastewater to sewerage		12.0	0.0			1.2	13.1	14.9		28.1
	4.c. Desalinated water				0.0			0.0			0.0
	5. Total returns (= 5.a + 5.b)	209.5	3.1	1702.4	156.3	3.7	0.3	2075.2	0.0		2075.2
	Hydroelectric power generation			1636.2				1636.2			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			66.2				66.2			
Into the environment	*Losses in distribution because of leakages*	209.5	0.0		156.3	0.0	0.3	366.1	0.0		
	Treated wastewater		3.1					3.1			
	Other							0.0			
	5.a. To inland water resources	209.5	3.1	1636.2	156.3	0.0	0.3	2005.4	0.0		2005.4
	5.a.1. Surface water		3.1	1636.2				1639.3			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	209.5			156.3	0.0	0.3	366.1	0.0		
	5.b. To other sources (e.g., sea water)			66.2		3.7		69.9			69.9
	6. Total supply of water (= 4 + 5)	209.5	15.1	1702.4	881.7	28.1	1.5	2112.7	14.9		2686.1
	7. Water consumption (= 3 - 6) of which	1821.8	43.5	2.1	0.0	0.0	6.3	2599.2	73.2		2214.5
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2000	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					12.0		12.0			12.0
	Energy 35							0.0			0.0
	W-Supply 36	583.4	49.4				4.6	637.4	88.1		725.5
	W-Sanitation 37	24.2	0.0				3.2	27.4			27.4
	Services 38,39/45-99					1.2		1.2			1.2
	Total	607.5	49.4	0.0	0.0	13.1	7.8	677.9	88.1	0.0	766.0
Households						14.9		14.9			14.9
From other reference units					457.9			457.9			457.9
TOTAL		607.5	49.4	0.0	457.9	28.1	7.8	1150.7	88.1	0.0	1238.8

Physical Supply and Use Tables - Year 2000 - REWMU: I - Cabecera

A. Physical use table (hm3/year)		Industries									
2000	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	200.0	0.0	1297.9	76.4	0.0	0.0	1574.3	0.0		1574.3
	1.a. Abstraction for own use	200.0	0.0	1297.9	0.0	0.0	0.0	1497.9			1497.9
	Hydroelectric power generation			1297.9				1297.9			1297.9
	Irrigation water	200.0						200.0			200.0
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.0	0.0				0.0			0.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	76.4	0.0	0.0	76.4			76.4
	1.i. Abstraction from inland water resources:	200.0	0.0	1297.9	76.4	0.0	0.0	1574.3	0.0		1574.3
	1.i.1. Surface water			1297.9	73.8			1371.7			1371.7
	1.i.2. Groundwater	68.9	0.0	0.0	2.6			71.5			71.5
	1.i.2a. Groundwater (renewable resources)	26.4									
	1.i.2b. Groundwater (non-renewable resources)	42.5									
	1.i.3. Soil Water (*green water*)	131.1						131.1			131.1
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.0			0.0			0.0
	2. Use of water received from other economic units	64.8	0.1	0.0	0.2	2.4	0.0	67.5	4.9	0.0	72.5
	2.a. Reused water (from W-sanitation)	2.4	0.0				0.0	2.4			2.4
	2.b. Wastewater to sewerage					2.4		2.4			2.4
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.0		0.0
	2.d. from "W-Supply" (sww)	62.4	0.0				0.0	62.4	2.7		65.0
	2.e. from "W-Supply" (gww)		0.0				0.0	0.0	2.2		2.2
	2.f. from "W-Supply" (tts)	0.0	0.0				0.0	0.0	0.1		0.1
	2.g. from water transfer cannals and aqueducts (tts)				0.2			0.2			
	3. Total use of water (= 1 + 2)	264.8	0.1	1297.9	76.6	2.4	0.0	1641.8	4.9	0.0	1646.8

B. Physical supply table (hm3/year)		Industries									
2000	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.0	0.0	67.4	2.4	0.0	2.5	2.4	0.3	5.1
	4.i. goes to Agriculture				62.4	2.4					
	4.ii. goes to Industry				0.1	0.0					
Within the economy	4.iV. goes to Services				0.0	0.0					
	4.V. goes to Households				4.9						
	4.a. Reused water					2.4		2.4			2.4
	4.b. Wastewater to sewerage		0.0	0.0			0.0	0.0	2.4		2.4
	4.c. Desalinated water				0.0			0.0			0.0
	5. Total returns (= 5.a + 5.b)	38.6	0.0	1297.9	9.3	0.0	0.0	1345.8	0.0		1345.8
	Hydroelectric power generation			1297.9				1297.9			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	38.6	0.0		9.3	0.0	0.0	47.9	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	38.6	0.0	1297.9	9.3	0.0	0.0	1345.8	0.0		1345.8
	5.a.1. Surface water		0.0	1297.9				1297.9			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	38.6			9.3	0.0	0.0	47.9	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	38.6	0.0	1297.9	76.6	2.4	0.0	1348.2	2.4		1350.9
	7. Water consumption (= 3 - 6) of which	226.2	0.0	0.0	0.0	0.0	0.0	293.6	2.5		295.9
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2000	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.0		0.0			0.0
	Energy 35							0.0			0.0
	W-Supply 36	62.4	0.1				0.0	62.4	4.9		67.4
	W-Sanitation 37	2.4	0.0				0.0	2.4			2.4
	Services 38,39/45-99					0.0		0.0			0.0
	Total	64.8	0.1	0.0	0.0	0.0	0.0	64.9	4.9	0.0	69.8
Households						2.4		2.4			2.4
From other reference units					0.2			0.2			0.2
TOTAL		64.8	0.1	0.0	0.2	2.4	0.0	67.5	4.9	0.0	72.4

Physical Supply and Use Tables - Year 2000 - REWMU: II - Noroeste

A. Physical use table (hm3/year)		Industries									
2000	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	170.2	1.0	39.0	21.7	0.0	0.0	232.0	0.0		232.0
	1.a. Abstraction for own use	170.2	1.0	39.0	0.0	0.0	0.0	210.3			210.3
	Hydroelectric power generation			39.0				39.0			39.0
	Irrigation water	170.2						170.2			170.2
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		1.0	0.0				1.0			1.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	21.7	0.0	0.0	21.7			21.7
	1.i. Abstraction from inland water resources:	170.2	1.0	39.0	21.7	0.0	0.0	232.0	0.0		232.0
	1.i.1. Surface water			39.0	20.5			59.5			59.5
	1.i.2. Groundwater	19.8	1.0	0.0	1.3			22.1			22.1
	1.i.2a. Groundwater (renewable resources)	18.7									
	1.i.2b. Groundwater (non-renewable resources)	1.1									
	1.i.3. Soil Water (*green water*)	150.4						150.4			150.4
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.0			0.0			0.0
	2. Use of water received from other economic units	25.6	1.7	0.0	15.3	2.6	0.2	45.4	5.1	3.4	53.9
	2.a. Reused water (from W-sanitation)	2.4	0.0				0.0	2.4			2.4
	2.b. Wastewater to sewerage					2.6		2.6			2.6
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.0		0.0
	2.d. from "W-Supply" (sww)	16.6	0.3				0.0	17.0	1.0		18.0
	2.e. from "W-Supply" (gww)		0.2				0.0	0.3	0.8		1.0
	2.f. from "W-Supply" (tts)	6.6	1.1				0.1	7.8	3.3		11.2
	2.g. from water transfer cannals and aqueducts (tts)				15.3			15.3			
	3. Total use of water (= 1 + 2)	195.8	2.7	39.0	37.0	2.6	0.2	277.4	5.1	3.4	285.9

B. Physical supply table (hm3/year)		Industries									
2000	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.9	0.0	30.2	2.6	0.1	3.6	1.6	18.7	23.9
	4.i. goes to Agriculture				23.2	2.4					
	4.ii. goes to Industry				1.7	0.0					
Within the economy	4.iV. goes to Services				0.2	0.0					
	4.V. goes to Households				5.1						
	4.a. Reused water					2.6		2.6			2.6
	4.b. Wastewater to sewerage		0.9	0.0			0.1	1.0	1.6		2.6
	4.c. Desalinated water				0.0			0.0			0.0
	5. Total returns (= 5.a + 5.b)	13.0	0.5	39.0	6.8	0.0	0.0	59.4	0.0		59.4
	Hydroelectric power generation			39.0				39.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	13.0	0.0		6.8	0.0	0.0	19.8	0.0		
	Treated wastewater		0.5					0.5			
	Other							0.0			
	5.a. To inland water resources	13.0	0.5	39.0	6.8	0.0	0.0	59.4	0.0		59.4
	5.a.1. Surface water		0.5	39.0				39.6			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	13.0			6.8	0.0	0.0	19.8	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	13.0	1.5	39.0	37.0	2.6	0.1	63.0	1.6		83.3
	7. Water consumption (= 3 - 6) of which	182.8	1.3	0.0	0.0	0.0	0.1	214.4	3.5		202.6
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2000	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.9		0.9			0.9
	Energy 35							0.0			0.0
	W-Supply 36	23.2	1.7				0.2	25.1	5.1		30.2
	W-Sanitation 37	2.4	0.0				0.0	2.4			2.4
	Services 38,39/45-99					0.1		0.1			0.1
	Total	25.6	1.7	0.0	0.0	1.0	0.2	28.4	5.1	0.0	33.6
Households						1.6		1.6			1.6
From other reference units					15.3			15.3			15.3
TOTAL		25.6	1.7	0.0	15.3	2.6	0.2	45.4	5.1	0.0	50.5

Physical Supply and Use Tables - Year 2000 - REWMU: III - Guadalentín

A. Physical use table (hm3/year)		Industries									
2000	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	241.8	0.0	26.3	16.6	0.0	0.0	284.6	0.0		284.6
	1.a. Abstraction for own use	241.8	0.0	26.3	0.0	0.0	0.0	268.1			268.1
	Hydroelectric power generation			26.3				26.3			26.3
	Irrigation water	241.8						241.8			241.8
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.0	0.0				0.0			0.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	16.6	0.0	0.0	16.6			16.6
	1.i. Abstraction from inland water resources:	241.8	0.0	26.3	16.6	0.0	0.0	284.6	0.0		284.6
	1.i.1. Surface water			26.3	13.1			39.4			39.4
	1.i.2. Groundwater	111.3	0.0	0.0	3.4			114.7			114.7
	1.i.2a. Groundwater (renewable resources)	34.5									
	1.i.2b. Groundwater (non-renewable resources)	76.8									
	1.i.3. Soil Water (*green water*)	130.5						130.5			130.5
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.0			0.0			0.0
	2. Use of water received from other economic units	60.7	5.2	0.0	73.5	1.5	0.2	141.2	8.4	16.1	165.7
	2.a. Reused water (from W-sanitation)	1.5	0.0				0.0	1.5			1.5
	2.b. Wastewater to sewerage					1.5		1.5			1.5
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.0		0.0
	2.d. from "W-Supply" (sww)	9.0	1.0				0.0	10.1	1.5		11.6
	2.e. from "W-Supply" (gww)		0.7				0.0	0.8	2.0		2.8
	2.f. from "W-Supply" (tts)	50.2	3.4				0.1	53.8	4.9		58.6
	2.g. from water transfer cannals and aqueducts (tts)				73.5			73.5			
	3. Total use of water (= 1 + 2)	302.6	5.2	26.3	90.1	1.5	0.2	425.8	8.4	16.1	450.3

B. Physical supply table (hm3/year)		Industries									
2000	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.6	0.0	73.0	1.5	0.0	2.1	0.9	89.7	92.6
	4.i. goes to Agriculture				59.3	1.5					
	4.ii. goes to Industry				5.2	0.0					
Within the economy	4.iV. goes to Services				0.2	0.0					
	4.V. goes to Households				8.4						
	4.a. Reused water					1.5		1.5			1.5
	4.b. Wastewater to sewerage		0.6	0.0			0.0	0.6	0.9		1.5
	4.c. Desalinated water				0.0			0.0			0.0
	5. Total returns (= 5.a + 5.b)	29.7	0.0	26.3	17.1	0.0	0.0	73.1	0.0		73.1
	Hydroelectric power generation			26.3				26.3			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	29.7	0.0		17.1	0.0	0.0	46.8	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	29.7	0.0	26.3	17.1	0.0	0.0	73.1	0.0		73.1
	5.a.1. Surface water		0.0	26.3				26.3			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	29.7			17.1	0.0	0.0	46.8	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	29.7	0.6	26.3	90.1	1.5	0.0	75.1	0.9		165.7
	7. Water consumption (= 3 - 6) of which	272.8	4.6	0.0	0.0	0.0	0.2	350.7	7.5		284.6
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2000	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.6		0.6			0.6
	Energy 35							0.0			0.0
	W-Supply 36	59.3	5.2				0.2	64.7	8.4		73.0
	W-Sanitation 37	1.5	0.0				0.0	1.5			1.5
	Services 38,39/45-99					0.0		0.0			0.0
	Total	60.7	5.2	0.0	0.0	0.6	0.2	66.7	8.4	0.0	75.1
Households						0.9		0.9			0.9
From other reference units					73.5			73.5			73.5
TOTAL		60.7	5.2	0.0	73.5	1.5	0.2	141.2	8.4	0.0	149.5

Physical Supply and Use Tables - Year 2000 - REWMU: IV - Vega

A. Physical use table (hm3/year)		Industries									
2000	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	274.4	7.2	1636.2	239.6	0.0	0.0	2157.4	0.0		2157.4
	1.a. Abstraction for own use	274.4	7.2	1636.2	0.0	0.0	0.0	1917.8			1917.8
	Hydroelectric power generation			1636.2				1636.2			1636.2
	Irrigation water	274.4						274.4			274.4
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		7.2	0.0				7.2			7.2
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	239.6	0.0	0.0	239.6			239.6
	1.i. Abstraction from inland water resources:	274.4	7.2	1636.2	239.6	0.0	0.0	2157.4	0.0		2157.4
	1.i.1. Surface water			1636.2	227.9			1864.1			1864.1
	1.i.2. Groundwater	38.7	7.2	0.0	11.6			57.6			57.6
	1.i.2a. Groundwater (renewable resources)	22.2									
	1.i.2b. Groundwater (non-renewable resources)	16.6									
	1.i.3. Soil Water (*green water*)	235.7						235.7			235.7
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.0			0.0			0.0
	2. Use of water received from other economic units	293.4	24.7	0.0	191.7	10.7	2.8	523.3	47.4	42.1	612.8
	2.a. Reused water (from W-sanitation)	10.7	0.0				1.9	12.7			12.7
	2.b. Wastewater to sewerage					10.7		10.7			10.7
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.0		0.0
	2.d. from "W-Supply" (sww)	180.6	9.6				0.2	190.3	10.8		201.1
	2.e. from "W-Supply" (gww)		2.7				0.1	2.8	6.6		9.4
	2.f. from "W-Supply" (tts)	102.0	12.4				0.6	115.0	30.1		145.1
	2.g. from water transfer cannals and aqueducts (tts)				191.7			191.7			
	3. Total use of water (= 1 + 2)	567.8	31.9	1636.2	431.3	10.7	2.8	2680.7	47.4	42.1	2770.2

B. Physical supply table (hm3/year)		Industries									
2000	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	6.2	0.0	355.6	10.7	0.1	17.1	4.4	233.8	255.3
	4.i. goes to Agriculture				282.7	10.7					
	4.ii. goes to Industry				24.7	0.0					
Within the economy	4.iV. goes to Services				0.8	1.9					
	4.V. goes to Households				47.4						
	4.a. Reused water					10.7		10.7			10.7
	4.b. Wastewater to sewerage		6.2	0.0			0.1	6.3	4.4		10.7
	4.c. Desalinated water				0.0			0.0			0.0
	5. Total returns (= 5.a + 5.b)	83.9	2.1	1636.2	75.7	0.0	0.2	1798.1	0.0		1798.1
	Hydroelectric power generation			1636.2				1636.2			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	83.9	0.0		75.7	0.0	0.2	159.8	0.0		
	Treated wastewater		2.1					2.1			
	Other							0.0			
	5.a. To inland water resources	83.9	2.1	1636.2	75.7	0.0	0.2	1798.1	0.0		1798.1
	5.a.1. Surface water		2.1	1636.2				1638.3			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	83.9			75.7	0.0	0.2	159.8	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	83.9	8.4	1636.2	431.3	10.7	0.3	1815.2	4.4		2053.4
	7. Water consumption (= 3 - 6) of which	483.9	23.5	0.0	0.0	0.0	2.5	865.5	43.0		716.8
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2000	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					6.2		6.2			6.2
	Energy 35							0.0			0.0
	W-Supply 36	282.7	24.7				0.8	308.2	47.4		355.6
	W-Sanitation 37	10.7	0.0				1.9	12.7			12.7
	Services 38,39/45-99					0.1		0.1			0.1
	Total	293.4	24.7	0.0	0.0	6.3	2.8	327.2	47.4	0.0	374.6
Households						4.4		4.4			4.4
From other reference units					191.7			191.7			191.7
TOTAL		293.4	24.7	0.0	191.7	10.7	2.8	523.3	47.4	0.0	570.7

Physical Supply and Use Tables - Year 2000 - REWMU: V - Noreste

A. Physical use table (hm3/year)		Industries									
2000	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	296.6	0.8	0.0	46.8	0.0	0.0	344.2	0.0		344.2
	1.a. Abstraction for own use	296.6	0.8	0.0	0.0	0.0	0.0	297.4			297.4
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	296.6						296.6			296.6
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.8	0.0				0.8			0.8
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	46.8	0.0	0.0	46.8			46.8
	1.i. Abstraction from inland water resources:	296.6	0.8	0.0	46.8	0.0	0.0	344.2	0.0		344.2
	1.i.1. Surface water			0.0	42.9			42.9			42.9
	1.i.2. Groundwater	91.4	0.8	0.0	3.9			96.1			96.1
	1.i.2a. Groundwater (renewable resources)	23.3									
	1.i.2b. Groundwater (non-renewable resources)	68.1									
	1.i.3. Soil Water (*green water*)	205.2						205.2			205.2
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.0			0.0			0.0
	2. Use of water received from other economic units	40.7	0.4	0.0	1.4	1.6	0.1	44.2	3.8	0.3	48.3
	2.a. Reused water (from W-sanitation)	1.6	0.0				0.0	1.6			1.6
	2.b. Wastewater to sewerage					1.6		1.6			1.6
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.0		0.0
	2.d. from "W-Supply" (sww)	39.1	0.1				0.0	39.2	0.2		39.3
	2.e. from "W-Supply" (gww)		0.1				0.0	0.1	3.2		3.2
	2.f. from "W-Supply" (tts)	0.0	0.3				0.1	0.3	0.5		0.9
	2.g. from water transfer cannals and aqueducts (tts)				1.4			1.4			
	3. Total use of water (= 1 + 2)	337.3	1.2	0.0	48.2	1.6	0.1	388.3	3.8	0.3	392.5

B. Physical supply table (hm3/year)		Industries									
2000	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.5	0.0	43.4	1.6	0.0	2.1	1.1	1.7	4.9
	4.i. goes to Agriculture				39.1	1.6					
	4.ii. goes to Industry				0.4	0.0					
Within the economy	4.iV. goes to Services				0.1	0.0					
	4.V. goes to Households				3.8						
	4.a. Reused water					1.6		1.6			1.6
	4.b. Wastewater to sewerage		0.5	0.0			0.0	0.5	1.1		1.6
	4.c. Desalinated water				0.0			0.0			0.0
	5. Total returns (= 5.a + 5.b)	18.2	0.3	0.0	4.8	0.0	0.0	23.3	0.0		23.3
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	18.2	0.0		4.8	0.0	0.0	23.0	0.0		
	Treated wastewater		0.3					0.3			
	Other							0.0			
	5.a. To inland water resources	18.2	0.3	0.0	4.8	0.0	0.0	23.3	0.0		23.3
	5.a.1. Surface water		0.3	0.0				0.3			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	18.2			4.8	0.0	0.0	23.0	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	18.2	0.8	0.0	48.2	1.6	0.0	25.4	1.1		28.2
	7. Water consumption (= 3 - 6) of which	319.0	0.4	0.0	0.0	0.0	0.1	362.9	2.8		364.3
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2000	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.5		0.5			0.5
	Energy 35							0.0			0.0
	W-Supply 36	39.1	0.4				0.1	39.6	3.8		43.4
	W-Sanitation 37	1.6	0.0				0.0	1.6			1.6
	Services 38,39/45-99					0.0		0.0			0.0
	Total	40.7	0.4	0.0	0.0	0.5	0.1	41.7	3.8	0.0	45.5
Households						1.1		1.1			1.1
From other reference units					1.4			1.4			1.4
TOTAL		40.7	0.4	0.0	1.4	1.6	0.1	44.2	3.8	0.0	48.0

Physical Supply and Use Tables - Year 2000 - REWMU: VI - Sur Costa

A. Physical use table (hm3/year)		Industries									
2000	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	70.1	0.0	0.0	6.7	0.0	0.0	76.7	0.0		76.7
	1.a. Abstraction for own use	70.1	0.0	0.0	0.0	0.0	0.0	70.1			70.1
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	70.1						70.1			70.1
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.0	0.0				0.0			0.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	6.7	0.0	0.0	6.7			6.7
	1.i. Abstraction from inland water resources:	60.1	0.0	0.0	6.7	0.0	0.0	66.7	0.0		66.7
	1.i.1. Surface water			0.0	5.2			5.2			5.2
	1.i.2. Groundwater	26.8	0.0	0.0	1.5			28.3			28.3
	1.i.2a. Groundwater (renewable resources)	7.3									
	1.i.2b. Groundwater (non-renewable resources)	19.5									
	1.i.3. Soil Water (*green water*)	33.2						33.2			33.2
	1.ii. Abstraction from other sources	10.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0		10.0
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	10.0		0.0	0.0			10.0			10.0
	2. Use of water received from other economic units	30.8	1.4	0.0	36.5	2.7	0.5	71.8	3.8	8.0	83.5
	2.a. Reused water (from W-sanitation)	1.1	0.0				0.0	1.1			1.1
	2.b. Wastewater to sewerage					2.7		2.7			2.7
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.0		0.0
	2.d. from "W-Supply" (sww)	3.7	0.3				0.1	4.1	0.7		4.8
	2.e. from "W-Supply" (gww)		0.2				0.1	0.3	0.9		1.2
	2.f. from "W-Supply" (tts)	25.9	0.9				0.3	27.2	2.2		29.3
	2.g. from water transfer cannals and aqueducts (tts)				36.5			36.5			
	3. Total use of water (= 1 + 2)	100.8	1.4	0.0	43.2	2.7	0.5	148.5	3.8	8.0	160.3

B. Physical supply table (hm3/year)		Industries									
2000	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.7	0.0	35.3	1.1	0.2	2.0	1.8	44.5	48.2
	4.i. goes to Agriculture				29.7	1.1					
	4.ii. goes to Industry				1.4	0.0					
Within the economy	4.iV. goes to Services				0.5	0.0					
	4.V. goes to Households				3.8						
	4.a. Reused water					1.1		1.1			1.1
	4.b. Wastewater to sewerage		0.7	0.0			0.2	0.9	1.8		2.7
	4.c. Desalinated water				0.0			0.0			0.0
	5. Total returns (= 5.a + 5.b)	6.8	0.0	0.0	7.8	1.6	0.0	16.3	0.0		16.3
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	6.8	0.0		7.8	0.0	0.0	14.7	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	6.8	0.0	0.0	7.8	0.0	0.0	14.7	0.0		14.7
	5.a.1. Surface water		0.0	0.0				0.0			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	6.8			7.8	0.0	0.0	14.7	0.0		
	5.b. To other sources (e.g., sea water)			0.0		1.6		1.6			1.6
	6. Total supply of water (= 4 + 5)	6.8	0.7	0.0	43.2	2.7	0.2	18.2	1.8		64.5
	7. Water consumption (= 3 - 6) of which	94.0	0.8	0.0	0.0	0.0	0.2	130.3	2.0		95.8
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2000	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.7		0.7			0.7
	Energy 35							0.0			0.0
	W-Supply 36	29.7	1.4				0.5	31.6	3.8		35.3
	W-Sanitation 37	1.1	0.0				0.0	1.1			1.1
	Services 38,39/45-99					0.2		0.2			0.2
	Total	30.8	1.4	0.0	0.0	0.9	0.5	33.5	3.8	0.0	37.3
Households						1.8		1.8			1.8
From other reference units					36.5			36.5			36.5
TOTAL		30.8	1.4	0.0	36.5	2.7	0.5	71.8	3.8	0.0	75.5

Physical Supply and Use Tables - Year 2000 - REWMU: VII - Campo Cartagena

A. Physical use table (hm3/year)		Industries									
2000	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	170.6	0.2	68.3	16.0	0.0	0.0	255.1	0.0		255.1
	1.a. Abstraction for own use	170.6	0.2	68.3	0.0	0.0	0.0	239.1			239.1
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	170.6						170.6			170.6
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			66.2				66.2			66.2
	Other (livestock, aquaculture, ...)		0.2	2.1				2.3			2.3
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	16.0	0.0	0.0	16.0			16.0
	1.i. Abstraction from inland water resources:	168.6	0.2	2.1	16.0	0.0	0.0	186.9	0.0		186.9
	1.i.1. Surface water			0.0	9.9			9.9			9.9
	1.i.2. Groundwater	95.1	0.2	2.1	6.1			103.5			103.5
	1.i.2a. Groundwater (renewable resources)	80.0									
	1.i.2b. Groundwater (non-renewable resources)	15.1									
	1.i.3. Soil Water (*green water*)	73.5						73.5			73.5
	1.ii. Abstraction from other sources	2.0	0.0	66.2	0.0	0.0	0.0	68.2	0.0		68.2
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea*	2.0		66.2	0.0			68.2			68.2
	2. Use of water received from other economic units	91.6	15.9	0.0	139.3	6.6	4.1	257.5	14.7	30.6	302.7
	2.a. Reused water (from W-sanitation)	4.4	0.0				1.3	5.7			5.7
	2.b. Wastewater to sewerage					6.6		6.6			6.6
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.0		0.0
	2.d. from "W-Supply" (sww)	1.3	3.2				0.6	5.0	2.9		8.0
	2.e. from "W-Supply" (gww)		2.3				0.4	2.7	2.1		4.8
	2.f. from "W-Supply" (tts)	85.9	10.5				1.9	98.2	9.6		107.8
	2.g. from water transfer cannals and aqueducts (tts)				139.3			139.3			
	3. Total use of water (= 1 + 2)	262.2	16.1	68.3	155.3	6.6	4.1	512.6	14.7	30.6	557.8

B. Physical supply table (hm3/year)		Industries									
2000	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	3.1	0.0	120.6	4.4	0.8	8.2	2.7	169.9	180.9
	4.i. goes to Agriculture				87.1	4.4					
	4.ii. goes to Industry				15.9	0.0					
Within the economy	4.iV. goes to Services				2.8	1.3					
	4.V. goes to Households				14.7						
	4.a. Reused water					4.4		4.4			4.4
	4.b. Wastewater to sewerage		3.1	0.0			0.8	3.8	2.7		6.6
	4.c. Desalinated water				0.0			0.0			0.0
	5. Total returns (= 5.a + 5.b)	19.2	0.1	66.2	34.8	2.1	0.1	122.5	0.0		122.5
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			66.2				66.2			
Into the environment	*Losses in distribution because of leakages*	19.2	0.0		34.8	0.0	0.1	54.1	0.0		
	Treated wastewater		0.1					0.1			
	Other							0.0			
	5.a. To inland water resources	19.2	0.1	0.0	34.8	0.0	0.1	54.2	0.0		54.2
	5.a.1. Surface water		0.1	0.0				0.1			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	19.2			34.8	0.0	0.1	54.1	0.0		
	5.b. To other sources (e.g., sea water)			66.2		2.1		68.3			68.3
	6. Total supply of water (= 4 + 5)	19.2	3.2	66.2	155.3	6.6	0.9	130.7	2.7		303.4
	7. Water consumption (= 3 - 6) of which	243.0	13.0	2.1	0.0	0.0	3.2	381.8	11.9		254.5
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2000	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					3.1		3.1			3.1
	Energy 35							0.0			0.0
	W-Supply 36	87.1	15.9				2.8	105.9	14.7		120.6
	W-Sanitation 37	4.4	0.0				1.3	5.7			5.7
	Services 38,39/45-99					0.8		0.8			0.8
	Total	91.6	15.9	0.0	0.0	3.8	4.1	115.4	14.7	0.0	130.1
Households						2.7		2.7			2.7
From other reference units					139.3			139.3			139.3
TOTAL		91.6	15.9	0.0	139.3	6.6	4.1	257.5	14.7	0.0	272.2

* Desalination of brackish groundwater

Physical Supply and Use Tables - Year 2001 - REWMU: X - Segura River Basin

A. Physical use table (hm3/year)		Industries									
2001	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	1428.1	9.2	1704.4	620.5	0.0	0.0	3762.3	0.0		3762.3
	1.a. Abstraction for own use	1428.1	9.2	1704.4	0.0	0.0	0.0	3141.8			3141.8
	Hydroelectric power generation			1636.2				1636.2			1636.2
	Irrigation water	1428.1						1428.1			1428.1
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			66.2				66.2			66.2
	Other (livestock, aquaculture, ...)		9.2	2.1				11.3			11.3
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	620.5	0.0	0.0	620.5			620.5
	1.i. Abstraction from inland water resources:	1416.1	9.2	1638.3	620.5	0.0	0.0	3684.1	0.0		3684.1
	1.i.1. Surface water			1636.2	595.3			2231.5			2231.5
	1.i.2. Groundwater	461.0	9.2	2.1	25.2			497.5			497.5
	1.i.2a. Groundwater (renewable resources)	217.6									
	1.i.2b. Groundwater (non-renewable resources)	243.4									
	1.i.3. Soil Water (*green water*)	955.1						955.1			955.1
	1.ii. Abstraction from other sources	12.0	0.0	66.2	0.0	0.0	0.0	78.2	0.0		78.2
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	12.0		66.2	0.0			78.2			78.2
	2. Use of water received from other economic units	841.6	49.6	0.0	510.4	29.0	7.9	1438.4	91.7	98.9	1629.0
	2.a. Reused water (from W-sanitation)	24.9	0.0				3.2	28.1			28.1
	2.b. Wastewater to sewerage					29.0		29.0			29.0
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.0		0.0
	2.d. from "W-Supply" (sww)	487.7	15.6				1.1	504.4	23.2		527.6
	2.e. from "W-Supply" (gww)		4.6				0.5	5.1	15.4		20.5
	2.f. from "W-Supply" (tts)	329.0	29.3				3.1	361.4	53.1		414.5
	2.g. from water transfer cannals and aqueducts (tts)				510.4			510.4			
	3. Total use of water (= 1 + 2)	2269.8	58.8	1704.4	1130.9	29.0	7.9	5200.7	91.7	98.9	5391.3

B. Physical supply table (hm3/year)		Industries									
2001	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	12.2	0.0	962.6	25.1	1.1	38.4	15.7	609.2	663.3
	4.i. goes to Agriculture				816.7	24.9					
	4.ii. goes to Industry				49.6	0.0					
Within the economy	4.iV. goes to Services				4.7	3.2					
	4.V. goes to Households				91.7						
	4.a. Reused water					25.1		25.1			25.1
	4.b. Wastewater to sewerage		12.2	0.0			1.1	13.3	15.7		29.0
	4.c. Desalinated water				0.0			0.0			0.0
	5. Total returns (= 5.a + 5.b)	262.4	3.1	1702.4	168.2	3.9	0.3	2140.3	0.0		2140.3
	Hydroelectric power generation			1636.2				1636.2			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			66.2				66.2			
Into the environment	*Losses in distribution because of leakages*	262.4	0.0		168.2	0.0	0.3	430.9	0.0		
	Treated wastewater		3.1					3.1			
	Other							0.0			
	5.a. To inland water resources	262.4	3.1	1636.2	168.2	0.0	0.3	2070.2	0.0		2070.2
	5.a.1. Surface water		3.1	1636.2				1639.3			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	262.4			168.2	0.0	0.3	430.9	0.0		
	5.b. To other sources (e.g., sea water)			66.2		3.9		70.1			70.1
	6. Total supply of water (= 4 + 5)	262.4	15.3	1702.4	1130.9	29.0	1.4	2178.7	15.7		2803.6
	7. Water consumption (= 3 - 6) of which	2007.4	43.5	2.1	0.0	0.0	6.4	3022.0	76.0		2587.7
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2001	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					12.2		12.2			12.2
	Energy 35							0.0			0.0
	W-Supply 36	816.7	49.6				4.7	871.0	91.7		962.6
	W-Sanitation 37	24.9	0.0				3.2	28.1			28.1
	Services 38,39/45-99					1.1		1.1			1.1
	Total	841.6	49.6	0.0	0.0	13.3	7.9	912.4	91.7	0.0	1004.1
Households						15.7		15.7			15.7
From other reference units					510.4			510.4			510.4
TOTAL		841.6	49.6	0.0	510.4	29.0	7.9	1438.4	91.7	0.0	1530.1

Physical Supply and Use Tables - Year 2001 - REWMU: I - Cabecera

A. Physical use table (hm3/year)		Industries							Households	By other reference units (export of water)	TOTAL
2001	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	197.4	0.0	1297.9	116.0	0.0	0.0	1611.2	0.0		1611.2
	1.a. Abstraction for own use	197.4	0.0	1297.9	0.0	0.0	0.0	1495.2			1495.2
	Hydroelectric power generation			1297.9				1297.9			1297.9
	Irrigation water	197.4						197.4			197.4
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.0	0.0				0.0			0.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	116.0	0.0	0.0	116.0			116.0
	1.i. Abstraction from inland water resources:	197.4	0.0	1297.9	116.0	0.0	0.0	1611.2	0.0		1611.2
	1.i.1. Surface water			1297.9	113.3			1411.2			1411.2
	1.i.2. Groundwater	68.8	0.0	0.0	2.7			71.4			71.4
	1.i.2a. Groundwater (renewable resources)	26.4									
	1.i.2b. Groundwater (non-renewable resources)	42.4									
	1.i.3. Soil Water (*green water*)	128.6						128.6			128.6
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.0			0.0			0.0
	2. Use of water received from other economic units	99.7	0.1	0.0	0.2	2.5	0.0	102.5	5.0	0.0	107.5
	2.a. Reused water (from W-sanitation)	2.5	0.0				0.0	2.5			2.5
	2.b. Wastewater to sewerage					2.5		2.5			2.5
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.0		0.0
	2.d. from "W-Supply" (sww)	97.3	0.0				0.0	97.3	2.7		100.0
	2.e. from "W-Supply" (gww)		0.0				0.0	0.0	2.2		2.2
	2.f. from "W-Supply" (tts)	0.0	0.1				0.0	0.1	0.1		0.2
	2.g. from water transfer cannals and aqueducts (tts)				0.2			0.2			
	3. Total use of water (= 1 + 2)	297.1	0.1	1297.9	116.2	2.5	0.0	1713.7	5.0	0.0	1718.7

B. Physical supply table (hm3/year)		Industries							Households	By other reference units (import of water)	TOTAL
2001	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	4. Supply of water to other economic units of which:	0.0	0.0	0.0	102.3	2.5	0.0	2.5	2.4	0.3	5.2
	4.i. goes to Agriculture				97.3	2.5					
	4.ii. goes to Industry				0.1	0.0					
Within the economy	4.iV. goes to Services				0.0	0.0					
	4.V. goes to Households				5.0						
	4.a. Reused water					2.5		2.5			2.5
	4.b. Wastewater to sewerage		0.0	0.0			0.0	0.0	2.4		2.5
	4.c. Desalinated water				0.0			0.0			0.0
	5. Total returns (= 5.a + 5.b)	48.5	0.0	1297.9	13.9	0.0	0.0	1360.3	0.0		1360.3
	Hydroelectric power generation			1297.9				1297.9			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	48.5	0.0		13.9	0.0	0.0	62.4	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	48.5	0.0	1297.9	13.9	0.0	0.0	1360.3	0.0		1360.3
	5.a.1. Surface water		0.0	1297.9				1297.9			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	48.5			13.9	0.0	0.0	62.4	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	48.5	0.0	1297.9	116.2	2.5	0.0	1362.7	2.4		1365.4
	7. Water consumption (= 3 - 6) of which	248.6	0.0	0.0	0.0	0.0	0.0	351.0	2.6		353.3
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries							Households	To other reference units	Total
2001	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.0		0.0			0.0
	Energy 35							0.0			0.0
	W-Supply 36	97.3	0.1				0.0	97.4	5.0		102.3
	W-Sanitation 37	2.5	0.0				0.0	2.5			2.5
	Services 38,39/45-99					0.0		0.0			0.0
	Total	99.7	0.1	0.0	0.0	0.0	0.0	99.9	5.0	0.0	104.8
Households						2.4		2.4			2.4
From other reference units					0.2			0.2			0.2
TOTAL		99.7	0.1	0.0	0.2	2.5	0.0	102.5	5.0	0.0	107.5

Physical Supply and Use Tables - Year 2001 - REWMU: II - Noroeste

A. Physical use table (hm3/year)		Industries									
2001	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	180.3	1.0	39.0	32.3	0.0	0.0	252.7	0.0		252.7
	1.a. Abstraction for own use	180.3	1.0	39.0	0.0	0.0	0.0	220.4			220.4
	Hydroelectric power generation			39.0				39.0			39.0
	Irrigation water	180.3						180.3			180.3
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		1.0	0.0				1.0			1.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	32.3	0.0	0.0	32.3			32.3
	1.i. Abstraction from inland water resources:	180.3	1.0	39.0	32.3	0.0	0.0	252.7	0.0		252.7
	1.i.1. Surface water			39.0	31.2			70.3			70.3
	1.i.2. Groundwater	20.0	1.0	0.0	1.1			22.1			22.1
	1.i.2a. Groundwater (renewable resources)	18.9									
	1.i.2b. Groundwater (non-renewable resources)	1.1									
	1.i.3. Soil Water (*green water*)	160.3						160.3			160.3
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.0			0.0			0.0
	2. Use of water received from other economic units	36.1	1.6	0.0	15.7	2.7	0.2	56.3	5.3	3.0	64.6
	2.a. Reused water (from W-sanitation)	2.4	0.0				0.0	2.4			2.4
	2.b. Wastewater to sewerage					2.7		2.7			2.7
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.0		0.0
	2.d. from "W-Supply" (sww)	25.9	0.4				0.0	26.3	1.2		27.5
	2.e. from "W-Supply" (gww)		0.2				0.0	0.2	0.7		0.9
	2.f. from "W-Supply" (tts)	7.8	1.1				0.1	9.0	3.4		12.3
	2.g. from water transfer cannals and aqueducts (tts)				15.7			15.7			
	3. Total use of water (= 1 + 2)	216.4	2.6	39.0	48.1	2.7	0.2	309.0	5.3	3.0	317.3

B. Physical supply table (hm3/year)		Industries									
2001	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.9	0.0	40.7	2.7	0.1	3.6	1.7	18.8	24.1
	4.i. goes to Agriculture				33.7	2.4					
	4.ii. goes to Industry				1.6	0.0					
Within the economy	4.iV. goes to Services				0.2	0.0					
	4.V. goes to Households				5.3						
	4.a. Reused water					2.7		2.7			2.7
	4.b. Wastewater to sewerage		0.9	0.0			0.1	0.9	1.7		2.7
	4.c. Desalinated water				0.0			0.0			0.0
	5. Total returns (= 5.a + 5.b)	15.8	0.5	39.0	7.4	0.0	0.0	62.8	0.0		62.8
	Hydroelectric power generation			39.0				39.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	15.8	0.0		7.4	0.0	0.0	23.2	0.0		
	Treated wastewater		0.5					0.5			
	Other							0.0			
	5.a. To inland water resources	15.8	0.5	39.0	7.4	0.0	0.0	62.8	0.0		62.8
	5.a.1. Surface water		0.5	39.0				39.6			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	15.8			7.4	0.0	0.0	23.2	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	15.8	1.4	39.0	48.1	2.7	0.1	66.4	1.7		86.9
	7. Water consumption (= 3 - 6) of which	200.6	1.2	0.0	0.0	0.0	0.1	242.6	3.6		230.4
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2001	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.9		0.9			0.9
	Energy 35							0.0			0.0
	W-Supply 36	33.7	1.6				0.2	35.4	5.3		40.7
	W-Sanitation 37	2.4	0.0				0.0	2.4			2.4
	Services 38,39/45-99					0.1		0.1			0.1
	Total	36.1	1.6	0.0	0.0	0.9	0.2	38.8	5.3	0.0	44.1
Households						1.7		1.7			1.7
From other reference units					15.7			15.7			15.7
TOTAL		36.1	1.6	0.0	15.7	2.7	0.2	56.3	5.3	0.0	61.5

Physical Supply and Use Tables - Year 2001 - REWMU: III - Guadalentín

A. Physical use table (hm3/year)		Industries									
2001	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	241.8	0.0	26.3	22.3	0.0	0.0	290.3	0.0		290.3
	1.a. Abstraction for own use	241.8	0.0	26.3	0.0	0.0	0.0	268.1			268.1
	Hydroelectric power generation			26.3				26.3			26.3
	Irrigation water	241.8						241.8			241.8
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.0	0.0				0.0			0.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	22.3	0.0	0.0	22.3			22.3
	1.i. Abstraction from inland water resources:	241.8	0.0	26.3	22.3	0.0	0.0	290.3	0.0		290.3
	1.i.1. Surface water			26.3	19.4			45.7			45.7
	1.i.2. Groundwater	113.1	0.0	0.0	2.9			116.0			116.0
	1.i.2a. Groundwater (renewable resources)	35.0									
	1.i.2b. Groundwater (non-renewable resources)	78.1									
	1.i.3. Soil Water (*green water*)	128.7						128.7			128.7
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.0			0.0			0.0
	2. Use of water received from other economic units	89.9	5.3	0.0	99.6	1.5	0.2	196.6	8.8	19.3	224.6
	2.a. Reused water (from W-sanitation)	1.5	0.0				0.0	1.5			1.5
	2.b. Wastewater to sewerage					1.5		1.5			1.5
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.0		0.0
	2.d. from "W-Supply" (sww)	14.1	1.2				0.0	15.4	1.8		17.2
	2.e. from "W-Supply" (gww)		0.6				0.0	0.6	1.8		2.4
	2.f. from "W-Supply" (tts)	74.3	3.5				0.1	77.9	5.2		83.1
	2.g. from water transfer cannals and aqueducts (tts)				99.6			99.6			
	3. Total use of water (= 1 + 2)	331.7	5.3	26.3	121.8	1.5	0.2	486.9	8.8	19.3	514.9

B. Physical supply table (hm3/year)		Industries									
2001	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.6	0.0	102.7	1.5	0.0	2.1	1.0	118.9	122.0
	4.i. goes to Agriculture				88.4	1.5					
	4.ii. goes to Industry				5.3	0.0					
Within the economy	4.iV. goes to Services				0.2	0.0					
	4.V. goes to Households				8.8						
	4.a. Reused water					1.5		1.5			1.5
	4.b. Wastewater to sewerage		0.6	0.0			0.0	0.6	1.0		1.5
	4.c. Desalinated water				0.0			0.0			0.0
	5. Total returns (= 5.a + 5.b)	35.1	0.0	26.3	19.2	0.0	0.0	80.5	0.0		80.5
	Hydroelectric power generation			26.3				26.3			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	35.1	0.0		19.2	0.0	0.0	54.2	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	35.1	0.0	26.3	19.2	0.0	0.0	80.5	0.0		80.5
	5.a.1. Surface water		0.0	26.3				26.3			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	35.1			19.2	0.0	0.0	54.2	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	35.1	0.6	26.3	121.8	1.5	0.0	82.7	1.0		202.5
	7. Water consumption (= 3 - 6) of which	296.7	4.7	0.0	0.0	0.0	0.2	404.2	7.8		312.5
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2001	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.6		0.6			0.6
	Energy 35							0.0			0.0
	W-Supply 36	88.4	5.3				0.2	93.9	8.8		102.7
	W-Sanitation 37	1.5	0.0				0.0	1.5			1.5
	Services 38,39/45-99					0.0		0.0			0.0
	Total	89.9	5.3	0.0	0.0	0.6	0.2	96.0	8.8	0.0	104.8
Households						1.0		1.0			1.0
From other reference units					99.6			99.6			99.6
TOTAL		89.9	5.3	0.0	99.6	1.5	0.2	196.6	8.8	0.0	205.3

Physical Supply and Use Tables - Year 2001 - REWMU: IV - Vega

A. Physical use table (hm3/year)		Industries									
2001	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	271.2	7.2	1636.2	353.4	0.0	0.0	2267.9	0.0		2267.9
	1.a. Abstraction for own use	271.2	7.2	1636.2	0.0	0.0	0.0	1914.6			1914.6
	Hydroelectric power generation			1636.2				1636.2			1636.2
	Irrigation water	271.2						271.2			271.2
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		7.2	0.0				7.2			7.2
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	353.4	0.0	0.0	353.4			353.4
	1.i. Abstraction from inland water resources:	271.2	7.2	1636.2	353.4	0.0	0.0	2267.9	0.0		2267.9
	1.i.1. Surface water			1636.2	344.6			1980.8			1980.8
	1.i.2. Groundwater	43.8	7.2	0.0	8.7			59.8			59.8
	1.i.2a. Groundwater (renewable resources)	25.1									
	1.i.2b. Groundwater (non-renewable resources)	18.8									
	1.i.3. Soil Water (*green water*)	227.4						227.4			227.4
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.0			0.0			0.0
	2. Use of water received from other economic units	401.8	24.4	0.0	193.1	11.0	3.0	633.4	49.4	37.4	720.2
	2.a. Reused water (from W-sanitation)	11.0	0.0				1.9	13.0			13.0
	2.b. Wastewater to sewerage					11.0		11.0			11.0
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.0		0.0
	2.d. from "W-Supply" (sww)	281.7	9.8				0.2	291.8	13.0		304.8
	2.e. from "W-Supply" (gww)		2.0				0.1	2.1	5.0		7.1
	2.f. from "W-Supply" (tts)	109.1	12.6				0.7	122.4	31.5		153.9
	2.g. from water transfer cannals and aqueducts (tts)				193.1			193.1			
	3. Total use of water (= 1 + 2)	673.0	31.6	1636.2	546.5	11.0	3.0	2901.3	49.4	37.4	2988.1

B. Physical supply table (hm3/year)		Industries									
2001	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	6.3	0.0	465.7	11.0	0.1	17.4	4.6	230.5	252.6
	4.i. goes to Agriculture				390.8	11.0					
	4.ii. goes to Industry				24.4	0.0					
Within the economy	4.iV. goes to Services				1.1	1.9					
	4.V. goes to Households				49.4						
	4.a. Reused water					11.0		11.0			11.0
	4.b. Wastewater to sewerage		6.3	0.0			0.1	6.4	4.6		11.0
	4.c. Desalinated water				0.0			0.0			0.0
	5. Total returns (= 5.a + 5.b)	112.4	2.1	1636.2	80.8	0.0	0.2	1831.7	0.0		1831.7
	Hydroelectric power generation			1636.2				1636.2			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	112.4	0.0		80.8	0.0	0.2	193.4	0.0		
	Treated wastewater		2.1					2.1			
	Other							0.0			
	5.a. To inland water resources	112.4	2.1	1636.2	80.8	0.0	0.2	1831.7	0.0		1831.7
	5.a.1. Surface water		2.1	1636.2				1638.3			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	112.4			80.8	0.0	0.2	193.4	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	112.4	8.4	1636.2	546.5	11.0	0.3	1849.1	4.6		2084.3
	7. Water consumption (= 3 - 6) of which	560.6	23.2	0.0	0.0	0.0	2.7	1052.2	44.8		903.9
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2001	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					6.3		6.3			6.3
	Energy 35							0.0			0.0
	W-Supply 36	390.8	24.4				1.1	416.3	49.4		465.7
	W-Sanitation 37	11.0	0.0				1.9	13.0			13.0
	Services 38,39/45-99					0.1		0.1			0.1
	Total	401.8	24.4	0.0	0.0	6.4	3.0	435.6	49.4	0.0	485.1
Households						4.6		4.6			4.6
From other reference units					193.1			193.1			193.1
TOTAL		401.8	24.4	0.0	193.1	11.0	3.0	633.4	49.4	0.0	682.8

Physical Supply and Use Tables - Year 2001 - REWMU: V - Noreste

A. Physical use table (hm3/year)		Industries									
2001	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	286.2	0.8	0.0	70.8	0.0	0.0	357.8	0.0		357.8
	1.a. Abstraction for own use	286.2	0.8	0.0	0.0	0.0	0.0	287.0			287.0
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	286.2						286.2			286.2
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.8	0.0				0.8			0.8
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	70.8	0.0	0.0	70.8			70.8
	1.i. Abstraction from inland water resources:	286.2	0.8	0.0	70.8	0.0	0.0	357.8	0.0		357.8
	1.i.1. Surface water			0.0	66.8			66.8			66.8
	1.i.2. Groundwater	91.0	0.8	0.0	4.0			95.8			95.8
	1.i.2a. Groundwater (renewable resources)	23.2									
	1.i.2b. Groundwater (non-renewable resources)	67.9									
	1.i.3. Soil Water (*green water*)	195.2						195.2			195.2
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.0			0.0			0.0
	2. Use of water received from other economic units	62.6	0.4	0.0	1.3	1.6	0.1	66.0	4.0	0.2	70.2
	2.a. Reused water (from W-sanitation)	1.6	0.0				0.0	1.6			1.6
	2.b. Wastewater to sewerage					1.6		1.6			1.6
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.0		0.0
	2.d. from "W-Supply" (sww)	60.9	0.1				0.0	61.0	0.2		61.2
	2.e. from "W-Supply" (gww)		0.0				0.0	0.1	3.3		3.3
	2.f. from "W-Supply" (tts)	0.0	0.3				0.1	0.3	0.5		0.9
	2.g. from water transfer cannals and aqueducts (tts)				1.3			1.3			
	3. Total use of water (= 1 + 2)	348.8	1.2	0.0	72.0	1.6	0.1	423.8	4.0	0.2	428.0

B. Physical supply table (hm3/year)		Industries									
2001	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.5	0.0	65.4	1.6	0.0	2.2	1.1	1.5	4.8
	4.i. goes to Agriculture				60.9	1.6					
	4.ii. goes to Industry				0.4	0.0					
Within the economy	4.iV. goes to Services				0.1	0.0					
	4.V. goes to Households				4.0						
	4.a. Reused water					1.6		1.6			1.6
	4.b. Wastewater to sewerage		0.5	0.0			0.0	0.5	1.1		1.6
	4.c. Desalinated water				0.0			0.0			0.0
	5. Total returns (= 5.a + 5.b)	21.4	0.3	0.0	6.6	0.0	0.0	28.3	0.0		28.3
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	21.4	0.0		6.6	0.0	0.0	28.0	0.0		
	Treated wastewater		0.3					0.3			
	Other							0.0			
	5.a. To inland water resources	21.4	0.3	0.0	6.6	0.0	0.0	28.3	0.0		28.3
	5.a.1. Surface water		0.3	0.0				0.3			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	21.4			6.6	0.0	0.0	28.0	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	21.4	0.8	0.0	72.0	1.6	0.0	30.5	1.1		33.1
	7. Water consumption (= 3 - 6) of which	327.5	0.3	0.0	0.0	0.0	0.1	393.3	2.8		394.9
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2001	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.5		0.5			0.5
	Energy 35							0.0			0.0
	W-Supply 36	60.9	0.4				0.1	61.4	4.0		65.4
	W-Sanitation 37	1.6	0.0				0.0	1.6			1.6
	Services 38,39/45-99					0.0		0.0			0.0
	Total	62.6	0.4	0.0	0.0	0.5	0.1	63.6	4.0	0.0	67.6
Households						1.1		1.1			1.1
From other reference units					1.3			1.3			1.3
TOTAL		62.6	0.4	0.0	1.3	1.6	0.1	66.0	4.0	0.0	70.0

Physical Supply and Use Tables - Year 2001 - REWMU: VI - Sur Costa

A. Physical use table (hm3/year)		Industries									
2001	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	73.6	0.0	0.0	9.1	0.0	0.0	82.7	0.0		82.7
	1.a. Abstraction for own use	73.6	0.0	0.0	0.0	0.0	0.0	73.6			73.6
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	73.6						73.6			73.6
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.0	0.0				0.0			0.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	9.1	0.0	0.0	9.1			9.1
	1.i. Abstraction from inland water resources:	63.6	0.0	0.0	9.1	0.0	0.0	72.7	0.0		72.7
	1.i.1. Surface water			0.0	7.8			7.8			7.8
	1.i.2. Groundwater	27.3	0.0	0.0	1.3			28.6			28.6
	1.i.2a. Groundwater (renewable resources)	7.5									
	1.i.2b. Groundwater (non-renewable resources)	19.9									
	1.i.3. Soil Water (*green water*)	36.3						36.3			36.3
	1.ii. Abstraction from other sources	10.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0		10.0
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	10.0		0.0	0.0			10.0			10.0
	2. Use of water received from other economic units	43.2	1.7	0.0	47.7	2.9	0.4	95.8	4.0	9.2	109.0
	2.a. Reused water (from W-sanitation)	1.2	0.0				0.0	1.2			1.2
	2.b. Wastewater to sewerage					2.9		2.9			2.9
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.0		0.0
	2.d. from "W-Supply" (sww)	5.8	0.4				0.1	6.3	0.8		7.1
	2.e. from "W-Supply" (gww)		0.2				0.0	0.2	0.9		1.1
	2.f. from "W-Supply" (tts)	36.2	1.1				0.3	37.6	2.3		39.9
	2.g. from water transfer cannals and aqueducts (tts)				47.7			47.7			
	3. Total use of water (= 1 + 2)	116.8	1.7	0.0	56.7	2.9	0.4	178.5	4.0	9.2	191.7

B. Physical supply table (hm3/year)		Industries									
2001	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.8	0.0	48.1	1.2	0.2	2.1	1.9	56.9	60.9
	4.i. goes to Agriculture				42.0	1.2					
	4.ii. goes to Industry				1.7	0.0					
Within the economy	4.iV. goes to Services				0.4	0.0					
	4.V. goes to Households				4.0						
	4.a. Reused water					1.2		1.2			1.2
	4.b. Wastewater to sewerage		0.8	0.0			0.2	1.0	1.9		2.9
	4.c. Desalinated water				0.0			0.0			0.0
	5. Total returns (= 5.a + 5.b)	8.1	0.0	0.0	8.6	1.7	0.0	18.4	0.0		18.4
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	8.1	0.0		8.6	0.0	0.0	16.7	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	8.1	0.0	0.0	8.6	0.0	0.0	16.7	0.0		16.7
	5.a.1. Surface water		0.0	0.0				0.0			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	8.1			8.6	0.0	0.0	16.7	0.0		
	5.b. To other sources (e.g., sea water)			0.0		1.7		1.7			1.7
	6. Total supply of water (= 4 + 5)	8.1	0.8	0.0	56.7	2.9	0.2	20.6	1.9		79.4
	7. Water consumption (= 3 - 6) of which	108.6	0.9	0.0	0.0	0.0	0.2	157.9	2.2		112.4
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2001	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.8		0.8			0.8
	Energy 35							0.0			0.0
	W-Supply 36	42.0	1.7				0.4	44.1	4.0		48.1
	W-Sanitation 37	1.2	0.0				0.0	1.2			1.2
	Services 38,39/45-99					0.2		0.2			0.2
	Total	43.2	1.7	0.0	0.0	1.0	0.4	46.2	4.0	0.0	50.3
Households						1.9		1.9			1.9
From other reference units					47.7			47.7			47.7
TOTAL		43.2	1.7	0.0	47.7	2.9	0.4	95.8	4.0	0.0	99.8

Physical Supply and Use Tables - Year 2001 - REWMU: VII - Campo Cartagena

A. Physical use table (hm3/year)		Industries							Households	By other reference units (export of water)	TOTAL
2001	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	177.7	0.2	68.3	16.7	0.0	0.0	262.9	0.0		262.9
	1.a. Abstraction for own use	177.7	0.2	68.3	0.0	0.0	0.0	246.2			246.2
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	177.7						177.7			177.7
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			66.2				66.2			66.2
	Other (livestock, aquaculture, ...)		0.2	2.1				2.3			2.3
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	16.7	0.0	0.0	16.7			16.7
	1.i. Abstraction from inland water resources:	175.7	0.2	2.1	16.7	0.0	0.0	194.7	0.0		194.7
	1.i.1. Surface water			0.0	12.2			12.2			12.2
	1.i.2. Groundwater	97.0	0.2	2.1	4.5			103.8			103.8
	1.i.2a. Groundwater (renewable resources)	81.6									
	1.i.2b. Groundwater (non-renewable resources)	15.4									
	1.i.3. Soil Water (*green water*)	78.7						78.7			78.7
	1.ii. Abstraction from other sources	2.0	0.0	66.2	0.0	0.0	0.0	68.2	0.0		68.2
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea*	2.0		66.2	0.0			68.2			68.2
	2. Use of water received from other economic units	108.3	16.1	0.0	152.8	6.8	4.1	287.9	15.2	29.6	332.8
	2.a. Reused water (from W-sanitation)	4.6	0.0				1.3	5.9			5.9
	2.b. Wastewater to sewerage					6.8		6.8			6.8
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.0		0.0
	2.d. from "W-Supply" (sww)	2.0	3.7				0.6	6.3	3.5		9.9
	2.e. from "W-Supply" (gww)		1.7				0.3	2.0	1.6		3.6
	2.f. from "W-Supply" (tts)	101.7	10.7				1.8	114.2	10.1		124.3
	2.g. from water transfer cannals and aqueducts (tts)				152.8			152.8			
	3. Total use of water (= 1 + 2)	286.0	16.3	68.3	169.5	6.8	4.1	550.8	15.2	29.6	595.6

B. Physical supply table (hm3/year)		Industries							Households	By other reference units (import of water)	TOTAL
2001	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	4. Supply of water to other economic units of which:	0.0	3.1	0.0	137.7	4.6	0.7	8.5	2.9	182.4	193.8
	4.i. goes to Agriculture				103.7	4.6					
	4.ii. goes to Industry				16.1	0.0					
Within the economy	4.iV. goes to Services				2.8	1.3					
	4.V. goes to Households				15.2						
	4.a. Reused water					4.6		4.6			4.6
	4.b. Wastewater to sewerage		3.1	0.0			0.7	3.9	2.9		6.8
	4.c. Desalinated water				0.0			0.0			0.0
	5. Total returns (= 5.a + 5.b)	21.1	0.1	66.2	31.8	2.2	0.1	121.4	0.0		121.4
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			66.2				66.2			
Into the environment	*Losses in distribution because of leakages*	21.1	0.0		31.8	0.0	0.1	53.0	0.0		
	Treated wastewater		0.1					0.1			
	Other							0.0			
	5.a. To inland water resources	21.1	0.1	0.0	31.8	0.0	0.1	53.1	0.0		53.1
	5.a.1. Surface water		0.1	0.0				0.1			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	21.1			31.8	0.0	0.1	53.0	0.0		
	5.b. To other sources (e.g., sea water)			66.2		2.2		68.4			68.4
	6. Total supply of water (= 4 + 5)	21.1	3.2	66.2	169.5	6.8	0.9	129.9	2.9		315.2
	7. Water consumption (= 3 - 6) of which	264.9	13.0	2.1	0.0	0.0	3.2	420.9	12.3		280.4
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries							Households	To other reference units	Total
2001	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					3.1		3.1			3.1
	Energy 35							0.0			0.0
	W-Supply 36	103.7	16.1				2.8	122.5	15.2		137.7
	W-Sanitation 37	4.6	0.0				1.3	5.9			5.9
	Services 38,39/45-99					0.7		0.7			0.7
	Total	108.3	16.1	0.0	0.0	3.9	4.1	132.3	15.2	0.0	147.5
Households						2.9		2.9			2.9
From other reference units					152.8			152.8			152.8
TOTAL		108.3	16.1	0.0	152.8	6.8	4.1	287.9	15.2	0.0	303.2

* Desalination of brackish groundwater

Physical Supply and Use Tables - Year 2002 - REWMU: X - Segura River Basin

A. Physical use table (hm3/year)		Industries									
2002	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	1476.3	9.2	1722.7	494.1	0.0	0.0	3702.3	0.0		3702.3
	1.a. Abstraction for own use	1476.3	9.2	1722.7	0.0	0.0	0.0	3208.2			3208.2
	Hydroelectric power generation			1636.2				1636.2			1636.2
	Irrigation water	1476.3						1476.3			1476.3
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			84.5				84.5			84.5
	Other (livestock, aquaculture, ...)		9.2	2.1				11.3			11.3
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	494.1	0.0	0.0	494.1			494.1
	1.i. Abstraction from inland water resources:	1464.3	9.2	1638.3	494.1	0.0	0.0	3605.8	0.0		3605.8
	1.i.1. Surface water			1636.2	451.3			2087.5			2087.5
	1.i.2. Groundwater	428.3	9.2	2.1	42.8			482.5			482.5
	1.i.2a. Groundwater (renewable resources)	200.0									
	1.i.2b. Groundwater (non-renewable resources)	228.4									
	1.i.3. Soil Water (*green water*)	1035.9						1035.9			1035.9
	1.ii. Abstraction from other sources	12.0	0.0	84.5	0.0	0.0	0.0	96.5	0.0		96.5
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	12.0		84.5	0.0			96.5			96.5
	2. Use of water received from other economic units	691.4	48.0	0.0	402.7	29.9	7.7	1179.7	95.4	102.4	1377.5
	2.a. Reused water (from W-sanitation)	25.6	0.0				3.2	28.8			28.8
	2.b. Wastewater to sewerage					29.9		29.9			29.9
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.0		0.0
	2.d. from "W-Supply" (sww)	364.5	13.6				0.9	379.0	20.6		399.5
	2.e. from "W-Supply" (gww)		9.0				0.9	9.9	24.8		34.7
	2.f. from "W-Supply" (tts)	301.4	25.4				2.7	329.5	50.1		379.6
	2.g. from water transfer cannals and aqueducts (tts)				402.7			402.7			
	3. Total use of water (= 1 + 2)	2167.7	57.2	1722.7	896.8	29.9	7.7	4882.0	95.4	102.4	5079.8

B. Physical supply table (hm3/year)		Industries									
2002	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	12.1	0.0	813.8	25.8	1.1	39.1	16.6	505.1	560.8
	4.i. goes to Agriculture				665.9	25.6					
	4.ii. goes to Industry				48.0	0.0					
Within the economy	4.iV. goes to Services				4.5	3.2					
	4.V. goes to Households				95.4						
	4.a. Reused water					25.8		25.8			25.8
	4.b. Wastewater to sewerage		12.1	0.0			1.1	13.3	16.6		29.9
	4.c. Desalinated water				0.0			0.0			0.0
	5. Total returns (= 5.a + 5.b)	221.0	3.1	1720.6	83.0	4.1	0.3	2032.1	0.0		2032.1
	Hydroelectric power generation			1636.2				1636.2			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			84.5				84.5			
Into the environment	*Losses in distribution because of leakages*	221.0	0.0		83.0	0.0	0.3	304.3	0.0		
	Treated wastewater		3.1					3.1			
	Other							0.0			
	5.a. To inland water resources	221.0	3.1	1636.2	83.0	0.0	0.3	1943.6	0.0		1943.6
	5.a.1. Surface water		3.1	1636.2				1639.3			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	221.0			83.0	0.0	0.3	304.3	0.0		
	5.b. To other sources (e.g., sea water)			84.5		4.1		88.5			88.5
	6. Total supply of water (= 4 + 5)	221.0	15.2	1720.6	896.8	29.9	1.5	2071.2	16.6		2592.9
	7. Water consumption (= 3 - 6) of which	1946.7	42.0	2.1	0.0	0.0	6.2	2810.8	78.8		2486.9
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2002	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					12.1		12.1			12.1
	Energy 35							0.0			0.0
	W-Supply 36	665.9	48.0				4.5	718.4	95.4		813.8
	W-Sanitation 37	25.6	0.0				3.2	28.8			28.8
	Services 38,39/45-99					1.1		1.1			1.1
	Total	691.4	48.0	0.0	0.0	13.3	7.7	760.4	95.4	0.0	855.8
Households						16.6		16.6			16.6
From other reference units					402.7			402.7			402.7
TOTAL		691.4	48.0	0.0	402.7	29.9	7.7	1179.7	95.4	0.0	1275.1

Physical Supply and Use Tables - Year 2002 - REWMU: I - Cabecera

A. Physical use table (hm3/year)		Industries									
2002	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	197.4	0.0	1297.9	88.2	0.0	0.0	1583.6	0.0		1583.6
	1.a. Abstraction for own use	197.4	0.0	1297.9	0.0	0.0	0.0	1495.3			1495.3
	Hydroelectric power generation			1297.9				1297.9			1297.9
	Irrigation water	197.4						197.4			197.4
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.0	0.0				0.0			0.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	88.2	0.0	0.0	88.2			88.2
	1.i. Abstraction from inland water resources:	197.4	0.0	1297.9	88.2	0.0	0.0	1583.6	0.0		1583.6
	1.i.1. Surface water			1297.9	85.5			1383.4			1383.4
	1.i.2. Groundwater	68.6	0.0	0.0	2.7			71.3			71.3
	1.i.2a. Groundwater (renewable resources)	26.3									
	1.i.2b. Groundwater (non-renewable resources)	42.3									
	1.i.3. Soil Water (*green water*)	128.8						128.8			128.8
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.0			0.0			0.0
	2. Use of water received from other economic units	75.2	0.1	0.0	0.2	2.5	0.0	77.9	5.0	0.0	82.9
	2.a. Reused water (from W-sanitation)	2.5	0.0				0.0	2.5			2.5
	2.b. Wastewater to sewerage					2.5		2.5			2.5
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.0		0.0
	2.d. from "W-Supply" (sww)	72.7	0.0				0.0	72.7	2.7		75.4
	2.e. from "W-Supply" (gww)		0.0				0.0	0.0	2.2		2.3
	2.f. from "W-Supply" (tts)	0.0	0.1				0.0	0.1	0.1		0.1
	2.g. from water transfer cannals and aqueducts (tts)				0.2			0.2			
	3. Total use of water (= 1 + 2)	272.6	0.1	1297.9	88.4	2.5	0.0	1661.5	5.0	0.0	1666.5

8. Physical supply table (hm3/year)		Industries									
2002	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.0	0.0	77.8	2.5	0.0	2.5	2.4	0.2	5.1
	4.i. goes to Agriculture				72.7	2.5					
	4.ii. goes to Industry				0.1	0.0					
Within the economy	4.iV. goes to Services				0.0	0.0					
	4.V. goes to Households				5.0						
	4.a. Reused water					2.5		2.5			2.5
	4.b. Wastewater to sewerage		0.0	0.0			0.0	0.0	2.4		2.5
	4.c. Desalinated water				0.0			0.0			0.0
	5. Total returns (= 5.a + 5.b)	39.2	0.0	1297.9	10.6	0.0	0.0	1347.7	0.0		1347.7
	Hydroelectric power generation			1297.9				1297.9			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	39.2	0.0		10.6	0.0	0.0	49.8	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	39.2	0.0	1297.9	10.6	0.0	0.0	1347.7	0.0		1347.7
	5.a.1. Surface water		0.0	1297.9				1297.9			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	39.2			10.6	0.0	0.0	49.8	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	39.2	0.0	1297.9	88.4	2.5	0.0	1350.2	2.4		1352.8
	7. Water consumption (= 3 - 6) of which	233.4	0.1	0.0	0.0	0.0	0.0	311.3	2.6		313.7
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2002	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.0		0.0			0.0
	Energy 35							0.0			0.0
	W-Supply 36	72.7	0.1				0.0	72.8	5.0		77.8
	W-Sanitation 37	2.5	0.0				0.0	2.5			2.5
	Services 38,39/45-99					0.0		0.0			0.0
	Total	75.2	0.1	0.0	0.0	0.0	0.0	75.3	5.0	0.0	80.3
Households						2.4		2.4			2.4
From other reference units					0.2			0.2			0.2
TOTAL		75.2	0.1	0.0	0.2	2.5	0.0	77.9	5.0	0.0	82.9

Physical Supply and Use Tables - Year 2002 - REWMU: II - Noroeste

A. Physical use table (hm3/year)		Industries									
2002	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	185.3	1.0	39.0	25.3	0.0	0.0	250.6	0.0		250.6
	1.a. Abstraction for own use	185.3	1.0	39.0	0.0	0.0	0.0	225.4			225.4
	Hydroelectric power generation			39.0				39.0			39.0
	Irrigation water	185.3						185.3			185.3
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		1.0	0.0				1.0			1.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	25.3	0.0	0.0	25.3			25.3
	1.i. Abstraction from inland water resources:	185.3	1.0	39.0	25.3	0.0	0.0	250.6	0.0		250.6
	1.i.1. Surface water			39.0	23.4			62.5			62.5
	1.i.2. Groundwater	19.2	1.0	0.0	1.9			22.1			22.1
	1.i.2a. Groundwater (renewable resources)	18.1									
	1.i.2b. Groundwater (non-renewable resources)	1.0									
	1.i.3. Soil Water (*green water*)	166.1						166.1			166.1
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.0			0.0			0.0
	2. Use of water received from other economic units	28.2	1.2	0.0	11.2	2.7	0.2	43.4	5.4	2.8	51.6
	2.a. Reused water (from W-sanitation)	2.5	0.0				0.0	2.5			2.5
	2.b. Wastewater to sewerage					2.7		2.7			2.7
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.0		0.0
	2.d. from "W-Supply" (sww)	19.3	0.2				0.0	19.6	1.0		20.6
	2.e. from "W-Supply" (gww)		0.2				0.0	0.3	1.3		1.5
	2.f. from "W-Supply" (tts)	6.4	0.7				0.1	7.2	3.1		10.3
	2.g. from water transfer cannals and aqueducts (tts)				11.2			11.2			
	3. Total use of water (= 1 + 2)	213.4	2.2	39.0	36.5	2.7	0.2	294.0	5.4	2.8	302.2

B. Physical supply table (hm3/year)		Industries									
2002	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.8	0.0	32.4	2.7	0.1	3.5	1.9	14.0	19.4
	4.i. goes to Agriculture				25.7	2.5					
	4.ii. goes to Industry				1.2	0.0					
Within the economy	4.iV. goes to Services				0.2	0.0					
	4.V. goes to Households				5.4						
	4.a. Reused water					2.7		2.7			2.7
	4.b. Wastewater to sewerage		0.8	0.0			0.1	0.8	1.9		2.7
	4.c. Desalinated water				0.0			0.0			0.0
	5. Total returns (= 5.a + 5.b)	13.3	0.5	39.0	4.1	0.0	0.0	57.0	0.0		57.0
	Hydroelectric power generation			39.0				39.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	13.3	0.0		4.1	0.0	0.0	17.4	0.0		
	Treated wastewater		0.5					0.5			
	Other							0.0			
	5.a. To inland water resources	13.3	0.5	39.0	4.1	0.0	0.0	57.0	0.0		57.0
	5.a.1. Surface water		0.5	39.0				39.6			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	13.3			4.1	0.0	0.0	17.4	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	13.3	1.3	39.0	36.5	2.7	0.1	60.6	1.9		76.4
	7. Water consumption (= 3 - 6) of which	200.1	0.9	0.0	0.0	0.0	0.1	233.5	3.5		225.8
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2002	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.8		0.8			0.8
	Energy 35							0.0			0.0
	W-Supply 36	25.7	1.2				0.2	27.0	5.4		32.4
	W-Sanitation 37	2.5	0.0				0.0	2.5			2.5
	Services 38,39/45-99					0.1		0.1			0.1
	Total	28.2	1.2	0.0	0.0	0.8	0.2	30.3	5.4	0.0	35.7
Households						1.9		1.9			1.9
From other reference units					11.2			11.2			11.2
TOTAL		28.2	1.2	0.0	11.2	2.7	0.2	43.4	5.4	0.0	48.7

Physical Supply and Use Tables - Year 2002 - REWMU: III - Guadalentín

A. Physical use table (hm3/year)		Industries									
2002	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	241.7	0.0	26.3	19.5	0.0	0.0	287.5	0.0		287.5
	1.a. Abstraction for own use	241.7	0.0	26.3	0.0	0.0	0.0	268.0			268.0
	Hydroelectric power generation			26.3				26.3			26.3
	Irrigation water	241.7						241.7			241.7
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.0	0.0				0.0			0.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	19.5	0.0	0.0	19.5			19.5
	1.i. Abstraction from inland water resources:	241.7	0.0	26.3	19.5	0.0	0.0	287.5	0.0		287.5
	1.i.1. Surface water			26.3	14.8			41.1			41.1
	1.i.2. Groundwater	107.3	0.0	0.0	4.7			112.0			112.0
	1.i.2a. Groundwater (renewable resources)	33.2									
	1.i.2b. Groundwater (non-renewable resources)	74.1									
	1.i.3. Soil Water (*green water*)	134.4						134.4			134.4
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.0			0.0			0.0
	2. Use of water received from other economic units	71.3	5.2	0.0	70.2	1.6	0.2	148.4	9.1	17.8	175.3
	2.a. Reused water (from W-sanitation)	1.6	0.0				0.0	1.6			1.6
	2.b. Wastewater to sewerage					1.6		1.6			1.6
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.0		0.0
	2.d. from "W-Supply" (sww)	10.5	1.0				0.0	11.6	1.5		13.1
	2.e. from "W-Supply" (gww)		1.1				0.0	1.1	2.7		3.8
	2.f. from "W-Supply" (tts)	59.1	3.1				0.1	62.4	4.8		67.2
	2.g. from water transfer cannals and aqueducts (tts)				70.2			70.2			
	3. Total use of water (= 1 + 2)	313.0	5.2	26.3	89.6	1.6	0.2	435.9	9.1	17.8	462.8

B. Physical supply table (hm3/year)		Industries									
2002	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.6	0.0	84.1	1.6	0.0	2.2	1.0	88.0	91.2
	4.i. goes to Agriculture				69.7	1.6					
	4.ii. goes to Industry				5.2	0.0					
Within the economy	4.iV. goes to Services				0.2	0.0					
	4.V. goes to Households				9.1						
	4.a. Reused water					1.6		1.6			1.6
	4.b. Wastewater to sewerage		0.6	0.0			0.0	0.6	1.0		1.6
	4.c. Desalinated water				0.0			0.0			0.0
	5. Total returns (= 5.a + 5.b)	30.9	0.0	26.3	5.5	0.0	0.0	62.7	0.0		62.7
	Hydroelectric power generation			26.3				26.3			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	30.9	0.0		5.5	0.0	0.0	36.4	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	30.9	0.0	26.3	5.5	0.0	0.0	62.7	0.0		62.7
	5.a.1. Surface water		0.0	26.3				26.3			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	30.9			5.5	0.0	0.0	36.4	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	30.9	0.6	26.3	89.6	1.6	0.0	64.9	1.0		153.9
	7. Water consumption (= 3 - 6) of which	282.1	4.6	0.0	0.0	0.0	0.2	371.0	8.1		308.9
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2002	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.6		0.6			0.6
	Energy 35							0.0			0.0
	W-Supply 36	69.7	5.2				0.2	75.1	9.1		84.1
	W-Sanitation 37	1.6	0.0				0.0	1.6			1.6
	Services 38,39/45-99					0.0		0.0			0.0
	Total	71.3	5.2	0.0	0.0	0.6	0.2	77.3	9.1	0.0	86.3
Households						1.0		1.0			1.0
From other reference units					70.2			70.2			70.2
TOTAL		71.3	5.2	0.0	70.2	1.6	0.2	148.4	9.1	0.0	157.5

Physical Supply and Use Tables - Year 2002 - REWMU: IV - Vega

A. Physical use table (hm3/year)		Industries									
2002	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	311.5	7.2	1636.2	280.0	0.0	0.0	2234.8	0.0		2234.8
	1.a. Abstraction for own use	311.5	7.2	1636.2	0.0	0.0	0.0	1954.9			1954.9
	Hydroelectric power generation			1636.2				1636.2			1636.2
	Irrigation water	311.5						311.5			311.5
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		7.2	0.0				7.2			7.2
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	280.0	0.0	0.0	280.0			280.0
	1.i. Abstraction from inland water resources:	311.5	7.2	1636.2	280.0	0.0	0.0	2234.8	0.0		2234.8
	1.i.1. Surface water			1636.2	261.8			1898.0			1898.0
	1.i.2. Groundwater	27.4	7.2	0.0	18.1			52.7			52.7
	1.i.2a. Groundwater (renewable resources)	15.7									
	1.i.2b. Groundwater (non-renewable resources)	11.7									
	1.i.3. Soil Water (*green water*)	284.1						284.1			284.1
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.0			0.0			0.0
	2. Use of water received from other economic units	337.1	24.1	0.0	167.8	11.4	3.0	543.5	51.9	42.7	638.1
	2.a. Reused water (from W-sanitation)	11.4	0.0				1.9	13.3			13.3
	2.b. Wastewater to sewerage					11.4		11.4			11.4
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.0		0.0
	2.d. from "W-Supply" (sww)	210.6	9.0				0.2	219.8	11.5		231.3
	2.e. from "W-Supply" (gww)		3.9				0.2	4.2	10.5		14.7
	2.f. from "W-Supply" (tts)	115.2	11.1				0.7	127.0	29.9		156.9
	2.g. from water transfer cannals and aqueducts (tts)				167.8			167.8			
	3. Total use of water (= 1 + 2)	648.6	31.3	1636.2	447.8	11.4	3.0	2778.3	51.9	42.7	2872.9

B. Physical supply table (hm3/year)		Industries									
2002	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	6.3	0.0	402.8	11.4	0.1	17.8	5.0	210.5	233.3
	4.i. goes to Agriculture				325.7	11.4					
	4.ii. goes to Industry				24.1	0.0					
Within the economy	4.iV. goes to Services				1.1	1.9					
	4.V. goes to Households				51.9						
	4.a. Reused water					11.4		11.4			11.4
	4.b. Wastewater to sewerage		6.3	0.0			0.1	6.4	5.0		11.4
	4.c. Desalinated water				0.0			0.0			0.0
	5. Total returns (= 5.a + 5.b)	92.1	2.1	1636.2	45.0	0.0	0.2	1775.6	0.0		1775.6
	Hydroelectric power generation			1636.2				1636.2			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	92.1	0.0		45.0	0.0	0.2	137.3	0.0		
	Treated wastewater		2.1					2.1			
	Other							0.0			
	5.a. To inland water resources	92.1	2.1	1636.2	45.0	0.0	0.2	1775.6	0.0		1775.6
	5.a.1. Surface water		2.1	1636.2				1638.3			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	92.1			45.0	0.0	0.2	137.3	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	92.1	8.4	1636.2	447.8	11.4	0.3	1793.4	5.0		2008.9
	7. Water consumption (= 3 - 6) of which	556.5	22.9	0.0	0.0	0.0	2.7	984.9	46.9		864.0
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2002	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					6.3		6.3			6.3
	Energy 35							0.0			0.0
	W-Supply 36	325.7	24.1				1.1	350.9	51.9		402.8
	W-Sanitation 37	11.4	0.0				1.9	13.3			13.3
	Services 38,39/45-99					0.1		0.1			0.1
	Total	337.1	24.1	0.0	0.0	6.4	3.0	370.6	51.9	0.0	422.5
Households						5.0		5.0			5.0
From other reference units					167.8			167.8			167.8
TOTAL		337.1	24.1	0.0	167.8	11.4	3.0	543.5	51.9	0.0	595.4

Physical Supply and Use Tables - Year 2002 - REWMU: V - Noreste

A. Physical use table (hm3/year)		Industries							Households	By other reference units (export of water)	TOTAL
2002	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	297.7	0.8	0.0	54.2	0.0	0.0	352.7	0.0		352.7
	1.a. Abstraction for own use	297.7	0.8	0.0	0.0	0.0	0.0	298.5			298.5
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	297.7						297.7			297.7
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.8	0.0				0.8			0.8
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	54.2	0.0	0.0	54.2			54.2
	1.i. Abstraction from inland water resources:	297.7	0.8	0.0	54.2	0.0	0.0	352.7	0.0		352.7
	1.i.1. Surface water			0.0	50.0			50.0			50.0
	1.i.2. Groundwater	90.0	0.8	0.0	4.2			95.0			95.0
	1.i.2a. Groundwater (renewable resources)	22.9									
	1.i.2b. Groundwater (non-renewable resources)	67.1									
	1.i.3. Soil Water (*green water*)	207.7						207.7			207.7
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.0			0.0			0.0
	2. Use of water received from other economic units	47.2	0.4	0.0	0.9	1.7	0.1	50.3	4.1	0.2	54.6
	2.a. Reused water (from W-sanitation)	1.7	0.0				0.0	1.7			1.7
	2.b. Wastewater to sewerage					1.7		1.7			1.7
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.0		0.0
	2.d. from "W-Supply" (sww)	45.5	0.1				0.0	45.6	0.2		45.8
	2.e. from "W-Supply" (gww)		0.1				0.0	0.1	3.4		3.5
	2.f. from "W-Supply" (tts)	0.0	0.2				0.1	0.3	0.5		0.8
	2.g. from water transfer cannals and aqueducts (tts)				0.9			0.9			
	3. Total use of water (= 1 + 2)	344.9	1.1	0.0	55.1	1.7	0.1	403.0	4.1	0.2	407.3

B. Physical supply table (hm3/year)		Industries							Households	By other reference units (import of water)	TOTAL
2002	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	4. Supply of water to other economic units of which:	0.0	0.5	0.0	50.1	1.7	0.0	2.2	1.2	1.2	4.5
	4.i. goes to Agriculture				45.5	1.7					
	4.ii. goes to Industry				0.4	0.0					
Within the economy	4.iV. goes to Services				0.1	0.0					
	4.V. goes to Households				4.1						
	4.a. Reused water					1.7		1.7			1.7
	4.b. Wastewater to sewerage		0.5	0.0			0.0	0.5	1.2		1.7
	4.c. Desalinated water				0.0			0.0			0.0
	5. Total returns (= 5.a + 5.b)	19.0	0.3	0.0	5.0	0.0	0.0	24.4	0.0		24.4
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	19.0	0.0		5.0	0.0	0.0	24.0	0.0		
	Treated wastewater		0.3					0.3			
	Other							0.0			
	5.a. To inland water resources	19.0	0.3	0.0	5.0	0.0	0.0	24.4	0.0		24.4
	5.a.1. Surface water		0.3	0.0				0.3			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	19.0			5.0	0.0	0.0	24.0	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	19.0	0.8	0.0	55.1	1.7	0.0	26.5	1.2		28.9
	7. Water consumption (= 3 - 6) of which	325.9	0.3	0.0	0.0	0.0	0.1	376.4	2.9		378.4
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries							Households	To other reference units	Total
2002	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.5		0.5			0.5
	Energy 35							0.0			0.0
	W-Supply 36	45.5	0.4				0.1	46.0	4.1		50.1
	W-Sanitation 37	1.7	0.0				0.0	1.7			1.7
	Services 38,39/45-99					0.0		0.0			0.0
	Total	47.2	0.4	0.0	0.0	0.5	0.1	48.2	4.1	0.0	52.3
Households						1.2		1.2			1.2
From other reference units					0.9			0.9			0.9
TOTAL		47.2	0.4	0.0	0.9	1.7	0.1	50.3	4.1	0.0	54.4

Physical Supply and Use Tables - Year 2002 - REWMU: VI - Sur Costa

A. Physical use table (hm3/year)		Industries									
2002	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	70.8	0.0	0.0	8.2	0.0	0.0	78.9	0.0		78.9
	1.a. Abstraction for own use	70.8	0.0	0.0	0.0	0.0	0.0	70.8			70.8
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	70.8						70.8			70.8
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.0	0.0				0.0			0.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	8.2	0.0	0.0	8.2			8.2
	1.i. Abstraction from inland water resources:	60.8	0.0	0.0	8.2	0.0	0.0	68.9	0.0		68.9
	1.i.1. Surface water			0.0	6.0			6.0			6.0
	1.i.2. Groundwater	24.2	0.0	0.0	2.2			26.4			26.4
	1.i.2a. Groundwater (renewable resources)	6.6									
	1.i.2b. Groundwater (non-renewable resources)	17.6									
	1.i.3. Soil Water (*green water*)	36.6						36.6			36.6
	1.ii. Abstraction from other sources	10.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0		10.0
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	10.0		0.0	0.0			10.0			10.0
	2. Use of water received from other economic units	33.5	1.6	0.0	32.8	3.0	0.5	71.4	4.3	8.3	84.0
	2.a. Reused water (from W-sanitation)	1.2	0.0				0.0	1.2			1.2
	2.b. Wastewater to sewerage					3.0		3.0			3.0
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.0		0.0
	2.d. from "W-Supply" (sww)	4.4	0.3				0.1	4.8	0.7		5.5
	2.e. from "W-Supply" (gww)		0.3				0.1	0.5	1.3		1.8
	2.f. from "W-Supply" (tts)	27.9	1.0				0.3	29.2	2.2		31.4
	2.g. from water transfer cannals and aqueducts (tts)				32.8			32.8			
	3. Total use of water (= 1 + 2)	104.3	1.6	0.0	40.9	3.0	0.5	150.4	4.3	8.3	163.0

B. Physical supply table (hm3/year)		Industries									
2002	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.8	0.0	38.7	1.2	0.2	2.2	2.0	41.1	45.3
	4.i. goes to Agriculture				32.3	1.2					
	4.ii. goes to Industry				1.6	0.0					
Within the economy	4.iV. goes to Services				0.5	0.0					
	4.V. goes to Households				4.3						
	4.a. Reused water					1.2		1.2			1.2
	4.b. Wastewater to sewerage		0.8	0.0			0.2	1.0	2.0		3.0
	4.c. Desalinated water				0.0			0.0			0.0
	5. Total returns (= 5.a + 5.b)	6.8	0.0	0.0	2.2	1.8	0.0	10.9	0.0		10.9
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	6.8	0.0		2.2	0.0	0.0	9.1	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	6.8	0.0	0.0	2.2	0.0	0.0	9.1	0.0		9.1
	5.a.1. Surface water		0.0	0.0				0.0			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	6.8			2.2	0.0	0.0	9.1	0.0		
	5.b. To other sources (e.g., sea water)			0.0		1.8		1.8			1.8
	6. Total supply of water (= 4 + 5)	6.8	0.8	0.0	40.9	3.0	0.2	13.1	2.0		56.2
	7. Water consumption (= 3 - 6) of which	97.4	0.9	0.0	0.0	0.0	0.3	137.3	2.3		106.8
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2002	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.8		0.8			0.8
	Energy 35							0.0			0.0
	W-Supply 36	32.3	1.6				0.5	34.4	4.3		38.7
	W-Sanitation 37	1.2	0.0				0.0	1.2			1.2
	Services 38,39/45-99					0.2		0.2			0.2
	Total	33.5	1.6	0.0	0.0	1.0	0.5	36.7	4.3	0.0	40.9
Households						2.0		2.0			2.0
From other reference units					32.8			32.8			32.8
TOTAL		33.5	1.6	0.0	32.8	3.0	0.5	71.4	4.3	0.0	75.7

Physical Supply and Use Tables - Year 2002 - REWMU: VII - Campo Cartagena

A. Physical use table (hm3/year)		Industries									
2002	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	171.9	0.2	86.5	18.7	0.0	0.0	277.4	0.0		277.4
	1.a. Abstraction for own use	171.9	0.2	86.5	0.0	0.0	0.0	258.6			258.6
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	171.9						171.9			171.9
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			84.5				84.5			84.5
	Other (livestock, aquaculture, ...)		0.2	2.1				2.3			2.3
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	18.7	0.0	0.0	18.7			18.7
	1.i. Abstraction from inland water resources:	169.9	0.2	2.1	18.7	0.0	0.0	190.9	0.0		190.9
	1.i.1. Surface water			0.0	9.8			9.8			9.8
	1.i.2. Groundwater	91.7	0.2	2.1	9.0			103.0			103.0
	1.i.2a. Groundwater (renewable resources)	77.1									
	1.i.2b. Groundwater (non-renewable resources)	14.6									
	1.i.3. Soil Water (*green water*)	78.2						78.2			78.2
	1.ii. Abstraction from other sources	2.0	0.0	84.5	0.0	0.0	0.0	86.5	0.0		86.5
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea*	2.0		84.5	0.0			86.5			86.5
	2. Use of water received from other economic units	99.0	15.5	0.0	119.7	7.0	3.7	244.8	15.8	30.4	291.0
	2.a. Reused water (from W-sanitation)	4.8	0.0				1.3	6.0			6.0
	2.b. Wastewater to sewerage					7.0		7.0			7.0
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.0		0.0
	2.d. from "W-Supply" (sww)	1.5	3.0				0.5	4.9	3.0		7.9
	2.e. from "W-Supply" (gww)		3.3				0.5	3.8	3.3		7.1
	2.f. from "W-Supply" (tts)	92.8	9.3				1.4	103.4	9.4		112.9
	2.g. from water transfer cannals and aqueducts (tts)				119.7			119.7			
	3. Total use of water (= 1 + 2)	270.9	15.7	86.5	138.4	7.0	3.7	522.2	15.8	30.4	568.4

B. Physical supply table (hm3/year)		Industries									
2002	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	3.2	0.0	127.9	4.8	0.7	8.6	3.2	150.1	161.9
	4.i. goes to Agriculture				94.2	4.8					
	4.ii. goes to Industry				15.5	0.0					
Within the economy	4.iV. goes to Services				2.4	1.3					
	4.V. goes to Households				15.8						
	4.a. Reused water					4.8		4.8			4.8
	4.b. Wastewater to sewerage		3.2	0.0			0.7	3.9	3.2		7.0
	4.c. Desalinated water				0.0			0.0			0.0
	5. Total returns (= 5.a + 5.b)	19.6	0.1	84.5	10.5	2.3	0.1	117.1	0.0		117.1
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			84.5				84.5			
Into the environment	*Losses in distribution because of leakages*	19.6	0.0		10.5	0.0	0.1	30.3	0.0		
	Treated wastewater		0.1					0.1			
	Other							0.0			
	5.a. To inland water resources	19.6	0.1	0.0	10.5	0.0	0.1	30.4	0.0		30.4
	5.a.1. Surface water		0.1	0.0				0.1			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	19.6			10.5	0.0	0.1	30.3	0.0		
	5.b. To other sources (e.g., sea water)			84.5		2.3		86.7			86.7
	6. Total supply of water (= 4 + 5)	19.6	3.3	84.5	138.4	7.0	0.8	125.7	3.2		279.0
	7. Water consumption (= 3 - 6) of which	251.3	12.4	2.1	0.0	0.0	2.9	396.5	12.6		289.4
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2002	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					3.2		3.2			3.2
	Energy 35							0.0			0.0
	W-Supply 36	94.2	15.5				2.4	112.1	15.8		127.9
	W-Sanitation 37	4.8	0.0				1.3	6.0			6.0
	Services 38,39/45-99					0.7		0.7			0.7
	Total	99.0	15.5	0.0	0.0	3.9	3.7	122.0	15.8	0.0	137.8
Households						3.2		3.2			3.2
From other reference units					119.7			119.7			119.7
TOTAL		99.0	15.5	0.0	119.7	7.0	3.7	244.8	15.8	0.0	260.6

* Desalination of brackish groundwater

Physical Supply and Use Tables - Year 2003 - REWMU: X - Segura River Basin

A. Physical use table (hm3/year)		Industries							Households	By other reference units (export of water)	TOTAL
2003	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	1452.9	9.2	740.4	547.9	0.0	0.0	2750.4	0.0		2750.4
	1.a. Abstraction for own use	1452.9	9.2	740.4	0.0	0.0	0.0	2202.5			2202.5
	Hydroelectric power generation			678.6				678.6			678.6
	Irrigation water	1452.9						1452.9			1452.9
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			59.7				59.7			59.7
	Other (livestock, aquaculture, ...)		9.2	2.1				11.3			11.3
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	547.9	0.0	0.0	547.9			547.9
	1.i. Abstraction from inland water resources:	1440.9	9.2	680.7	544.0	0.0	0.0	2674.8	0.0		2674.8
	1.i.1. Surface water			678.6	501.1			1179.6			1179.6
	1.i.2. Groundwater	427.7	9.2	2.1	42.9			481.9			481.9
	1.i.2a. Groundwater (renewable resources)	199.9									
	1.i.2b. Groundwater (non-renewable resources)	227.8									
	1.i.3. Soil Water (*green water*)	1013.3						1013.3			1013.3
	1.ii. Abstraction from other sources	12.0	0.0	59.7	3.8	0.0	0.0	75.5	0.0		75.5
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	12.0		59.7	3.8			75.5			75.5
	2. Use of water received from other economic units	741.3	49.0	0.0	498.7	30.9	8.0	1327.9	99.6	98.4	1525.9
	2.a. Reused water (from W-sanitation)	26.3	0.0				3.5	29.9			29.9
	2.b. Wastewater to sewerage					30.9		30.9			30.9
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	3.8		3.8
	2.d. from "W-Supply" (sww)	410.1	13.7				0.8	424.6	19.4		444.0
	2.e. from "W-Supply" (gww)		8.9				0.9	9.8	24.8		34.7
	2.f. from "W-Supply" (tts)	304.9	26.4				2.7	334.0	51.5		385.5
	2.g. from water transfer cannals and aqueducts (tts)				498.7			498.7			
	3. Total use of water (= 1 + 2)	2194.2	58.2	740.4	1046.6	30.9	8.0	4078.2	99.6	98.4	4276.2

B. Physical supply table (hm3/year)		Industries							Households	By other reference units (import of water)	TOTAL
2003	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	4. Supply of water to other economic units of which:	0.0	12.4	0.0	868.0	26.6	1.2	44.0	17.3	597.1	658.4
	4.i. goes to Agriculture				714.9	26.3					
	4.ii. goes to Industry				49.0	0.0					
Within the economy	4.iV. goes to Services				4.5	3.5					
	4.V. goes to Households				99.6						
	4.a. Reused water					26.6		26.6			26.6
	4.b. Wastewater to sewerage		12.4	0.0			1.2	13.6	17.3		30.9
	4.c. Desalinated water				3.8			3.8			3.8
	5. Total returns (= 5.a + 5.b)	229.3	3.1	738.3	178.6	4.3	0.4	1153.8	0.0		1153.8
	Hydroelectric power generation			678.6				678.6			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			59.7				59.7			
Into the environment	*Losses in distribution because of leakages*	229.3	0.0		178.6	0.0	0.4	408.2	0.0		
	Treated wastewater		3.1					3.1			
	Other							0.0			
	5.a. To inland water resources	229.3	3.1	678.6	178.6	0.0	0.4	1089.9	0.0		1089.9
	5.a.1. Surface water		3.1	678.6				681.7			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	229.3			178.6	0.0	0.4	408.2	0.0		
	5.b. To other sources (e.g., sea water)			59.7		4.3		64.0			64.0
	6. Total supply of water (= 4 + 5)	229.3	15.5	738.3	1046.6	30.9	1.5	1197.9	17.3		1812.3
	7. Water consumption (= 3 - 6) of which	1965.0	42.7	2.1	0.0	0.0	6.5	2880.4	82.3		2463.9
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries							Households	To other reference units	Total
2003	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					12.4		12.4			12.4
	Energy 35							0.0			0.0
	W-Supply 36	714.9	49.0				4.5	768.4	99.6		868.0
	W-Sanitation 37	26.3	0.0				3.5	29.9			29.9
	Services 38,39/45-99					1.2		1.2			1.2
	Total	741.3	49.0	0.0	0.0	13.6	8.0	811.8	99.6	0.0	911.5
Households						17.3		17.3			17.3
From other reference units					498.7			498.7			498.7
TOTAL		741.3	49.0	0.0	498.7	30.9	8.0	1327.9	99.6	0.0	1427.5

Physical Supply and Use Tables - Year 2003 - REWMU: I - Cabecera

A. Physical use table (hm3/year)		Industries									
2003	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	197.0	0.0	538.3	98.5	0.0	0.0	833.8	0.0		833.8
	1.a. Abstraction for own use	197.0	0.0	538.3	0.0	0.0	0.0	735.2			735.2
	Hydroelectric power generation			538.3				538.3			538.3
	Irrigation water	197.0						197.0			197.0
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.0	0.0				0.0			0.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	98.5	0.0	0.0	98.5			98.5
	1.i. Abstraction from inland water resources:	197.0	0.0	538.3	98.5	0.0	0.0	833.8	0.0		833.8
	1.i.1. Surface water			538.3	95.8			634.1			634.1
	1.i.2. Groundwater	68.6	0.0	0.0	2.7			71.3			71.3
	1.i.2a. Groundwater (renewable resources)	26.3									
	1.i.2b. Groundwater (non-renewable resources)	42.3									
	1.i.3. Soil Water (*green water*)	128.4						128.4			128.4
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.0			0.0			0.0
	2. Use of water received from other economic units	84.3	0.1	0.0	0.2	2.5	0.0	87.0	5.0	0.0	92.1
	2.a. Reused water (from W-sanitation)	2.5	0.0				0.0	2.5			2.5
	2.b. Wastewater to sewerage					2.5		2.5			2.5
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.0		0.0
	2.d. from "W-Supply" (sww)	81.8	0.0				0.0	81.8	2.7		84.5
	2.e. from "W-Supply" (gww)		0.0				0.0	0.0	2.3		2.3
	2.f. from "W-Supply" (tts)	0.0	0.0				0.0	0.0	0.1		0.1
	2.g. from water transfer cannals and aqueducts (tts)				0.2			0.2			
	3. Total use of water (= 1 + 2)	281.2	0.1	538.3	98.7	2.5	0.0	920.8	5.0	0.0	925.8

B. Physical supply table (hm3/year)		Industries									
2003	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.0	0.0	86.9	2.5	0.0	2.5	2.5	0.2	5.2
	4.i. goes to Agriculture				81.8	2.5					
	4.ii. goes to Industry				0.1	0.0					
Within the economy	4.iV. goes to Services				0.0	0.0					
	4.V. goes to Households				5.0						
	4.a. Reused water					2.5		2.5			2.5
	4.b. Wastewater to sewerage		0.0	0.0			0.0	0.0	2.5		2.5
	4.c. Desalinated water				0.0			0.0			0.0
	5. Total returns (= 5.a + 5.b)	39.8	0.0	538.3	11.9	0.0	0.0	590.0	0.0		590.0
	Hydroelectric power generation			538.3				538.3			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	39.8	0.0		11.9	0.0	0.0	51.7	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	39.8	0.0	538.3	11.9	0.0	0.0	590.0	0.0		590.0
	5.a.1. Surface water		0.0	538.3				538.3			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	39.8			11.9	0.0	0.0	51.7	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	39.8	0.0	538.3	98.7	2.5	0.0	592.5	2.5		595.2
	7. Water consumption (= 3 - 6) of which	241.4	0.0	0.0	0.0	0.0	0.0	328.3	2.6		330.7
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2003	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.0		0.0			0.0
	Energy 35							0.0			0.0
	W-Supply 36	81.8	0.1				0.0	81.8	5.0		86.9
	W-Sanitation 37	2.5	0.0				0.0	2.5			2.5
	Services 38,39/45-99					0.0		0.0			0.0
	Total	84.3	0.1	0.0	0.0	0.0	0.0	84.3	5.0	0.0	89.4
Households						2.5		2.5			2.5
From other reference units					0.2			0.2			0.2
TOTAL		84.3	0.1	0.0	0.2	2.5	0.0	87.0	5.0	0.0	92.0

Physical Supply and Use Tables - Year 2003 - REWMU: II - Noroeste

A. Physical use table (hm3/year)		Industries									
2003	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	185.2	1.0	16.2	28.4	0.0	0.0	230.8	0.0		230.8
	1.a. Abstraction for own use	185.2	1.0	16.2	0.0	0.0	0.0	202.4			202.4
	Hydroelectric power generation			16.2				16.2			16.2
	Irrigation water	185.2						185.2			185.2
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		1.0	0.0				1.0			1.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	28.4	0.0	0.0	28.4			28.4
	1.i. Abstraction from inland water resources:	185.2	1.0	16.2	28.1	0.0	0.0	230.6	0.0		230.6
	1.i.1. Surface water			16.2	26.1			42.3			42.3
	1.i.2. Groundwater	19.0	1.0	0.0	2.0			22.1			22.1
	1.i.2a. Groundwater (renewable resources)	18.0									
	1.i.2b. Groundwater (non-renewable resources)	1.0									
	1.i.3. Soil Water (*green water*)	166.2						166.2			166.2
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.0		0.2
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.2			0.2			0.2
	2. Use of water received from other economic units	30.9	1.5	0.0	15.0	2.7	0.2	50.3	5.4	3.0	58.7
	2.a. Reused water (from W-sanitation)	2.5	0.0				0.0	2.5			2.5
	2.b. Wastewater to sewerage					2.7		2.7			2.7
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.2		0.2
	2.d. from "W-Supply" (sww)	21.8	0.3				0.0	22.1	0.9		23.0
	2.e. from "W-Supply" (gww)		0.3				0.0	0.4	1.3		1.6
	2.f. from "W-Supply" (tts)	6.6	0.9				0.1	7.7	3.0		10.7
	2.g. from water transfer cannals and aqueducts (tts)				15.0			15.0			
	3. Total use of water (= 1 + 2)	216.1	2.6	16.2	43.3	2.7	0.2	281.1	5.4	3.0	289.5

B. Physical supply table (hm3/year)		Industries									
2003	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.9	0.0	35.5	2.7	0.1	3.9	1.8	18.0	23.7
	4.i. goes to Agriculture				28.4	2.5					
	4.ii. goes to Industry				1.5	0.0					
Within the economy	4.iV. goes to Services				0.2	0.0					
	4.V. goes to Households				5.4						
	4.a. Reused water					2.7		2.7			2.7
	4.b. Wastewater to sewerage		0.9	0.0			0.1	0.9	1.8		2.7
	4.c. Desalinated water				0.2			0.2			0.2
	5. Total returns (= 5.a + 5.b)	14.0	0.5	16.2	7.8	0.0	0.0	38.6	0.0		38.6
	Hydroelectric power generation			16.2				16.2			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	14.0	0.0		7.8	0.0	0.0	21.9	0.0		
	Treated wastewater		0.5					0.5			
	Other							0.0			
	5.a. To inland water resources	14.0	0.5	16.2	7.8	0.0	0.0	38.6	0.0		38.6
	5.a.1. Surface water		0.5	16.2				16.7			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	14.0			7.8	0.0	0.0	21.9	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	14.0	1.4	16.2	43.3	2.7	0.1	42.5	1.8		62.3
	7. Water consumption (= 3 - 6) of which	202.0	1.1	0.0	0.0	0.0	0.1	238.6	3.6		227.3
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2003	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.9		0.9			0.9
	Energy 35							0.0			0.0
	W-Supply 36	28.4	1.5				0.2	30.1	5.4		35.5
	W-Sanitation 37	2.5	0.0				0.0	2.5			2.5
	Services 38,39/45-99					0.1		0.1			0.1
	Total	30.9	1.5	0.0	0.0	0.9	0.2	33.5	5.4	0.0	39.0
Households						1.8		1.8			1.8
From other reference units					15.0			15.0			15.0
TOTAL		30.9	1.5	0.0	15.0	2.7	0.2	50.3	5.4	0.0	55.7

Physical Supply and Use Tables - Year 2003 - REWMU: III - Guadalentín

A. Physical use table (hm3/year)		Industries									
2003	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	244.2	0.0	10.9	21.1	0.0	0.0	276.2	0.0		276.2
	1.a. Abstraction for own use	244.2	0.0	10.9	0.0	0.0	0.0	255.1			255.1
	Hydroelectric power generation			10.9				10.9			10.9
	Irrigation water	244.2						244.2			244.2
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.0	0.0				0.0			0.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	21.1	0.0	0.0	21.1			21.1
	1.i. Abstraction from inland water resources:	244.2	0.0	10.9	20.8	0.0	0.0	275.9	0.0		275.9
	1.i.1. Surface water			10.9	16.1			27.0			27.0
	1.i.2. Groundwater	107.4	0.0	0.0	4.6			112.0			112.0
	1.i.2a. Groundwater (renewable resources)	33.3									
	1.i.2b. Groundwater (non-renewable resources)	74.1									
	1.i.3. Soil Water (*green water*)	136.8						136.8			136.8
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.4	0.0	0.0	0.4	0.0		0.4
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.4			0.4			0.4
	2. Use of water received from other economic units	72.8	5.3	0.0	83.6	1.7	0.2	163.5	9.4	16.5	189.4
	2.a. Reused water (from W-sanitation)	1.7	0.0				0.0	1.7			1.7
	2.b. Wastewater to sewerage					1.7		1.7			1.7
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.4		0.4
	2.d. from "W-Supply" (sww)	11.9	1.0				0.0	12.9	1.5		14.3
	2.e. from "W-Supply" (gww)		1.1				0.0	1.1	2.6		3.8
	2.f. from "W-Supply" (tts)	59.3	3.2				0.1	62.7	4.9		67.6
	2.g. from water transfer cannals and aqueducts (tts)				83.6			83.6			
	3. Total use of water (= 1 + 2)	317.0	5.3	10.9	104.7	1.7	0.2	439.8	9.4	16.5	465.6

B. Physical supply table (hm3/year)		Industries									
2003	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.6	0.0	86.0	1.7	0.0	2.6	1.0	100.0	103.7
	4.i. goes to Agriculture				71.1	1.7					
	4.ii. goes to Industry				5.3	0.0					
Within the economy	4.iV. goes to Services				0.2	0.0					
	4.V. goes to Households				9.4						
	4.a. Reused water					1.7		1.7			1.7
	4.b. Wastewater to sewerage		0.6	0.0			0.0	0.6	1.0		1.7
	4.c. Desalinated water				0.4			0.4			0.4
	5. Total returns (= 5.a + 5.b)	31.1	0.0	10.9	18.7	0.0	0.0	60.7	0.0		60.7
	Hydroelectric power generation			10.9				10.9			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	31.1	0.0		18.7	0.0	0.0	49.8	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	31.1	0.0	10.9	18.7	0.0	0.0	60.7	0.0		60.7
	5.a.1. Surface water		0.0	10.9				10.9			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	31.1			18.7	0.0	0.0	49.8	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	31.1	0.6	10.9	104.7	1.7	0.0	63.3	1.0		164.4
	7. Water consumption (= 3 - 6) of which	285.9	4.7	0.0	0.0	0.0	0.2	376.5	8.3		301.2
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2003	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.6		0.6			0.6
	Energy 35							0.0			0.0
	W-Supply 36	71.1	5.3				0.2	76.6	9.4		86.0
	W-Sanitation 37	1.7	0.0				0.0	1.7			1.7
	Services 38,39/45-99					0.0		0.0			0.0
	Total	72.8	5.3	0.0	0.0	0.6	0.2	78.9	9.4	0.0	88.3
Households						1.0		1.0			1.0
From other reference units					83.6			83.6			83.6
TOTAL		72.8	5.3	0.0	83.6	1.7	0.2	163.5	9.4	0.0	172.9

Physical Supply and Use Tables - Year 2003 - REWMU: IV - Vega

A. Physical use table (hm3/year)		Industries									
2003	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	288.4	7.2	678.6	311.4	0.0	0.0	1285.6	0.0		1285.6
	1.a. Abstraction for own use	288.4	7.2	678.6	0.0	0.0	0.0	974.2			974.2
	Hydroelectric power generation			678.6				678.6			678.6
	Irrigation water	288.4						288.4			288.4
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		7.2	0.0				7.2			7.2
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	311.4	0.0	0.0	311.4			311.4
	1.i. Abstraction from inland water resources:	288.4	7.2	678.6	309.1	0.0	0.0	1283.3	0.0		1283.3
	1.i.1. Surface water			678.6	290.9			969.5			969.5
	1.i.2. Groundwater	27.3	7.2	0.0	18.2			52.7			52.7
	1.i.2a. Groundwater (renewable resources)	15.6									
	1.i.2b. Groundwater (non-renewable resources)	11.7									
	1.i.3. Soil Water (*green water*)	261.1						261.1			261.1
	1.ii. Abstraction from other sources	0.0	0.0	0.0	2.3	0.0	0.0	2.3	0.0		2.3
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	2.3			2.3			2.3
	2. Use of water received from other economic units	359.4	24.7	0.0	206.1	11.7	3.1	605.0	54.6	40.6	700.2
	2.a. Reused water (from W-sanitation)	11.7	0.0				1.9	13.7			13.7
	2.b. Wastewater to sewerage					11.7		11.7			11.7
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	2.3		2.3
	2.d. from "W-Supply" (sww)	236.9	9.3				0.2	246.4	10.7		257.1
	2.e. from "W-Supply" (gww)		3.9				0.2	4.1	10.5		14.6
	2.f. from "W-Supply" (tts)	110.8	11.5				0.7	123.0	31.1		154.0
	2.g. from water transfer cannals and aqueducts (tts)				206.1			206.1			
	3. Total use of water (= 1 + 2)	647.8	31.9	678.6	517.5	11.7	3.1	1890.6	54.6	40.6	1985.8

B. Physical supply table (hm3/year)		Industries									
2003	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	6.4	0.0	428.1	11.7	0.1	20.5	5.3	246.7	272.5
	4.i. goes to Agriculture				347.7	11.7					
	4.ii. goes to Industry				24.7	0.0					
Within the economy	4.iV. goes to Services				1.2	1.9					
	4.V. goes to Households				54.6						
	4.a. Reused water					11.7		11.7			11.7
	4.b. Wastewater to sewerage		6.4	0.0			0.1	6.5	5.3		11.7
	4.c. Desalinated water				2.3			2.3			2.3
	5. Total returns (= 5.a + 5.b)	97.1	2.1	678.6	89.4	0.0	0.2	867.5	0.0		867.5
	Hydroelectric power generation			678.6				678.6			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	97.1	0.0		89.4	0.0	0.2	186.8	0.0		
	Treated wastewater		2.1					2.1			
	Other							0.0			
	5.a. To inland water resources	97.1	2.1	678.6	89.4	0.0	0.2	867.5	0.0		867.5
	5.a.1. Surface water		2.1	678.6				680.7			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	97.1			89.4	0.0	0.2	186.8	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	97.1	8.5	678.6	517.5	11.7	0.3	888.0	5.3		1140.0
	7. Water consumption (= 3 - 6) of which	550.7	23.4	0.0	0.0	0.0	2.8	1002.5	49.3		845.8
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2003	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					6.4		6.4			6.4
	Energy 35							0.0			0.0
	W-Supply 36	347.7	24.7				1.2	373.5	54.6		428.1
	W-Sanitation 37	11.7	0.0				1.9	13.7			13.7
	Services 38,39/45-99					0.1		0.1			0.1
	Total	359.4	24.7	0.0	0.0	6.5	3.1	393.6	54.6	0.0	448.2
Households						5.3		5.3			5.3
From other reference units					206.1			206.1			206.1
TOTAL		359.4	24.7	0.0	206.1	11.7	3.1	605.0	54.6	0.0	659.6

Physical Supply and Use Tables - Year 2003 - REWMU: V - Noreste

A. Physical use table (hm3/year)		Industries									
2003	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	295.8	0.8	0.0	60.5	0.0	0.0	357.1	0.0		357.1
	1.a. Abstraction for own use	295.8	0.8	0.0	0.0	0.0	0.0	296.6			296.6
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	295.8						295.8			295.8
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.8	0.0				0.8			0.8
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	60.5	0.0	0.0	60.5			60.5
	1.i. Abstraction from inland water resources:	295.8	0.8	0.0	60.5	0.0	0.0	357.1	0.0		357.1
	1.i.1. Surface water			0.0	56.2			56.2			56.2
	1.i.2. Groundwater	89.6	0.8	0.0	4.3			94.7			94.7
	1.i.2a. Groundwater (renewable resources)	22.8									
	1.i.2b. Groundwater (non-renewable resources)	66.8									
	1.i.3. Soil Water (*green water*)	206.2						206.2			206.2
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.0			0.0			0.0
	2. Use of water received from other economic units	52.9	0.4	0.0	1.5	1.7	0.1	56.7	4.2	0.3	61.1
	2.a. Reused water (from W-sanitation)	1.7	0.0				0.0	1.7			1.7
	2.b. Wastewater to sewerage					1.7		1.7			1.7
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.0		0.0
	2.d. from "W-Supply" (sww)	51.2	0.1				0.0	51.3	0.1		51.5
	2.e. from "W-Supply" (gww)		0.1				0.0	0.1	3.5		3.6
	2.f. from "W-Supply" (tts)	0.0	0.3				0.1	0.3	0.5		0.8
	2.g. from water transfer cannals and aqueducts (tts)				1.5			1.5			
	3. Total use of water (= 1 + 2)	348.7	1.2	0.0	62.0	1.7	0.1	413.8	4.2	0.3	418.2

B. Physical supply table (hm3/year)		Industries									
2003	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.5	0.0	56.0	1.7	0.0	2.3	1.2	1.8	5.2
	4.i. goes to Agriculture				51.2	1.7					
	4.ii. goes to Industry				0.4	0.0					
Within the economy	4.iV. goes to Services				0.1	0.0					
	4.V. goes to Households				4.2						
	4.a. Reused water					1.7		1.7			1.7
	4.b. Wastewater to sewerage		0.5	0.0			0.0	0.5	1.2		1.7
	4.c. Desalinated water				0.0			0.0			0.0
	5. Total returns (= 5.a + 5.b)	19.8	0.3	0.0	6.1	0.0	0.0	26.2	0.0		26.2
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	19.8	0.0		6.1	0.0	0.0	25.9	0.0		
	Treated wastewater		0.3					0.3			
	Other							0.0			
	5.a. To inland water resources	19.8	0.3	0.0	6.1	0.0	0.0	26.2	0.0		26.2
	5.a.1. Surface water		0.3	0.0				0.3			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	19.8			6.1	0.0	0.0	25.9	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	19.8	0.8	0.0	62.0	1.7	0.0	28.5	1.2		31.4
	7. Water consumption (= 3 - 6) of which	328.9	0.4	0.0	0.0	0.0	0.1	385.3	3.0		386.8
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2003	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.5		0.5			0.5
	Energy 35							0.0			0.0
	W-Supply 36	51.2	0.4				0.1	51.8	4.2		56.0
	W-Sanitation 37	1.7	0.0				0.0	1.7			1.7
	Services 38,39/45-99					0.0		0.0			0.0
	Total	52.9	0.4	0.0	0.0	0.5	0.1	54.0	4.2	0.0	58.2
Households						1.2		1.2			1.2
From other reference units					1.5			1.5			1.5
TOTAL		52.9	0.4	0.0	1.5	1.7	0.1	56.7	4.2	0.0	60.9

Physical Supply and Use Tables - Year 2003 - REWMU: VI - Sur Costa

A. Physical use table (hm3/year)		Industries									
2003	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	70.8	0.0	0.0	9.0	0.0	0.0	79.8	0.0		79.8
	1.a. Abstraction for own use	70.8	0.0	0.0	0.0	0.0	0.0	70.8			70.8
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	70.8						70.8			70.8
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.0	0.0				0.0			0.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	9.0	0.0	0.0	9.0			9.0
	1.i. Abstraction from inland water resources:	60.8	0.0	0.0	8.8	0.0	0.0	69.7	0.0		69.7
	1.i.1. Surface water			0.0	6.5			6.5			6.5
	1.i.2. Groundwater	23.8	0.0	0.0	2.3			26.1			26.1
	1.i.2a. Groundwater (renewable resources)	6.5									
	1.i.2b. Groundwater (non-renewable resources)	17.3									
	1.i.3. Soil Water (*green water*)	37.0						37.0			37.0
	1.ii. Abstraction from other sources	10.0	0.0	0.0	0.2	0.0	0.0	10.2	0.0		10.2
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	10.0		0.0	0.2			10.2			10.2
	2. Use of water received from other economic units	35.1	1.8	0.0	40.1	3.2	0.8	81.0	4.6	7.9	93.5
	2.a. Reused water (from W-sanitation)	1.3	0.0				0.3	1.6			1.6
	2.b. Wastewater to sewerage					3.2		3.2			3.2
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.2		0.2
	2.d. from "W-Supply" (sww)	4.9	0.3				0.1	5.3	0.7		6.0
	2.e. from "W-Supply" (gww)		0.4				0.1	0.5	1.4		1.9
	2.f. from "W-Supply" (tts)	28.9	1.1				0.3	30.3	2.3		32.6
	2.g. from water transfer cannals and aqueducts (tts)				40.1			40.1			
	3. Total use of water (= 1 + 2)	105.9	1.8	0.0	49.1	3.2	0.8	160.8	4.6	7.9	173.3

B. Physical supply table (hm3/year)		Industries									
2003	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.8	0.0	40.6	1.3	0.2	2.5	2.1	48.0	52.7
	4.i. goes to Agriculture				33.8	1.3					
	4.ii. goes to Industry				1.8	0.0					
Within the economy	4.iV. goes to Services				0.5	0.3					
	4.V. goes to Households				4.6						
	4.a. Reused water					1.3		1.3			1.3
	4.b. Wastewater to sewerage		0.8	0.0			0.2	1.1	2.1		3.2
	4.c. Desalinated water				0.2			0.2			0.2
	5. Total returns (= 5.a + 5.b)	7.0	0.0	0.0	8.5	1.9	0.0	17.4	0.0		17.4
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	7.0	0.0		8.5	0.0	0.0	15.5	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	7.0	0.0	0.0	8.5	0.0	0.0	15.5	0.0		15.5
	5.a.1. Surface water		0.0	0.0				0.0			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	7.0			8.5	0.0	0.0	15.5	0.0		
	5.b. To other sources (e.g., sea water)			0.0		1.9		1.9			1.9
	6. Total supply of water (= 4 + 5)	7.0	0.8	0.0	49.1	3.2	0.3	19.9	2.1		70.1
	7. Water consumption (= 3 - 6) of which	98.9	0.9	0.0	0.0	0.0	0.6	140.9	2.4		103.2
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2003	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.8		0.8			0.8
	Energy 35							0.0			0.0
	W-Supply 36	33.8	1.8				0.5	36.1	4.6		40.6
	W-Sanitation 37	1.3	0.0				0.3	1.6			1.6
	Services 38,39/45-99					0.2		0.2			0.2
	Total	35.1	1.8	0.0	0.0	1.1	0.8	38.7	4.6	0.0	43.3
Households						2.1		2.1			2.1
From other reference units					40.1			40.1			40.1
TOTAL		35.1	1.8	0.0	40.1	3.2	0.8	81.0	4.6	0.0	85.6

Physical Supply and Use Tables - Year 2003 - REWMU: VII - Campo Cartagena

A. Physical use table (hm3/year)		Industries									
2003	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	171.5	0.2	61.8	18.9	0.0	0.0	252.4	0.0		252.4
	1.a. Abstraction for own use	171.5	0.2	61.8	0.0	0.0	0.0	233.5			233.5
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	171.5						171.5			171.5
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			59.7				59.7			59.7
	Other (livestock, aquaculture, ...)		0.2	2.1				2.3			2.3
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	18.9	0.0	0.0	18.9			18.9
	1.i. Abstraction from inland water resources:	169.5	0.2	2.1	18.1	0.0	0.0	190.0	0.0		190.0
	1.i.1. Surface water			0.0	9.4			9.4			9.4
	1.i.2. Groundwater	92.0	0.2	2.1	8.7			103.0			103.0
	1.i.2a. Groundwater (renewable resources)	77.4									
	1.i.2b. Groundwater (non-renewable resources)	14.6									
	1.i.3. Soil Water (*green water*)	77.5						77.5			77.5
	1.ii. Abstraction from other sources	2.0	0.0	59.7	0.7	0.0	0.0	62.4	0.0		62.4
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea*	2.0		59.7	0.7			62.4			62.4
	2. Use of water received from other economic units	105.9	15.2	0.0	152.3	7.3	3.6	284.4	16.5	30.0	330.9
	2.a. Reused water (from W-sanitation)	5.0	0.0				1.3	6.2			6.2
	2.b. Wastewater to sewerage					7.3		7.3			7.3
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.7		0.7
	2.d. from "W-Supply" (sww)	1.7	2.8				0.4	4.8	2.9		7.7
	2.e. from "W-Supply" (gww)		3.1				0.5	3.6	3.3		6.9
	2.f. from "W-Supply" (tts)	99.3	9.3				1.4	110.0	9.6		119.7
	2.g. from water transfer cannals and aqueducts (tts)				152.3			152.3			
	3. Total use of water (= 1 + 2)	277.5	15.4	61.8	171.2	7.3	3.6	536.8	16.5	30.0	583.3

B. Physical supply table (hm3/year)		Industries									
2003	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	3.2	0.0	135.0	5.0	0.7	9.6	3.4	182.4	195.4
	4.i. goes to Agriculture				100.9	5.0					
	4.ii. goes to Industry				15.2	0.0					
Within the economy	4.iV. goes to Services				2.3	1.3					
	4.V. goes to Households				16.5						
	4.a. Reused water					5.0		5.0			5.0
	4.b. Wastewater to sewerage		3.2	0.0			0.7	3.9	3.4		7.3
	4.c. Desalinated water				0.7			0.7			0.7
	5. Total returns (= 5.a + 5.b)	20.4	0.1	59.7	36.2	2.4	0.1	118.9	0.0		118.9
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			59.7				59.7			
Into the environment	*Losses in distribution because of leakages*	20.4	0.0		36.2	0.0	0.1	56.7	0.0		
	Treated wastewater		0.1					0.1			
	Other							0.0			
	5.a. To inland water resources	20.4	0.1	0.0	36.2	0.0	0.1	56.8	0.0		56.8
	5.a.1. Surface water		0.1	0.0				0.1			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	20.4			36.2	0.0	0.1	56.7	0.0		
	5.b. To other sources (e.g., sea water)			59.7		2.4		62.1			62.1
	6. Total supply of water (= 4 + 5)	20.4	3.3	59.7	171.2	7.3	0.8	128.5	3.4		314.3
	7. Water consumption (= 3 - 6) of which	257.1	12.1	2.1	0.0	0.0	2.8	408.3	13.1		269.0
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2003	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					3.2		3.2			3.2
	Energy 35							0.0			0.0
	W-Supply 36	100.9	15.2				2.3	118.5	16.5		135.0
	W-Sanitation 37	5.0	0.0				1.3	6.2			6.2
	Services 38,39/45-99					0.7		0.7			0.7
	Total	105.9	15.2	0.0	0.0	3.9	3.6	128.7	16.5	0.0	145.1
Households						3.4		3.4			3.4
From other reference units					152.3			152.3			152.3
TOTAL		105.9	15.2	0.0	152.3	7.3	3.6	284.4	16.5	0.0	300.9

* Desalination of brackish groundwater

Physical Supply and Use Tables - Year 2004 - REWMU: X - Segura River Basin

A. Physical use table (hm3/year)		Industries									
2004	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	1490.0	9.2	1369.5	558.2	0.0	0.0	3426.9	0.0		3426.9
	1.a. Abstraction for own use	1490.0	9.2	1369.5	0.0	0.0	0.0	2868.8			2868.8
	Hydroelectric power generation			1311.4				1311.4			1311.4
	Irrigation water	1490.0						1490.0			1490.0
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			56.0				56.0			56.0
	Other (livestock, aquaculture, ...)		9.2	2.1				11.3			11.3
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	558.2	0.0	0.0	558.2			558.2
	1.i. Abstraction from inland water resources:	1478.0	9.2	1313.5	545.2	0.0	0.0	3346.0	0.0		3346.0
	1.i.1. Surface water			1311.4	507.2			1818.7			1818.7
	1.i.2. Groundwater	436.7	9.2	2.1	38.0			486.0			486.0
	1.i.2a. Groundwater (renewable resources)	204.8									
	1.i.2b. Groundwater (non-renewable resources)	231.9									
	1.i.3. Soil Water (*green water*)	1041.4						1041.4			1041.4
	1.ii. Abstraction from other sources	12.0	0.0	56.0	12.9	0.0	0.0	80.9	0.0		80.9
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	12.0		56.0	12.9			80.9			80.9
	2. Use of water received from other economic units	730.5	52.2	0.0	352.7	31.4	8.8	1175.5	101.6	92.8	1369.9
	2.a. Reused water (from W-sanitation)	26.7	0.0				4.3	31.0			31.0
	2.b. Wastewater to sewerage					31.4		31.4			31.4
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	12.9		12.9
	2.d. from "W-Supply" (sww)	411.5	15.8				1.0	428.3	20.5		448.8
	2.e. from "W-Supply" (gww)		8.3				0.8	9.1	21.4		30.5
	2.f. from "W-Supply" (tts)	292.3	28.1				2.7	323.1	46.7		369.8
	2.g. from water transfer cannals and aqueducts (tts)				352.7			352.7			
	3. Total use of water (= 1 + 2)	2220.6	61.4	1369.5	910.8	31.4	8.8	4602.4	101.6	92.8	4796.8

B. Physical supply table (hm3/year)		Industries									
2004	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	12.9	0.0	862.0	27.0	1.1	53.9	17.4	445.5	516.8
	4.i. goes to Agriculture				703.8	26.7					
	4.ii. goes to Industry				52.2	0.0					
Within the economy	4.iV. goes to Services				4.5	4.3					
	4.V. goes to Households				101.6						
	4.a. Reused water					27.0		27.0			27.0
	4.b. Wastewater to sewerage		12.9	0.0			1.1	14.0	17.4		31.4
	4.c. Desalinated water				12.9			12.9			12.9
	5. Total returns (= 5.a + 5.b)	229.5	3.1	1367.4	48.8	4.4	0.4	1653.6	0.0		1653.6
	Hydroelectric power generation			1311.4				1311.4			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			56.0				56.0			
Into the environment	*Losses in distribution because of leakages*	229.5	0.0		48.8	0.0	0.4	278.7	0.0		
	Treated wastewater		3.1					3.1			
	Other							0.0			
	5.a. To inland water resources	229.5	3.1	1311.4	48.8	0.0	0.4	1593.3	0.0		1593.3
	5.a.1. Surface water		3.1	1311.4				1314.5			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	229.5			48.8	0.0	0.4	278.7	0.0		
	5.b. To other sources (e.g., sea water)			56.0		4.4		60.4			60.4
	6. Total supply of water (= 4 + 5)	229.5	16.0	1367.4	910.8	31.4	1.5	1707.5	17.4		2170.4
	7. Water consumption (= 3 - 6) of which	1991.1	45.4	2.1	0.0	0.0	7.3	2894.9	84.1		2626.4
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2004	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					12.9		12.9			12.9
	Energy 35							0.0			0.0
	W-Supply 36	703.8	52.2				4.5	760.4	101.6		862.0
	W-Sanitation 37	26.7	0.0				4.3	31.0			31.0
	Services 38,39/45-99					1.1		1.1			1.1
	Total	730.5	52.2	0.0	0.0	14.0	8.8	805.4	101.6	0.0	907.0
Households						17.4		17.4			17.4
From other reference units					352.7			352.7			352.7
TOTAL		730.5	52.2	0.0	352.7	31.4	8.8	1175.5	101.6	0.0	1277.1

Physical Supply and Use Tables - Year 2004 - REWMU: I - Cabecera

A. Physical use table (hm3/year)		Industries							Households	By other reference units (export of water)	TOTAL
2004	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	196.1	0.0	1040.3	98.9	0.0	0.0	1335.3	0.0		1335.3
	1.a. Abstraction for own use	196.1	0.0	1040.3	0.0	0.0	0.0	1236.4			1236.4
	Hydroelectric power generation			1040.3				1040.3			1040.3
	Irrigation water	196.1						196.1			196.1
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.0	0.0				0.0			0.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	98.9	0.0	0.0	98.9			98.9
	1.i. Abstraction from inland water resources:	196.1	0.0	1040.3	98.9	0.0	0.0	1335.3	0.0		1335.3
	1.i.1. Surface water			1040.3	96.1			1136.4			1136.4
	1.i.2. Groundwater	68.5	0.0	0.0	2.8			71.3			71.3
	1.i.2a. Groundwater (renewable resources)	26.3									
	1.i.2b. Groundwater (non-renewable resources)	42.3									
	1.i.3. Soil Water (*green water*)	127.6						127.6			127.6
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.0			0.0			0.0
	2. Use of water received from other economic units	84.6	0.0	0.0	0.1	2.5	0.0	87.2	5.0	0.0	92.3
	2.a. Reused water (from W-sanitation)	2.5	0.0				0.0	2.5			2.5
	2.b. Wastewater to sewerage					2.5		2.5			2.5
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.0		0.0
	2.d. from "W-Supply" (sww)	82.1	0.0				0.0	82.1	2.7		84.7
	2.e. from "W-Supply" (gww)		0.0				0.0	0.0	2.3		2.3
	2.f. from "W-Supply" (tts)	0.0	0.0				0.0	0.0	0.1		0.1
	2.g. from water transfer cannals and aqueducts (tts)				0.1			0.1			
	3. Total use of water (= 1 + 2)	280.7	0.0	1040.3	99.0	2.5	0.0	1422.5	5.0	0.0	1427.6

B. Physical supply table (hm3/year)		Industries							Households	By other reference units (import of water)	TOTAL
2004	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	4. Supply of water to other economic units of which:	0.0	0.0	0.0	87.1	2.5	0.0	2.5	2.5	0.1	5.1
	4.i. goes to Agriculture				82.1	2.5					
	4.ii. goes to Industry				0.0	0.0					
Within the economy	4.iV. goes to Services				0.0	0.0					
	4.V. goes to Households				5.0						
	4.a. Reused water					2.5		2.5			2.5
	4.b. Wastewater to sewerage		0.0	0.0			0.0	0.0	2.5		2.5
	4.c. Desalinated water				0.0			0.0			0.0
	5. Total returns (= 5.a + 5.b)	40.7	0.0	1040.3	11.9	0.0	0.0	1092.8	0.0		1092.8
	Hydroelectric power generation			1040.3				1040.3			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	40.7	0.0		11.9	0.0	0.0	52.5	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	40.7	0.0	1040.3	11.9	0.0	0.0	1092.8	0.0		1092.8
	5.a.1. Surface water		0.0	1040.3				1040.3			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	40.7			11.9	0.0	0.0	52.5	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	40.7	0.0	1040.3	99.0	2.5	0.0	1095.4	2.5		1098.0
	7. Water consumption (= 3 - 6) of which	240.0	0.0	0.0	0.0	0.0	0.0	327.2	2.6		329.6
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries							Households	To other reference units	Total
2004	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.0		0.0			0.0
	Energy 35							0.0			0.0
	W-Supply 36	82.1	0.0				0.0	82.1	5.0		87.1
	W-Sanitation 37	2.5	0.0				0.0	2.5			2.5
	Services 38,39/45-99					0.0		0.0			0.0
	Total	84.6	0.0	0.0	0.0	0.0	0.0	84.6	5.0	0.0	89.6
Households						2.5		2.5			2.5
From other reference units					0.1			0.1			0.1
TOTAL		84.6	0.0	0.0	0.1	2.5	0.0	87.2	5.0	0.0	92.2

Physical Supply and Use Tables - Year 2004 - REWMU: II - Noroeste

A. Physical use table (hm3/year)		Industries									
2004	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	192.2	1.0	31.3	29.0	0.0	0.0	253.5	0.0		253.5
	1.a. Abstraction for own use	192.2	1.0	31.3	0.0	0.0	0.0	224.5			224.5
	Hydroelectric power generation			31.3				31.3			31.3
	Irrigation water	192.2						192.2			192.2
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		1.0	0.0				1.0			1.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	29.0	0.0	0.0	29.0			29.0
	1.i. Abstraction from inland water resources:	192.2	1.0	31.3	28.3	0.0	0.0	252.8	0.0		252.8
	1.i.1. Surface water			31.3	26.4			57.7			57.7
	1.i.2. Groundwater	19.1	1.0	0.0	1.9			22.1			22.1
	1.i.2a. Groundwater (renewable resources)	18.1									
	1.i.2b. Groundwater (non-renewable resources)	1.0									
	1.i.3. Soil Water (*green water*)	173.0						173.0			173.0
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.7	0.0	0.0	0.7	0.0		0.7
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.7			0.7			0.7
	2. Use of water received from other economic units	29.8	1.7	0.0	9.4	2.8	0.2	43.9	5.5	2.5	51.9
	2.a. Reused water (from W-sanitation)	2.5	0.0				0.0	2.5			2.5
	2.b. Wastewater to sewerage					2.8		2.8			2.8
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.7		0.7
	2.d. from "W-Supply" (sww)	21.8	0.4				0.0	22.2	0.9		23.2
	2.e. from "W-Supply" (gww)		0.3				0.0	0.3	1.2		1.5
	2.f. from "W-Supply" (tts)	5.5	1.1				0.1	6.7	2.6		9.3
	2.g. from water transfer cannals and aqueducts (tts)				9.4			9.4			
	3. Total use of water (= 1 + 2)	222.0	2.8	31.3	38.4	2.8	0.2	297.4	5.5	2.5	305.4

B. Physical supply table (hm3/year)		Industries									
2004	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.9	0.0	34.8	2.8	0.1	4.5	1.8	11.8	18.1
	4.i. goes to Agriculture				27.3	2.5					
	4.ii. goes to Industry				1.7	0.0					
Within the economy	4.iV. goes to Services				0.2	0.0					
	4.V. goes to Households				5.5						
	4.a. Reused water					2.8		2.8			2.8
	4.b. Wastewater to sewerage		0.9	0.0			0.1	1.0	1.8		2.8
	4.c. Desalinated water				0.7			0.7			0.7
	5. Total returns (= 5.a + 5.b)	13.8	0.5	31.3	3.7	0.0	0.0	49.3	0.0		49.3
	Hydroelectric power generation			31.3				31.3			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	13.8	0.0		3.7	0.0	0.0	17.5	0.0		
	Treated wastewater		0.5					0.5			
	Other							0.0			
	5.a. To inland water resources	13.8	0.5	31.3	3.7	0.0	0.0	49.3	0.0		49.3
	5.a.1. Surface water		0.5	31.3				31.8			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	13.8			3.7	0.0	0.0	17.5	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	13.8	1.5	31.3	38.4	2.8	0.1	53.8	1.8		67.4
	7. Water consumption (= 3 - 6) of which	208.2	1.3	0.0	0.0	0.0	0.1	243.6	3.7		238.0
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2004	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.9		0.9			0.9
	Energy 35							0.0			0.0
	W-Supply 36	27.3	1.7				0.2	29.3	5.5		34.8
	W-Sanitation 37	2.5	0.0				0.0	2.5			2.5
	Services 38,39/45-99					0.1		0.1			0.1
	Total	29.8	1.7	0.0	0.0	1.0	0.2	32.7	5.5	0.0	38.2
Households						1.8		1.8			1.8
From other reference units					9.4			9.4			9.4
TOTAL		29.8	1.7	0.0	9.4	2.8	0.2	43.9	5.5	0.0	49.4

Physical Supply and Use Tables - Year 2004 - REWMU: III - Guadalentín

A. Physical use table (hm3/year)		Industries							Households	By other reference units (export of water)	TOTAL
2004	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	244.6	0.0	21.1	21.9	0.0	0.0	287.6	0.0		287.6
	1.a. Abstraction for own use	244.6	0.0	21.1	0.0	0.0	0.0	265.7			265.7
	Hydroelectric power generation			21.1				21.1			21.1
	Irrigation water	244.6						244.6			244.6
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.0	0.0				0.0			0.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	21.9	0.0	0.0	21.9			21.9
	1.i. Abstraction from inland water resources:	244.6	0.0	21.1	20.7	0.0	0.0	286.4	0.0		286.4
	1.i.1. Surface water			21.1	16.6			37.7			37.7
	1.i.2. Groundwater	109.2	0.0	0.0	4.1			113.3			113.3
	1.i.2a. Groundwater (renewable resources)	33.8									
	1.i.2b. Groundwater (non-renewable resources)	75.4									
	1.i.3. Soil Water (*green water*)	135.4						135.4			135.4
	1.ii. Abstraction from other sources	0.0	0.0	0.0	1.2	0.0	0.0	1.2	0.0		1.2
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	1.2			1.2			1.2
	2. Use of water received from other economic units	70.4	5.4	0.0	60.2	1.7	0.2	137.9	9.5	15.8	163.3
	2.a. Reused water (from W-sanitation)	1.7	0.0				0.0	1.7			1.7
	2.b. Wastewater to sewerage					1.7		1.7			1.7
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	1.2		1.2
	2.d. from "W-Supply" (sww)	11.9	1.2				0.0	13.1	1.6		14.7
	2.e. from "W-Supply" (gww)		1.0				0.0	1.0	2.3		3.3
	2.f. from "W-Supply" (tts)	56.8	3.3				0.1	60.3	4.4		64.7
	2.g. from water transfer cannals and aqueducts (tts)				60.2			60.2			
	3. Total use of water (= 1 + 2)	315.0	5.4	21.1	82.1	1.7	0.2	425.5	9.5	15.8	450.9

B. Physical supply table (hm3/year)		Industries							Households	By other reference units (import of water)	TOTAL
2004	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	4. Supply of water to other economic units of which:	0.0	0.6	0.0	83.9	1.7	0.0	3.5	1.1	76.0	80.6
	4.i. goes to Agriculture				68.7	1.7					
	4.ii. goes to Industry				5.4	0.0					
Within the economy	4.iV. goes to Services				0.2	0.0					
	4.V. goes to Households				9.5						
	4.a. Reused water					1.7		1.7			1.7
	4.b. Wastewater to sewerage		0.6	0.0			0.0	0.6	1.1		1.7
	4.c. Desalinated water				1.2			1.2			1.2
	5. Total returns (= 5.a + 5.b)	31.1	0.0	21.1	-1.8	0.0	0.0	50.3	0.0		50.3
	Hydroelectric power generation			21.1				21.1			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	31.1	0.0		-1.8	0.0	0.0	29.3	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	31.1	0.0	21.1	-1.8	0.0	0.0	50.3	0.0		50.3
	5.a.1. Surface water		0.0	21.1				21.1			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	31.1			-1.8	0.0	0.0	29.3	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	31.1	0.6	21.1	82.1	1.7	0.0	53.9	1.1		131.0
	7. Water consumption (= 3 - 6) of which	284.0	4.8	0.0	0.0	0.0	0.2	371.7	8.5		320.0
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries							Households	To other reference units	Total
2004	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.6		0.6			0.6
	Energy 35							0.0			0.0
	W-Supply 36	68.7	5.4				0.2	74.4	9.5		83.9
	W-Sanitation 37	1.7	0.0				0.0	1.7			1.7
	Services 38,39/45-99					0.0		0.0			0.0
	Total	70.4	5.4	0.0	0.0	0.6	0.2	76.7	9.5	0.0	86.2
Households						1.1		1.1			1.1
From other reference units					60.2			60.2			60.2
TOTAL		70.4	5.4	0.0	60.2	1.7	0.2	137.9	9.5	0.0	147.5

Physical Supply and Use Tables - Year 2004 - REWMU: IV - Vega

A. Physical use table (hm3/year)		Industries									
2004	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	324.9	7.2	1311.4	317.6	0.0	0.0	1961.1	0.0		1961.1
	1.a. Abstraction for own use	324.9	7.2	1311.4	0.0	0.0	0.0	1643.6			1643.6
	Hydroelectric power generation			1311.4				1311.4			1311.4
	Irrigation water	324.9						324.9			324.9
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		7.2	0.0				7.2			7.2
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	317.6	0.0	0.0	317.6			317.6
	1.i. Abstraction from inland water resources:	324.9	7.2	1311.4	309.7	0.0	0.0	1953.3	0.0		1953.3
	1.i.1. Surface water			1311.4	294.3			1605.8			1605.8
	1.i.2. Groundwater	32.1	7.2	0.0	15.4			54.7			54.7
	1.i.2a. Groundwater (renewable resources)	18.4									
	1.i.2b. Groundwater (non-renewable resources)	13.7									
	1.i.3. Soil Water (*green water*)	292.8						292.8			292.8
	1.ii. Abstraction from other sources	0.0	0.0	0.0	7.8	0.0	0.0	7.8	0.0		7.8
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	7.8			7.8			7.8
	2. Use of water received from other economic units	353.3	26.2	0.0	141.3	11.9	3.1	535.9	55.7	37.2	628.8
	2.a. Reused water (from W-sanitation)	11.9	0.0				1.9	13.9			13.9
	2.b. Wastewater to sewerage					11.9		11.9			11.9
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	7.8		7.8
	2.d. from "W-Supply" (sww)	237.7	10.3				0.3	248.2	11.4		259.6
	2.e. from "W-Supply" (gww)		3.6				0.2	3.8	8.3		12.1
	2.f. from "W-Supply" (tts)	103.7	12.3				0.7	116.8	28.2		145.0
	2.g. from water transfer cannals and aqueducts (tts)				141.3			141.3			
	3. Total use of water (= 1 + 2)	678.3	33.4	1311.4	458.8	11.9	3.1	2497.0	55.7	37.2	2589.9

B. Physical supply table (hm3/year)		Industries									
2004	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	6.5	0.0	424.5	11.9	0.1	26.3	5.3	178.4	210.1
	4.i. goes to Agriculture				341.4	11.9					
	4.ii. goes to Industry				26.2	0.0					
Within the economy	4.iV. goes to Services				1.2	1.9					
	4.V. goes to Households				55.7						
	4.a. Reused water					11.9		11.9			11.9
	4.b. Wastewater to sewerage		6.5	0.0			0.1	6.6	5.3		11.9
	4.c. Desalinated water				7.8			7.8			7.8
	5. Total returns (= 5.a + 5.b)	96.9	2.1	1311.4	34.3	0.0	0.2	1444.9	0.0		1444.9
	Hydroelectric power generation			1311.4				1311.4			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	96.9	0.0		34.3	0.0	0.2	131.3	0.0		
	Treated wastewater		2.1					2.1			
	Other							0.0			
	5.a. To inland water resources	96.9	2.1	1311.4	34.3	0.0	0.2	1444.9	0.0		1444.9
	5.a.1. Surface water		2.1	1311.4				1313.6			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	96.9			34.3	0.0	0.2	131.3	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	96.9	8.6	1311.4	458.8	11.9	0.3	1471.2	5.3		1655.0
	7. Water consumption (= 3 - 6) of which	581.4	24.8	0.0	0.0	0.0	2.8	1025.8	50.4		934.9
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2004	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					6.5		6.5			6.5
	Energy 35							0.0			0.0
	W-Supply 36	341.4	26.2				1.2	368.8	55.7		424.5
	W-Sanitation 37	11.9	0.0				1.9	13.9			13.9
	Services 38,39/45-99					0.1		0.1			0.1
	Total	353.3	26.2	0.0	0.0	6.6	3.1	389.3	55.7	0.0	445.0
Households						5.3		5.3			5.3
From other reference units					141.3			141.3			141.3
TOTAL		353.3	26.2	0.0	141.3	11.9	3.1	535.9	55.7	0.0	591.6

Physical Supply and Use Tables - Year 2004 - REWMU: V - Noreste

A. Physical use table (hm3/year)		Industries									
2004	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	289.6	0.8	0.0	60.9	0.0	0.0	351.2	0.0		351.2
	1.a. Abstraction for own use	289.6	0.8	0.0	0.0	0.0	0.0	290.3			290.3
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	289.6						289.6			289.6
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.8	0.0				0.8			0.8
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	60.9	0.0	0.0	60.9			60.9
	1.i. Abstraction from inland water resources:	289.6	0.8	0.0	60.8	0.0	0.0	351.1	0.0		351.1
	1.i.1. Surface water			0.0	56.4			56.4			56.4
	1.i.2. Groundwater	89.6	0.8	0.0	4.4			94.7			94.7
	1.i.2a. Groundwater (renewable resources)	22.8									
	1.i.2b. Groundwater (non-renewable resources)	66.8									
	1.i.3. Soil Water (*green water*)	200.0						200.0			200.0
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0		0.1
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.1			0.1			0.1
	2. Use of water received from other economic units	53.1	0.5	0.0	0.9	1.7	0.1	56.4	4.2	0.2	60.8
	2.a. Reused water (from W-sanitation)	1.7	0.0				0.0	1.7			1.7
	2.b. Wastewater to sewerage					1.7		1.7			1.7
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.1		0.1
	2.d. from "W-Supply" (sww)	51.4	0.1				0.0	51.5	0.2		51.7
	2.e. from "W-Supply" (gww)		0.1				0.0	0.1	3.5		3.6
	2.f. from "W-Supply" (tts)	0.0	0.3				0.1	0.4	0.4		0.8
	2.g. from water transfer cannals and aqueducts (tts)				0.9			0.9			
	3. Total use of water (= 1 + 2)	342.7	1.2	0.0	61.8	1.7	0.1	407.6	4.2	0.2	412.1

B. Physical supply table (hm3/year)		Industries									
2004	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.5	0.0	56.2	1.7	0.0	2.4	1.2	1.1	4.7
	4.i. goes to Agriculture				51.4	1.7					
	4.ii. goes to Industry				0.5	0.0					
Within the economy	4.iV. goes to Services				0.1	0.0					
	4.V. goes to Households				4.2						
	4.a. Reused water					1.7		1.7			1.7
	4.b. Wastewater to sewerage		0.5	0.0			0.0	0.5	1.2		1.7
	4.c. Desalinated water				0.1			0.1			0.1
	5. Total returns (= 5.a + 5.b)	19.7	0.3	0.0	5.5	0.0	0.0	25.5	0.0		25.5
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	19.7	0.0		5.5	0.0	0.0	25.2	0.0		
	Treated wastewater		0.3					0.3			
	Other							0.0			
	5.a. To inland water resources	19.7	0.3	0.0	5.5	0.0	0.0	25.5	0.0		25.5
	5.a.1. Surface water		0.3	0.0				0.3			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	19.7			5.5	0.0	0.0	25.2	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	19.7	0.8	0.0	61.8	1.7	0.0	27.9	1.2		30.3
	7. Water consumption (= 3 - 6) of which	323.1	0.4	0.0	0.0	0.0	0.1	379.7	3.0		381.8
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2004	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.5		0.5			0.5
	Energy 35							0.0			0.0
	W-Supply 36	51.4	0.5				0.1	52.0	4.2		56.2
	W-Sanitation 37	1.7	0.0				0.0	1.7			1.7
	Services 38,39/45-99					0.0		0.0			0.0
	Total	53.1	0.5	0.0	0.0	0.5	0.1	54.3	4.2	0.0	58.5
Households						1.2		1.2			1.2
From other reference units					0.9			0.9			0.9
TOTAL		53.1	0.5	0.0	0.9	1.7	0.1	56.4	4.2	0.0	60.6

Physical Supply and Use Tables - Year 2004 - REWMU: VI - Sur Costa

A. Physical use table (hm3/year)		Industries									
2004	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	71.2	0.0	0.0	9.5	0.0	0.0	80.6	0.0		80.6
	1.a. Abstraction for own use	71.2	0.0	0.0	0.0	0.0	0.0	71.2			71.2
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	71.2						71.2			71.2
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.0	0.0				0.0			0.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	9.5	0.0	0.0	9.5			9.5
	1.i. Abstraction from inland water resources:	61.2	0.0	0.0	8.9	0.0	0.0	70.0	0.0		70.0
	1.i.1. Surface water			0.0	6.8			6.8			6.8
	1.i.2. Groundwater	24.5	0.0	0.0	2.1			26.6			26.6
	1.i.2a. Groundwater (renewable resources)	6.7									
	1.i.2b. Groundwater (non-renewable resources)	17.8									
	1.i.3. Soil Water (*green water*)	36.6						36.6			36.6
	1.ii. Abstraction from other sources	10.0	0.0	0.0	0.6	0.0	0.0	10.6	0.0		10.6
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	10.0		0.0	0.6			10.6			10.6
	2. Use of water received from other economic units	31.4	2.1	0.0	26.8	3.3	0.7	64.3	4.7	7.1	76.0
	2.a. Reused water (from W-sanitation)	1.3	0.0				0.3	1.7			1.7
	2.b. Wastewater to sewerage					3.3		3.3			3.3
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.6		0.6
	2.d. from "W-Supply" (sww)	4.9	0.5				0.1	5.5	0.7		6.2
	2.e. from "W-Supply" (gww)		0.4				0.1	0.5	1.2		1.7
	2.f. from "W-Supply" (tts)	25.1	1.3				0.2	26.6	2.1		28.7
	2.g. from water transfer cannals and aqueducts (tts)				26.8			26.8			
	3. Total use of water (= 1 + 2)	102.5	2.1	0.0	36.3	3.3	0.7	144.9	4.7	7.1	156.7

B. Physical supply table (hm3/year)		Industries									
2004	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	1.0	0.0	37.2	1.3	0.2	3.1	2.1	33.8	39.1
	4.i. goes to Agriculture				30.0	1.3					
	4.ii. goes to Industry				2.1	0.0					
Within the economy	4.iV. goes to Services				0.4	0.3					
	4.V. goes to Households				4.7						
	4.a. Reused water					1.3		1.3			1.3
	4.b. Wastewater to sewerage		1.0	0.0			0.2	1.2	2.1		3.3
	4.c. Desalinated water				0.6			0.6			0.6
	5. Total returns (= 5.a + 5.b)	6.7	0.0	0.0	-1.0	2.0	0.0	7.7	0.0		7.7
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	6.7	0.0		-1.0	0.0	0.0	5.7	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	6.7	0.0	0.0	-1.0	0.0	0.0	5.7	0.0		5.7
	5.a.1. Surface water		0.0	0.0				0.0			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	6.7			-1.0	0.0	0.0	5.7	0.0		
	5.b. To other sources (e.g., sea water)			0.0		2.0		2.0			2.0
	6. Total supply of water (= 4 + 5)	6.7	1.0	0.0	36.3	3.3	0.2	10.8	2.1		46.7
	7. Water consumption (= 3 - 6) of which	95.8	1.2	0.0	0.0	0.0	0.5	134.1	2.6		109.9
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2004	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					1.0		1.0			1.0
	Energy 35							0.0			0.0
	W-Supply 36	30.0	2.1				0.4	32.5	4.7		37.2
	W-Sanitation 37	1.3	0.0				0.3	1.7			1.7
	Services 38,39/45-99					0.2		0.2			0.2
	Total	31.4	2.1	0.0	0.0	1.2	0.7	35.3	4.7	0.0	40.0
Households						2.1		2.1			2.1
From other reference units					26.8			26.8			26.8
TOTAL		31.4	2.1	0.0	26.8	3.3	0.7	64.3	4.7	0.0	69.0

Physical Supply and Use Tables - Year 2004 - REWMU: VII - Campo Cartagena

A. Physical use table (hm3/year)		Industries									
2004	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	171.4	0.2	58.1	20.4	0.0	0.0	250.1	0.0		250.1
	1.a. Abstraction for own use	171.4	0.2	58.1	0.0	0.0	0.0	229.7			229.7
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	171.4						171.4			171.4
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			56.0				56.0			56.0
	Other (livestock, aquaculture, ...)		0.2	2.1				2.3			2.3
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	20.4	0.0	0.0	20.4			20.4
	1.i. Abstraction from inland water resources:	169.4	0.2	2.1	18.0	0.0	0.0	189.7	0.0		189.7
	1.i.1. Surface water			0.0	10.6			10.6			10.6
	1.i.2. Groundwater	93.6	0.2	2.1	7.4			103.3			103.3
	1.i.2a. Groundwater (renewable resources)	78.7									
	1.i.2b. Groundwater (non-renewable resources)	14.9									
	1.i.3. Soil Water (*green water*)	75.8						75.8			75.8
	1.ii. Abstraction from other sources	2.0	0.0	56.0	2.4	0.0	0.0	60.4	0.0		60.4
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea*	2.0		56.0	2.4			60.4			60.4
	2. Use of water received from other economic units	107.9	16.1	0.0	114.0	7.5	4.4	249.9	16.9	30.0	296.8
	2.a. Reused water (from W-sanitation)	5.1	0.0				2.0	7.1			7.1
	2.b. Wastewater to sewerage					7.5		7.5			7.5
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	2.4		2.4
	2.d. from "W-Supply" (sww)	1.7	3.4				0.5	5.6	3.1		8.7
	2.e. from "W-Supply" (gww)		2.9				0.4	3.3	2.6		5.9
	2.f. from "W-Supply" (tts)	101.1	9.8				1.4	112.4	8.8		121.1
	2.g. from water transfer cannals and aqueducts (tts)				114.0			114.0			
	3. Total use of water (= 1 + 2)	279.3	16.3	58.1	134.4	7.5	4.4	500.1	16.9	30.0	546.9

B. Physical supply table (hm3/year)		Industries									
2004	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	3.4	0.0	138.2	5.1	0.7	11.6	3.5	144.0	159.0
	4.i. goes to Agriculture				102.8	5.1					
	4.ii. goes to Industry				16.1	0.0					
Within the economy	4.iV. goes to Services				2.4	2.0					
	4.V. goes to Households				16.9						
	4.a. Reused water					5.1		5.1			5.1
	4.b. Wastewater to sewerage		3.4	0.0			0.7	4.0	3.5		7.5
	4.c. Desalinated water				2.4			2.4			2.4
	5. Total returns (= 5.a + 5.b)	20.7	0.1	56.0	-3.7	2.4	0.2	75.7	0.0		75.7
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			56.0				56.0			
Into the environment	*Losses in distribution because of leakages*	20.7	0.0		-3.7	0.0	0.2	17.2	0.0		
	Treated wastewater		0.1					0.1			
	Other							0.0			
	5.a. To inland water resources	20.7	0.1	0.0	-3.7	0.0	0.2	17.3	0.0		17.3
	5.a.1. Surface water		0.1	0.0				0.1			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	20.7			-3.7	0.0	0.2	17.2	0.0		
	5.b. To other sources (e.g., sea water)			56.0		2.4		58.4			58.4
	6. Total supply of water (= 4 + 5)	20.7	3.5	56.0	134.4	7.5	0.9	87.3	3.5		234.7
	7. Water consumption (= 3 - 6) of which	258.6	12.8	2.1	0.0	0.0	3.6	412.8	13.4		312.2
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2004	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					3.4		3.4			3.4
	Energy 35							0.0			0.0
	W-Supply 36	102.8	16.1				2.4	121.3	16.9		138.2
	W-Sanitation 37	5.1	0.0				2.0	7.1			7.1
	Services 38,39/45-99					0.7		0.7			0.7
	Total	107.9	16.1	0.0	0.0	4.0	4.4	132.5	16.9	0.0	149.3
Households						3.5		3.5			3.5
From other reference units					114.0			114.0			114.0
TOTAL		107.9	16.1	0.0	114.0	7.5	4.4	249.9	16.9	0.0	266.8

* Desalination of brackish groundwater

Physical Supply and Use Tables - Year 2005 - REWMU: X - Segura River Basin

A. Physical use table (hm3/year)		Industries									
2005	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	1434.1	9.2	1238.1	423.9	0.0	0.0	3105.3	0.0		3105.3
	1.a. Abstraction for own use	1434.1	9.2	1238.1	0.0	0.0	0.0	2681.4			2681.4
	Hydroelectric power generation			1188.0				1188.0			1188.0
	Irrigation water	1434.1						1434.1			1434.1
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			48.0				48.0			48.0
	Other (livestock, aquaculture, ...)		9.2	2.1				11.3			11.3
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	423.9	0.0	0.0	423.9			423.9
	1.i. Abstraction from inland water resources:	1422.1	9.2	1190.1	407.4	0.0	0.0	3028.8	0.0		3028.8
	1.i.1. Surface water			1188.0	365.6			1553.6			1553.6
	1.i.2. Groundwater	429.3	9.2	2.1	41.8			482.4			482.4
	1.i.2a. Groundwater (renewable resources)	201.0									
	1.i.2b. Groundwater (non-renewable resources)	228.3									
	1.i.3. Soil Water (*green water*)	992.8						992.8			992.8
	1.ii. Abstraction from other sources	12.0	0.0	48.0	16.5	0.0	0.0	76.5	0.0		76.5
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	12.0		48.0	16.5			76.5			76.5
	2. Use of water received from other economic units	491.8	49.5	0.0	344.8	32.4	9.4	928.0	106.0	80.6	1114.6
	2.a. Reused water (from W-sanitation)	27.5	0.0				4.3	31.8			31.8
	2.b. Wastewater to sewerage					32.4		32.4			32.4
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	16.5		16.5
	2.d. from "W-Supply" (sww)	288.3	14.5				1.0	303.8	18.8		322.6
	2.e. from "W-Supply" (gww)		8.8				1.0	9.8	23.6		33.4
	2.f. from "W-Supply" (tts)	176.0	26.2				3.1	205.3	47.1		252.4
	2.g. from water transfer cannals and aqueducts (tts)				344.8			344.8			
	3. Total use of water (= 1 + 2)	1925.9	58.7	1238.1	768.7	32.4	9.4	4033.3	106.0	80.6	4219.9

B. Physical supply table (hm3/year)		Industries									
2005	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	12.7	0.0	624.9	27.8	1.3	58.3	18.4	425.5	502.3
	4.i. goes to Agriculture				464.3	27.5					
	4.ii. goes to Industry				49.5	0.0					
Within the economy	4.iV. goes to Services				5.0	4.3					
	4.V. goes to Households				106.0						
	4.a. Reused water					27.8		27.8			27.8
	4.b. Wastewater to sewerage		12.7	0.0			1.3	14.0	18.4		32.4
	4.c. Desalinated water				16.5			16.5			16.5
	5. Total returns (= 5.a + 5.b)	179.1	3.1	1236.0	143.9	4.6	0.4	1567.2	0.0		1567.2
	Hydroelectric power generation			1188.0				1188.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			48.0				48.0			
Into the environment	*Losses in distribution because of leakages*	179.1	0.0		143.9	0.0	0.4	323.4	0.0		
	Treated wastewater		3.1					3.1			
	Other							0.0			
	5.a. To inland water resources	179.1	3.1	1188.0	143.9	0.0	0.4	1514.6	0.0		1514.6
	5.a.1. Surface water		3.1	1188.0				1191.1			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	179.1			143.9	0.0	0.4	323.4	0.0		
	5.b. To other sources (e.g., sea water)			48.0		4.6		52.6			52.6
	6. Total supply of water (= 4 + 5)	179.1	15.8	1236.0	768.7	32.4	1.7	1625.5	18.4		2069.4
	7. Water consumption (= 3 - 6) of which	1746.8	42.9	2.1	0.0	0.0	7.7	2407.8	87.5		2150.5
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2005	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					12.7		12.7			12.7
	Energy 35							0.0			0.0
	W-Supply 36	464.3	49.5				5.0	518.9	106.0		624.9
	W-Sanitation 37	27.5	0.0				4.3	31.8			31.8
	Services 38,39/45-99					1.3		1.3			1.3
	Total	491.8	49.5	0.0	0.0	14.0	9.4	564.7	106.0	0.0	670.7
Households						18.4		18.4			18.4
From other reference units					344.8			344.8			344.8
TOTAL		491.8	49.5	0.0	344.8	32.4	9.4	928.0	106.0	0.0	1034.0

Physical Supply and Use Tables - Year 2005 - REWMU: I - Cabecera

A. Physical use table (hm3/year)		Industries							Households	By other reference units (export of water)	TOTAL
2005	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	194.7	0.0	942.4	71.1	0.0	0.0	1208.2	0.0		1208.2
	1.a. Abstraction for own use	194.7	0.0	942.4	0.0	0.0	0.0	1137.1			1137.1
	Hydroelectric power generation			942.4				942.4			942.4
	Irrigation water	194.7						194.7			194.7
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.0	0.0				0.0			0.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	71.1	0.0	0.0	71.1			71.1
	1.i. Abstraction from inland water resources:	194.7	0.0	942.4	71.1	0.0	0.0	1208.2	0.0		1208.2
	1.i.1. Surface water			942.4	68.3			1010.7			1010.7
	1.i.2. Groundwater	68.5	0.0	0.0	2.8			71.2			71.2
	1.i.2a. Groundwater (renewable resources)	26.2									
	1.i.2b. Groundwater (non-renewable resources)	42.2									
	1.i.3. Soil Water (*green water*)	126.3						126.3			126.3
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.0			0.0			0.0
	2. Use of water received from other economic units	60.0	0.0	0.0	0.1	2.5	0.0	62.7	5.1	0.0	67.8
	2.a. Reused water (from W-sanitation)	2.5	0.0				0.0	2.5			2.5
	2.b. Wastewater to sewerage					2.5		2.5			2.5
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.0		0.0
	2.d. from "W-Supply" (sww)	57.5	0.0				0.0	57.5	2.7		60.2
	2.e. from "W-Supply" (gww)		0.0				0.0	0.0	2.3		2.3
	2.f. from "W-Supply" (tts)	0.0	0.0				0.0	0.0	0.1		0.1
	2.g. from water transfer cannals and aqueducts (tts)				0.1			0.1			
	3. Total use of water (= 1 + 2)	254.7	0.0	942.4	71.2	2.5	0.0	1270.9	5.1	0.0	1276.0

B. Physical supply table (hm3/year)		Industries							Households	By other reference units (import of water)	TOTAL
2005	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	4. Supply of water to other economic units of which:	0.0	0.0	0.0	62.6	2.5	0.0	2.5	2.5	0.2	5.2
	4.i. goes to Agriculture				57.5	2.5					
	4.ii. goes to Industry				0.0	0.0					
Within the economy	4.iV. goes to Services				0.0	0.0					
	4.V. goes to Households				5.1						
	4.a. Reused water					2.5		2.5			2.5
	4.b. Wastewater to sewerage		0.0	0.0			0.0	0.0	2.5		2.5
	4.c. Desalinated water				0.0			0.0			0.0
	5. Total returns (= 5.a + 5.b)	33.7	0.0	942.4	8.6	0.0	0.0	984.7	0.0		984.7
	Hydroelectric power generation			942.4				942.4			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	33.7	0.0		8.6	0.0	0.0	42.3	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	33.7	0.0	942.4	8.6	0.0	0.0	984.7	0.0		984.7
	5.a.1. Surface water		0.0	942.4				942.4			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	33.7			8.6	0.0	0.0	42.3	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	33.7	0.0	942.4	71.2	2.5	0.0	987.2	2.5		989.9
	7. Water consumption (= 3 - 6) of which	221.1	0.0	0.0	0.0	0.0	0.0	283.6	2.6		286.1
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries							Households	To other reference units	Total
2005	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.0		0.0			0.0
	Energy 35							0.0			0.0
	W-Supply 36	57.5	0.0				0.0	57.5	5.1		62.6
	W-Sanitation 37	2.5	0.0				0.0	2.5			2.5
	Services 38,39/45-99					0.0		0.0			0.0
	Total	60.0	0.0	0.0	0.0	0.0	0.0	60.1	5.1	0.0	65.1
Households						2.5		2.5			2.5
From other reference units					0.1			0.1			0.1
TOTAL		60.0	0.0	0.0	0.1	2.5	0.0	62.7	5.1	0.0	67.7

Physical Supply and Use Tables - Year 2005 - REWMU: II - Noroeste

A. Physical use table (hm3/year)		Industries									
2005	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	194.0	1.0	28.4	22.0	0.0	0.0	245.4	0.0		245.4
	1.a. Abstraction for own use	194.0	1.0	28.4	0.0	0.0	0.0	223.4			223.4
	Hydroelectric power generation			28.4				28.4			28.4
	Irrigation water	194.0						194.0			194.0
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		1.0	0.0				1.0			1.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	22.0	0.0	0.0	22.0			22.0
	1.i. Abstraction from inland water resources:	194.0	1.0	28.4	21.1	0.0	0.0	244.5	0.0		244.5
	1.i.1. Surface water			28.4	18.9			47.2			47.2
	1.i.2. Groundwater	18.9	1.0	0.0	2.2			22.1			22.1
	1.i.2a. Groundwater (renewable resources)	17.8									
	1.i.2b. Groundwater (non-renewable resources)	1.0									
	1.i.3. Soil Water (*green water*)	175.1						175.1			175.1
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.9	0.0	0.0	0.9	0.0		0.9
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.9			0.9			0.9
	2. Use of water received from other economic units	22.4	2.1	0.0	12.2	2.8	0.2	39.7	5.6	2.9	48.2
	2.a. Reused water (from W-sanitation)	2.5	0.0				0.0	2.5			2.5
	2.b. Wastewater to sewerage					2.8		2.8			2.8
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.9		0.9
	2.d. from "W-Supply" (sww)	15.3	0.4				0.0	15.7	0.8		16.5
	2.e. from "W-Supply" (gww)		0.4				0.0	0.5	1.3		1.7
	2.f. from "W-Supply" (tts)	4.6	1.2				0.1	6.0	2.6		8.6
	2.g. from water transfer cannals and aqueducts (tts)				12.2			12.2			
	3. Total use of water (= 1 + 2)	216.5	3.1	28.4	34.2	2.8	0.2	285.1	5.6	2.9	293.5

B. Physical supply table (hm3/year)		Industries									
2005	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	1.0	0.0	27.8	2.8	0.1	4.8	1.7	15.1	21.6
	4.i. goes to Agriculture				19.9	2.5					
	4.ii. goes to Industry				2.1	0.0					
Within the economy	4.iV. goes to Services				0.2	0.0					
	4.V. goes to Households				5.6						
	4.a. Reused water					2.8		2.8			2.8
	4.b. Wastewater to sewerage		1.0	0.0			0.1	1.1	1.7		2.8
	4.c. Desalinated water				0.9			0.9			0.9
	5. Total returns (= 5.a + 5.b)	11.7	0.5	28.4	6.4	0.0	0.0	47.0	0.0		47.0
	Hydroelectric power generation			28.4				28.4			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	11.7	0.0		6.4	0.0	0.0	18.1	0.0		
	Treated wastewater		0.5					0.5			
	Other							0.0			
	5.a. To inland water resources	11.7	0.5	28.4	6.4	0.0	0.0	47.0	0.0		47.0
	5.a.1. Surface water		0.5	28.4				28.9			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	11.7			6.4	0.0	0.0	18.1	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	11.7	1.6	28.4	34.2	2.8	0.1	51.8	1.7		68.6
	7. Water consumption (= 3 - 6) of which	204.7	1.5	0.0	0.0	0.0	0.1	233.3	3.9		224.9
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2005	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					1.0		1.0			1.0
	Energy 35							0.0			0.0
	W-Supply 36	19.9	2.1				0.2	22.2	5.6		27.8
	W-Sanitation 37	2.5	0.0				0.0	2.5			2.5
	Services 38,39/45-99					0.1		0.1			0.1
	Total	22.4	2.1	0.0	0.0	1.1	0.2	25.8	5.6	0.0	31.4
Households						1.7		1.7			1.7
From other reference units					12.2			12.2			12.2
TOTAL		22.4	2.1	0.0	12.2	2.8	0.2	39.7	5.6	0.0	45.3

Physical Supply and Use Tables - Year 2005 - REWMU: III - Guadalentín

A. Physical use table (hm3/year)		Industries									
2005	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	240.8	0.0	19.1	18.4	0.0	0.0	278.3	0.0		278.3
	1.a. Abstraction for own use	240.8	0.0	19.1	0.0	0.0	0.0	259.9			259.9
	Hydroelectric power generation			19.1				19.1			19.1
	Irrigation water	240.8						240.8			240.8
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.0	0.0				0.0			0.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	18.4	0.0	0.0	18.4			18.4
	1.i. Abstraction from inland water resources:	240.8	0.0	19.1	16.9	0.0	0.0	276.7	0.0		276.7
	1.i.1. Surface water			19.1	12.3			31.4			31.4
	1.i.2. Groundwater	107.8	0.0	0.0	4.5			112.3			112.3
	1.i.2a. Groundwater (renewable resources)	33.4									
	1.i.2b. Groundwater (non-renewable resources)	74.4									
	1.i.3. Soil Water (*green water*)	133.0						133.0			133.0
	1.ii. Abstraction from other sources	0.0	0.0	0.0	1.6	0.0	0.0	1.6	0.0		1.6
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	1.6			1.6			1.6
	2. Use of water received from other economic units	40.8	5.6	0.0	51.2	1.7	0.2	99.5	9.9	12.0	121.4
	2.a. Reused water (from W-sanitation)	1.7	0.0				0.0	1.7			1.7
	2.b. Wastewater to sewerage					1.7		1.7			1.7
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	1.6		1.6
	2.d. from "W-Supply" (sww)	8.3	1.1				0.0	9.4	1.4		10.8
	2.e. from "W-Supply" (gww)		1.1				0.0	1.2	2.5		3.7
	2.f. from "W-Supply" (tts)	30.7	3.4				0.1	34.2	4.4		38.6
	2.g. from water transfer cannals and aqueducts (tts)				51.2			51.2			
	3. Total use of water (= 1 + 2)	281.6	5.6	19.1	69.6	1.7	0.2	377.8	9.9	12.0	399.7

B. Physical supply table (hm3/year)		Industries									
2005	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.6	0.0	54.7	1.7	0.0	3.9	1.1	63.2	68.3
	4.i. goes to Agriculture				39.0	1.7					
	4.ii. goes to Industry				5.6	0.0					
Within the economy	4.iV. goes to Services				0.2	0.0					
	4.V. goes to Households				9.9						
	4.a. Reused water					1.7		1.7			1.7
	4.b. Wastewater to sewerage		0.6	0.0			0.0	0.6	1.1		1.7
	4.c. Desalinated water				1.6			1.6			1.6
	5. Total returns (= 5.a + 5.b)	25.8	0.0	19.1	15.0	0.0	0.0	59.9	0.0		59.9
	Hydroelectric power generation			19.1				19.1			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	25.8	0.0		15.0	0.0	0.0	40.8	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	25.8	0.0	19.1	15.0	0.0	0.0	59.9	0.0		59.9
	5.a.1. Surface water		0.0	19.1				19.1			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	25.8			15.0	0.0	0.0	40.8	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	25.8	0.6	19.1	69.6	1.7	0.0	63.8	1.1		128.1
	7. Water consumption (= 3 - 6) of which	255.7	4.9	0.0	0.0	0.0	0.2	314.0	8.8		271.5
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2005	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.6		0.6			0.6
	Energy 35							0.0			0.0
	W-Supply 36	39.0	5.6				0.2	44.8	9.9		54.7
	W-Sanitation 37	1.7	0.0				0.0	1.7			1.7
	Services 38,39/45-99					0.0		0.0			0.0
	Total	40.8	5.6	0.0	0.0	0.6	0.2	47.2	9.9	0.0	57.1
Households						1.1		1.1			1.1
From other reference units					51.2			51.2			51.2
TOTAL		40.8	5.6	0.0	51.2	1.7	0.2	99.5	9.9	0.0	109.4

Physical Supply and Use Tables - Year 2005 - REWMU: IV - Vega

A. Physical use table (hm3/year)		Industries									
2005	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	281.1	7.2	1188.0	239.9	0.0	0.0	1716.3	0.0		1716.3
	1.a. Abstraction for own use	281.1	7.2	1188.0	0.0	0.0	0.0	1476.4			1476.4
	Hydroelectric power generation			1188.0				1188.0			1188.0
	Irrigation water	281.1						281.1			281.1
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		7.2	0.0				7.2			7.2
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	239.9	0.0	0.0	239.9			239.9
	1.i. Abstraction from inland water resources:	281.1	7.2	1188.0	229.9	0.0	0.0	1706.3	0.0		1706.3
	1.i.1. Surface water			1188.0	212.4			1400.5			1400.5
	1.i.2. Groundwater	28.5	7.2	0.0	17.5			53.2			53.2
	1.i.2a. Groundwater (renewable resources)	16.3									
	1.i.2b. Groundwater (non-renewable resources)	12.2									
	1.i.3. Soil Water (*green water*)	252.6						252.6			252.6
	1.ii. Abstraction from other sources	0.0	0.0	0.0	10.0	0.0	0.0	10.0	0.0		10.0
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	10.0			10.0			10.0
	2. Use of water received from other economic units	245.3	24.7	0.0	149.9	12.3	3.1	435.4	58.6	35.0	529.1
	2.a. Reused water (from W-sanitation)	12.3	0.0				1.9	14.3			14.3
	2.b. Wastewater to sewerage					12.3		12.3			12.3
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	10.0		10.0
	2.d. from "W-Supply" (sww)	166.5	9.7				0.2	176.5	10.3		186.8
	2.e. from "W-Supply" (gww)		3.8				0.2	4.0	9.6		13.6
	2.f. from "W-Supply" (tts)	66.5	11.2				0.7	78.4	28.7		107.1
	2.g. from water transfer cannals and aqueducts (tts)				149.9			149.9			
	3. Total use of water (= 1 + 2)	526.5	31.9	1188.0	389.8	12.3	3.1	2151.7	58.6	35.0	2245.4

B. Physical supply table (hm3/year)		Industries									
2005	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	6.4	0.0	317.6	12.3	0.1	28.9	5.8	184.9	219.6
	4.i. goes to Agriculture				233.0	12.3					
	4.ii. goes to Industry				24.7	0.0					
Within the economy	4.iV. goes to Services				1.2	1.9					
	4.V. goes to Households				58.6						
	4.a. Reused water					12.3		12.3			12.3
	4.b. Wastewater to sewerage		6.4	0.0			0.1	6.5	5.8		12.3
	4.c. Desalinated water				10.0			10.0			10.0
	5. Total returns (= 5.a + 5.b)	68.6	2.1	1188.0	72.3	0.0	0.2	1331.2	0.0		1331.2
	Hydroelectric power generation			1188.0				1188.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	68.6	0.0		72.3	0.0	0.2	141.0	0.0		
	Treated wastewater		2.1					2.1			
	Other							0.0			
	5.a. To inland water resources	68.6	2.1	1188.0	72.3	0.0	0.2	1331.2	0.0		1331.2
	5.a.1. Surface water		2.1	1188.0				1190.2			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	68.6			72.3	0.0	0.2	141.0	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	68.6	8.6	1188.0	389.8	12.3	0.3	1360.1	5.8		1550.8
	7. Water consumption (= 3 - 6) of which	457.9	23.4	0.0	0.0	0.0	2.8	791.6	52.8		694.6
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2005	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					6.4		6.4			6.4
	Energy 35							0.0			0.0
	W-Supply 36	233.0	24.7				1.2	258.9	58.6		317.6
	W-Sanitation 37	12.3	0.0				1.9	14.3			14.3
	Services 38,39/45-99					0.1		0.1			0.1
	Total	245.3	24.7	0.0	0.0	6.5	3.1	279.7	58.6	0.0	338.4
Households						5.8		5.8			5.8
From other reference units					149.9			149.9			149.9
TOTAL		245.3	24.7	0.0	149.9	12.3	3.1	435.4	58.6	0.0	494.0

Physical Supply and Use Tables - Year 2005 - REWMU: V - Noreste

A. Physical use table (hm3/year)		Industries									
2005	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	282.4	0.8	0.0	44.2	0.0	0.0	327.3	0.0		327.3
	1.a. Abstraction for own use	282.4	0.8	0.0	0.0	0.0	0.0	283.1			283.1
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	282.4						282.4			282.4
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.8	0.0				0.8			0.8
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	44.2	0.0	0.0	44.2			44.2
	1.i. Abstraction from inland water resources:	282.4	0.8	0.0	44.0	0.0	0.0	327.2	0.0		327.2
	1.i.1. Surface water			0.0	39.6			39.6			39.6
	1.i.2. Groundwater	89.2	0.8	0.0	4.5			94.4			94.4
	1.i.2a. Groundwater (renewable resources)	22.7									
	1.i.2b. Groundwater (non-renewable resources)	66.5									
	1.i.3. Soil Water (*green water*)	193.2						193.2			193.2
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.0		0.2
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.2			0.2			0.2
	2. Use of water received from other economic units	37.8	0.5	0.0	1.2	1.8	0.1	41.4	4.3	0.3	46.0
	2.a. Reused water (from W-sanitation)	1.8	0.0				0.0	1.8			1.8
	2.b. Wastewater to sewerage					1.8		1.8			1.8
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.2		0.2
	2.d. from "W-Supply" (sww)	36.0	0.1				0.0	36.1	0.1		36.3
	2.e. from "W-Supply" (gww)		0.1				0.0	0.1	3.6		3.7
	2.f. from "W-Supply" (tts)	0.0	0.3				0.1	0.3	0.4		0.8
	2.g. from water transfer cannals and aqueducts (tts)				1.2			1.2			
	3. Total use of water (= 1 + 2)	320.1	1.2	0.0	45.4	1.8	0.1	368.7	4.3	0.3	373.3

B. Physical supply table (hm3/year)		Industries									
2005	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.5	0.0	40.9	1.8	0.0	2.4	1.2	1.5	5.2
	4.i. goes to Agriculture				36.0	1.8					
	4.ii. goes to Industry				0.5	0.0					
Within the economy	4.iV. goes to Services				0.1	0.0					
	4.V. goes to Households				4.3						
	4.a. Reused water					1.8		1.8			1.8
	4.b. Wastewater to sewerage		0.5	0.0			0.0	0.5	1.2		1.8
	4.c. Desalinated water				0.2			0.2			0.2
	5. Total returns (= 5.a + 5.b)	17.5	0.3	0.0	4.5	0.0	0.0	22.4	0.0		22.4
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	17.5	0.0		4.5	0.0	0.0	22.0	0.0		
	Treated wastewater		0.3					0.3			
	Other							0.0			
	5.a. To inland water resources	17.5	0.3	0.0	4.5	0.0	0.0	22.4	0.0		22.4
	5.a.1. Surface water		0.3	0.0				0.3			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	17.5			4.5	0.0	0.0	22.0	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	17.5	0.8	0.0	45.4	1.8	0.0	24.8	1.2		27.6
	7. Water consumption (= 3 - 6) of which	302.6	0.4	0.0	0.0	0.0	0.1	343.9	3.1		345.7
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2005	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.5		0.5			0.5
	Energy 35							0.0			0.0
	W-Supply 36	36.0	0.5				0.1	36.6	4.3		40.9
	W-Sanitation 37	1.8	0.0				0.0	1.8			1.8
	Services 38,39/45-99					0.0		0.0			0.0
	Total	37.8	0.5	0.0	0.0	0.5	0.1	38.9	4.3	0.0	43.2
Households						1.2		1.2			1.2
From other reference units					1.2			1.2			1.2
TOTAL		37.8	0.5	0.0	1.2	1.8	0.1	41.4	4.3	0.0	45.7

Physical Supply and Use Tables - Year 2005 - REWMU: VI - Sur Costa

A. Physical use table (hm3/year)		Industries									
2005	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	71.2	0.0	0.0	8.2	0.0	0.0	79.4	0.0		79.4
	1.a. Abstraction for own use	71.2	0.0	0.0	0.0	0.0	0.0	71.2			71.2
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	71.2						71.2			71.2
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.0	0.0				0.0			0.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	8.2	0.0	0.0	8.2			8.2
	1.i. Abstraction from inland water resources:	61.2	0.0	0.0	7.4	0.0	0.0	68.6	0.0		68.6
	1.i.1. Surface water			0.0	5.1			5.1			5.1
	1.i.2. Groundwater	23.7	0.0	0.0	2.3			26.0			26.0
	1.i.2a. Groundwater (renewable resources)	6.5									
	1.i.2b. Groundwater (non-renewable resources)	17.2									
	1.i.3. Soil Water (*green water*)	37.5						37.5			37.5
	1.ii. Abstraction from other sources	10.0	0.0	0.0	0.8	0.0	0.0	10.8	0.0		10.8
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	10.0		0.0	0.8			10.8			10.8
	2. Use of water received from other economic units	24.8	2.0	0.0	31.0	3.5	0.8	62.1	5.0	7.2	74.4
	2.a. Reused water (from W-sanitation)	1.4	0.0				0.3	1.7			1.7
	2.b. Wastewater to sewerage					3.5		3.5			3.5
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.8		0.8
	2.d. from "W-Supply" (sww)	3.5	0.4				0.1	3.9	0.7		4.6
	2.e. from "W-Supply" (gww)		0.4				0.1	0.5	1.4		1.9
	2.f. from "W-Supply" (tts)	19.9	1.2				0.3	21.4	2.2		23.6
	2.g. from water transfer cannals and aqueducts (tts)				31.0			31.0			
	3. Total use of water (= 1 + 2)	96.0	2.0	0.0	39.2	3.5	0.8	141.5	5.0	7.2	153.8

B. Physical supply table (hm3/year)		Industries									
2005	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.9	0.0	30.9	1.4	0.2	3.3	2.4	38.3	44.0
	4.i. goes to Agriculture				23.4	1.4					
	4.ii. goes to Industry				2.0	0.0					
Within the economy	4.iV. goes to Services				0.5	0.3					
	4.V. goes to Households				5.0						
	4.a. Reused water					1.4		1.4			1.4
	4.b. Wastewater to sewerage		0.9	0.0			0.2	1.2	2.4		3.5
	4.c. Desalinated water				0.8			0.8			0.8
	5. Total returns (= 5.a + 5.b)	5.9	0.0	0.0	8.3	2.1	0.0	16.4	0.0		16.4
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	5.9	0.0		8.3	0.0	0.0	14.3	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	5.9	0.0	0.0	8.3	0.0	0.0	14.3	0.0		14.3
	5.a.1. Surface water		0.0	0.0				0.0			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	5.9			8.3	0.0	0.0	14.3	0.0		
	5.b. To other sources (e.g., sea water)			0.0		2.1		2.1			2.1
	6. Total supply of water (= 4 + 5)	5.9	0.9	0.0	39.2	3.5	0.3	19.7	2.4		60.3
	7. Water consumption (= 3 - 6) of which	90.1	1.0	0.0	0.0	0.0	0.6	121.8	2.7		93.5
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2005	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.9		0.9			0.9
	Energy 35							0.0			0.0
	W-Supply 36	23.4	2.0				0.5	25.8	5.0		30.9
	W-Sanitation 37	1.4	0.0				0.3	1.7			1.7
	Services 38,39/45-99					0.2		0.2			0.2
	Total	24.8	2.0	0.0	0.0	1.2	0.8	28.7	5.0	0.0	33.8
Households						2.4		2.4			2.4
From other reference units					31.0			31.0			31.0
TOTAL		24.8	2.0	0.0	31.0	3.5	0.8	62.1	5.0	0.0	67.1

Physical Supply and Use Tables - Year 2005 - REWMU: VII - Campo Cartagena

A. Physical use table (hm3/year)		Industries									
2005	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	169.8	0.2	50.1	20.1	0.0	0.0	240.2	0.0		240.2
	1.a. Abstraction for own use	169.8	0.2	50.1	0.0	0.0	0.0	220.1			220.1
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	169.8						169.8			169.8
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			48.0				48.0			48.0
	Other (livestock, aquaculture, ...)		0.2	2.1				2.3			2.3
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	20.1	0.0	0.0	20.1			20.1
	1.i. Abstraction from inland water resources:	167.8	0.2	2.1	17.1	0.0	0.0	187.2	0.0		187.2
	1.i.1. Surface water			0.0	8.9			8.9			8.9
	1.i.2. Groundwater	92.7	0.2	2.1	8.1			103.1			103.1
	1.i.2a. Groundwater (renewable resources)	78.0									
	1.i.2b. Groundwater (non-renewable resources)	14.7									
	1.i.3. Soil Water (*green water*)	75.1						75.1			75.1
	1.ii. Abstraction from other sources	2.0	0.0	48.0	3.1	0.0	0.0	53.0	0.0		53.0
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea*	2.0		48.0	3.1			53.0			53.0
	2. Use of water received from other economic units	60.7	14.7	0.0	99.1	7.8	4.9	187.2	17.5	23.2	227.9
	2.a. Reused water (from W-sanitation)	5.3	0.0				2.0	7.3			7.3
	2.b. Wastewater to sewerage					7.8		7.8			7.8
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	3.1		3.1
	2.d. from "W-Supply" (sww)	1.2	2.8				0.5	4.5	2.8		7.3
	2.e. from "W-Supply" (gww)		3.0				0.6	3.6	2.9		6.5
	2.f. from "W-Supply" (tts)	54.2	8.9				1.7	64.9	8.7		73.6
	2.g. from water transfer cannals and aqueducts (tts)				99.1			99.1			
	3. Total use of water (= 1 + 2)	230.5	14.9	50.1	119.2	7.8	4.9	427.4	17.5	23.2	468.1

B. Physical supply table (hm3/year)		Industries									
2005	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	3.2	0.0	90.5	5.3	0.8	12.4	3.8	122.3	138.4
	4.i. goes to Agriculture				55.4	5.3					
	4.ii. goes to Industry				14.7	0.0					
Within the economy	4.iV. goes to Services				2.8	2.0					
	4.V. goes to Households				17.5						
	4.a. Reused water					5.3		5.3			5.3
	4.b. Wastewater to sewerage		3.2	0.0			0.8	4.0	3.8		7.8
	4.c. Desalinated water				3.1			3.1			3.1
	5. Total returns (= 5.a + 5.b)	15.9	0.1	48.0	28.8	2.5	0.2	95.5	0.0		95.5
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			48.0				48.0			
Into the environment	*Losses in distribution because of leakages*	15.9	0.0		28.8	0.0	0.2	44.9	0.0		
	Treated wastewater		0.1					0.1			
	Other							0.0			
	5.a. To inland water resources	15.9	0.1	0.0	28.8	0.0	0.2	45.0	0.0		45.0
	5.a.1. Surface water		0.1	0.0				0.1			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	15.9			28.8	0.0	0.2	44.9	0.0		
	5.b. To other sources (e.g., sea water)			48.0		2.5		50.5			50.5
	6. Total supply of water (= 4 + 5)	15.9	3.3	48.0	119.2	7.8	1.0	107.8	3.8		233.9
	7. Water consumption (= 3 - 6) of which	214.6	11.6	2.1	0.0	0.0	3.9	319.6	13.7		234.2
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2005	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					3.2		3.2			3.2
	Energy 35							0.0			0.0
	W-Supply 36	55.4	14.7				2.8	73.0	17.5		90.5
	W-Sanitation 37	5.3	0.0				2.0	7.3			7.3
	Services 38,39/45-99					0.8		0.8			0.8
	Total	60.7	14.7	0.0	0.0	4.0	4.9	84.3	17.5	0.0	101.8
Households						3.8		3.8			3.8
From other reference units					99.1			99.1			99.1
TOTAL		60.7	14.7	0.0	99.1	7.8	4.9	187.2	17.5	0.0	204.7

* Desalination of brackish groundwater

Physical Supply and Use Tables - Year 2006 - REWMU: X - Segura River Basin

A. Physical use table (hm3/year)		Industries							Households	By other reference units (export of water)	TOTAL
2006	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	1409.6	9.2	1090.3	336.2	0.0	0.0	2845.3	0.0		2845.3
	1.a. Abstraction for own use	1409.6	9.2	1090.3	0.0	0.0	0.0	2509.1			2509.1
	Hydroelectric power generation			919.6				919.6			919.6
	Irrigation water	1409.6						1409.6			1409.6
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			168.6				168.6			168.6
	Other (livestock, aquaculture, ...)		9.2	2.1				11.3			11.3
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	336.2	0.0	0.0	336.2			336.2
	1.i. Abstraction from inland water resources:	1392.6	9.2	921.7	303.3	0.0	0.0	2626.7	0.0		2626.7
	1.i.1. Surface water			919.6	260.7			1180.3			1180.3
	1.i.2. Groundwater	427.9	9.2	2.1	42.6			481.8			481.8
	1.i.2a. Groundwater (renewable resources)	200.2									
	1.i.2b. Groundwater (non-renewable resources)	227.7									
	1.i.3. Soil Water (*green water*)	964.7						964.7			964.7
	1.ii. Abstraction from other sources	17.0	0.0	168.6	32.9	0.0	0.0	218.6	0.0		218.6
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	17.0		168.6	32.9			218.6			218.6
	2. Use of water received from other economic units	259.8	44.3	0.0	144.1	33.3	10.1	491.6	109.5	56.7	657.9
	2.a. Reused water (from W-sanitation)	28.2	0.0				4.9	33.2			33.2
	2.b. Wastewater to sewerage					33.3		33.3			33.3
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	32.9		32.9
	2.d. from "W-Supply" (sww)	196.7	13.2				1.0	211.0	17.5		228.6
	2.e. from "W-Supply" (gww)		9.2				1.2	10.4	22.9		33.3
	2.f. from "W-Supply" (tts)	34.9	21.9				2.9	59.7	36.2		95.8
	2.g. from water transfer cannals and aqueducts (tts)				144.1			144.1			
	3. Total use of water (= 1 + 2)	1669.4	53.5	1090.3	480.3	33.3	10.1	3336.9	109.5	56.7	3503.2

B. Physical supply table (hm3/year)		Industries							Households	By other reference units (import of water)	TOTAL
2006	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	4. Supply of water to other economic units of which:	0.0	12.3	0.0	390.6	28.5	1.3	75.0	19.7	200.8	295.5
	4.i. goes to Agriculture				231.6	28.2					
	4.ii. goes to Industry				44.3	0.0					
Within the economy	4.iV. goes to Services				5.1	4.9					
	4.V. goes to Households				109.5						
	4.a. Reused water					28.5		28.5			28.5
	4.b. Wastewater to sewerage		12.3	0.0			1.3	13.5	19.7		33.3
	4.c. Desalinated water				32.9			32.9			32.9
	5. Total returns (= 5.a + 5.b)	133.0	3.1	1088.2	89.7	4.8	0.5	1319.3	0.0		1319.3
	Hydroelectric power generation			919.6				919.6			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			168.6				168.6			
Into the environment	*Losses in distribution because of leakages*	133.0	0.0		89.7	0.0	0.5	223.2	0.0		
	Treated wastewater		3.1					3.1			
	Other							0.0			
	5.a. To inland water resources	133.0	3.1	919.6	89.7	0.0	0.5	1145.9	0.0		1145.9
	5.a.1. Surface water		3.1	919.6				922.7			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	133.0			89.7	0.0	0.5	223.2	0.0		
	5.b. To other sources (e.g., sea water)			168.6		4.8		173.4			173.4
	6. Total supply of water (= 4 + 5)	133.0	15.4	1088.2	480.3	33.3	1.8	1394.2	19.7		1614.8
	7. Water consumption (= 3 - 6) of which	1536.4	38.2	2.1	0.0	0.0	8.3	1942.7	89.8		1888.4
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries							Households	To other reference units	Total
2006	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					12.3		12.3			12.3
	Energy 35							0.0			0.0
	W-Supply 36	231.6	44.3				5.1	281.1	109.5		390.6
	W-Sanitation 37	28.2	0.0				4.9	33.2			33.2
	Services 38,39/45-99					1.3		1.3			1.3
	Total	259.8	44.3	0.0	0.0	13.5	10.1	327.8	109.5	0.0	437.3
Households						19.7		19.7			19.7
From other reference units					144.1			144.1			144.1
TOTAL		259.8	44.3	0.0	144.1	33.3	10.1	491.6	109.5	0.0	601.2

Physical Supply and Use Tables - Year 2006 - REWMU: I - Cabecera

A. Physical use table (hm3/year)		Industries									
2006	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	189.3	0.0	729.4	50.4	0.0	0.0	969.2	0.0		969.2
	1.a. Abstraction for own use	189.3	0.0	729.4	0.0	0.0	0.0	918.7			918.7
	Hydroelectric power generation			729.4				729.4			729.4
	Irrigation water	189.3						189.3			189.3
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.0	0.0				0.0			0.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	50.4	0.0	0.0	50.4			50.4
	1.i. Abstraction from inland water resources:	189.3	0.0	729.4	50.4	0.0	0.0	969.1	0.0		969.1
	1.i.1. Surface water			729.4	47.6			777.1			777.1
	1.i.2. Groundwater	68.5	0.0	0.0	2.8			71.3			71.3
	1.i.2a. Groundwater (renewable resources)	26.3									
	1.i.2b. Groundwater (non-renewable resources)	42.2									
	1.i.3. Soil Water (*green water*)	120.8						120.8			120.8
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.0			0.0			0.0
	2. Use of water received from other economic units	41.7	0.0	0.0	0.1	2.5	0.0	44.4	5.0	0.0	49.5
	2.a. Reused water (from W-sanitation)	2.5	0.0				0.0	2.5			2.5
	2.b. Wastewater to sewerage					2.5		2.5			2.5
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.0		0.0
	2.d. from "W-Supply" (sww)	39.2	0.0				0.0	39.2	2.6		41.9
	2.e. from "W-Supply" (gww)		0.0				0.0	0.0	2.3		2.3
	2.f. from "W-Supply" (tts)	0.0	0.0				0.0	0.0	0.0		0.1
	2.g. from water transfer cannals and aqueducts (tts)				0.1			0.1			
	3. Total use of water (= 1 + 2)	231.0	0.0	729.4	50.5	2.5	0.0	1013.5	5.0	0.0	1018.6

B. Physical supply table (hm3/year)		Industries									
2006	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.0	0.0	44.3	2.5	0.0	2.6	2.5	0.2	5.2
	4.i. goes to Agriculture				39.2	2.5					
	4.ii. goes to Industry				0.0	0.0					
Within the economy	4.iV. goes to Services				0.0	0.0					
	4.V. goes to Households				5.0						
	4.a. Reused water					2.5		2.5			2.5
	4.b. Wastewater to sewerage		0.0	0.0			0.0	0.0	2.5		2.5
	4.c. Desalinated water				0.0			0.0			0.0
	5. Total returns (= 5.a + 5.b)	29.6	0.0	729.4	6.2	0.0	0.0	765.3	0.0		765.3
	Hydroelectric power generation			729.4				729.4			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	29.6	0.0		6.2	0.0	0.0	35.8	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	29.6	0.0	729.4	6.2	0.0	0.0	765.3	0.0		765.3
	5.a.1. Surface water		0.0	729.4				729.4			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	29.6			6.2	0.0	0.0	35.8	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	29.6	0.0	729.4	50.5	2.5	0.0	767.8	2.5		770.5
	7. Water consumption (= 3 - 6) of which	201.4	0.0	0.0	0.0	0.0	0.0	245.7	2.6		248.1
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2006	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.0		0.0			0.0
	Energy 35							0.0			0.0
	W-Supply 36	39.2	0.0				0.0	39.3	5.0		44.3
	W-Sanitation 37	2.5	0.0				0.0	2.5			2.5
	Services 38,39/45-99					0.0		0.0			0.0
	Total	41.7	0.0	0.0	0.0	0.0	0.0	41.8	5.0	0.0	46.8
Households						2.5		2.5			2.5
From other reference units					0.1			0.1			0.1
TOTAL		41.7	0.0	0.0	0.1	2.5	0.0	44.4	5.0	0.0	49.4

Physical Supply and Use Tables - Year 2006 - REWMU: II - Noroeste

A. Physical use table (hm3/year)		Industries									
2006	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	189.5	1.0	21.9	17.2	0.0	0.0	229.7	0.0		229.7
	1.a. Abstraction for own use	189.5	1.0	21.9	0.0	0.0	0.0	212.4			212.4
	Hydroelectric power generation			21.9				21.9			21.9
	Irrigation water	189.5						189.5			189.5
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		1.0	0.0				1.0			1.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	17.2	0.0	0.0	17.2			17.2
	1.i. Abstraction from inland water resources:	189.5	1.0	21.9	15.4	0.0	0.0	227.8	0.0		227.8
	1.i.1. Surface water			21.9	13.3			35.2			35.2
	1.i.2. Groundwater	18.9	1.0	0.0	2.1			22.1			22.1
	1.i.2a. Groundwater (renewable resources)	17.9									
	1.i.2b. Groundwater (non-renewable resources)	1.0									
	1.i.3. Soil Water (*green water*)	170.6						170.6			170.6
	1.ii. Abstraction from other sources	0.0	0.0	0.0	1.8	0.0	0.0	1.8	0.0		1.8
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	1.8			1.8			1.8
	2. Use of water received from other economic units	13.4	1.8	0.0	5.7	2.9	0.2	23.9	5.7	2.2	31.8
	2.a. Reused water (from W-sanitation)	2.6	0.0				0.0	2.6			2.6
	2.b. Wastewater to sewerage					2.9		2.9			2.9
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	1.8		1.8
	2.d. from "W-Supply" (sww)	10.4	0.4				0.0	10.8	0.7		11.5
	2.e. from "W-Supply" (gww)		0.4				0.0	0.5	1.2		1.7
	2.f. from "W-Supply" (tts)	0.4	1.0				0.1	1.5	2.0		3.5
	2.g. from water transfer cannals and aqueducts (tts)				5.7			5.7			
	3. Total use of water (= 1 + 2)	202.9	2.8	21.9	22.9	2.9	0.2	253.6	5.7	2.2	261.5

B. Physical supply table (hm3/year)		Industries									
2006	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	1.0	0.0	18.5	2.9	0.1	5.7	1.9	7.9	15.4
	4.i. goes to Agriculture				10.8	2.6					
	4.ii. goes to Industry				1.8	0.0					
Within the economy	4.iV. goes to Services				0.2	0.0					
	4.V. goes to Households				5.7						
	4.a. Reused water					2.9		2.9			2.9
	4.b. Wastewater to sewerage		1.0	0.0			0.1	1.0	1.9		2.9
	4.c. Desalinated water				1.8			1.8			1.8
	5. Total returns (= 5.a + 5.b)	9.2	0.5	21.9	4.4	0.0	0.0	36.1	0.0		36.1
	Hydroelectric power generation			21.9				21.9			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	9.2	0.0		4.4	0.0	0.0	13.6	0.0		
	Treated wastewater		0.5					0.5			
	Other							0.0			
	5.a. To inland water resources	9.2	0.5	21.9	4.4	0.0	0.0	36.1	0.0		36.1
	5.a.1. Surface water		0.5	21.9				22.5			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	9.2			4.4	0.0	0.0	13.6	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	9.2	1.5	21.9	22.9	2.9	0.1	41.8	1.9		51.5
	7. Water consumption (= 3 - 6) of which	193.7	1.3	0.0	0.0	0.0	0.1	211.8	3.9		210.0
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2006	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					1.0		1.0			1.0
	Energy 35							0.0			0.0
	W-Supply 36	10.8	1.8				0.2	12.8	5.7		18.5
	W-Sanitation 37	2.6	0.0				0.0	2.6			2.6
	Services 38,39/45-99					0.1		0.1			0.1
	Total	13.4	1.8	0.0	0.0	1.0	0.2	16.4	5.7	0.0	22.1
Households						1.9		1.9			1.9
From other reference units					5.7			5.7			5.7
TOTAL		13.4	1.8	0.0	5.7	2.9	0.2	23.9	5.7	0.0	29.6

Physical Supply and Use Tables - Year 2006 - REWMU: III - Guadalentín

A. Physical use table (hm3/year)		Industries							Households	By other reference units (export of water)	TOTAL
2006	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	241.1	0.0	14.8	16.8	0.0	0.0	272.6	0.0		272.6
	1.a. Abstraction for own use	241.1	0.0	14.8	0.0	0.0	0.0	255.8			255.8
	Hydroelectric power generation			14.8				14.8			14.8
	Irrigation water	241.1						241.1			241.1
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.0	0.0				0.0			0.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	16.8	0.0	0.0	16.8			16.8
	1.i. Abstraction from inland water resources:	241.1	0.0	14.8	13.7	0.0	0.0	269.5	0.0		269.5
	1.i.1. Surface water			14.8	9.1			23.9			23.9
	1.i.2. Groundwater	107.7	0.0	0.0	4.5			112.2			112.2
	1.i.2a. Groundwater (renewable resources)	33.4									
	1.i.2b. Groundwater (non-renewable resources)	74.3									
	1.i.3. Soil Water (*green water*)	133.4						133.4			133.4
	1.ii. Abstraction from other sources	0.0	0.0	0.0	3.1	0.0	0.0	3.1	0.0		3.1
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	3.1			3.1			3.1
	2. Use of water received from other economic units	11.2	4.9	0.0	14.7	1.8	0.2	32.8	10.1	5.8	48.7
	2.a. Reused water (from W-sanitation)	1.8	0.0				0.0	1.8			1.8
	2.b. Wastewater to sewerage					1.8		1.8			1.8
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	3.1		3.1
	2.d. from "W-Supply" (sww)	5.7	1.0				0.0	6.7	1.2		7.9
	2.e. from "W-Supply" (gww)		1.2				0.0	1.2	2.4		3.6
	2.f. from "W-Supply" (tts)	3.7	2.8				0.1	6.6	3.4		10.0
	2.g. from water transfer cannals and aqueducts (tts)				14.7			14.7			
	3. Total use of water (= 1 + 2)	252.3	4.9	14.8	31.5	1.8	0.2	305.4	10.1	5.8	321.3

B. Physical supply table (hm3/year)		Industries							Households	By other reference units (import of water)	TOTAL
2006	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	4. Supply of water to other economic units of which:	0.0	0.6	0.0	24.6	1.8	0.0	5.5	1.2	20.5	27.2
	4.i. goes to Agriculture				9.4	1.8					
	4.ii. goes to Industry				4.9	0.0					
Within the economy	4.iV. goes to Services				0.2	0.0					
	4.V. goes to Households				10.1						
	4.a. Reused water					1.8		1.8			1.8
	4.b. Wastewater to sewerage		0.6	0.0			0.0	0.6	1.2		1.8
	4.c. Desalinated water				3.1			3.1			3.1
	5. Total returns (= 5.a + 5.b)	20.7	0.0	14.8	6.8	0.0	0.0	42.4	0.0		42.4
	Hydroelectric power generation			14.8				14.8			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	20.7	0.0		6.8	0.0	0.0	27.6	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	20.7	0.0	14.8	6.8	0.0	0.0	42.4	0.0		42.4
	5.a.1. Surface water		0.0	14.8				14.8			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	20.7			6.8	0.0	0.0	27.6	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	20.7	0.6	14.8	31.5	1.8	0.0	47.8	1.2		69.5
	7. Water consumption (= 3 - 6) of which	231.5	4.3	0.0	0.0	0.0	0.2	257.6	8.9		251.8
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries							Households	To other reference units	Total
2006	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.6		0.6			0.6
	Energy 35							0.0			0.0
	W-Supply 36	9.4	4.9				0.2	14.5	10.1		24.6
	W-Sanitation 37	1.8	0.0				0.0	1.8			1.8
	Services 38,39/45-99					0.0		0.0			0.0
	Total	11.2	4.9	0.0	0.0	0.6	0.2	16.9	10.1	0.0	27.0
Households						1.2		1.2			1.2
From other reference units					14.7			14.7			14.7
TOTAL		11.2	4.9	0.0	14.7	1.8	0.2	32.8	10.1	0.0	42.9

Physical Supply and Use Tables - Year 2006 - REWMU: IV - Vega

A. Physical use table (hm3/year)		Industries									
2006	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	270.4	7.2	919.6	189.6	0.0	0.0	1386.8	0.0		1386.8
	1.a. Abstraction for own use	270.4	7.2	919.6	0.0	0.0	0.0	1197.2			1197.2
	Hydroelectric power generation			919.6				919.6			919.6
	Irrigation water	270.4						270.4			270.4
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		7.2	0.0				7.2			7.2
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	189.6	0.0	0.0	189.6			189.6
	1.i. Abstraction from inland water resources:	270.4	7.2	919.6	169.7	0.0	0.0	1366.8	0.0		1366.8
	1.i.1. Surface water			919.6	151.8			1071.4			1071.4
	1.i.2. Groundwater	27.8	7.2	0.0	17.9			52.9			52.9
	1.i.2a. Groundwater (renewable resources)	15.9									
	1.i.2b. Groundwater (non-renewable resources)	11.9									
	1.i.3. Soil Water (*green water*)	242.6						242.6			242.6
	1.ii. Abstraction from other sources	0.0	0.0	0.0	20.0	0.0	0.0	20.0	0.0		20.0
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	20.0			20.0			20.0
	2. Use of water received from other economic units	135.6	21.4	0.0	65.7	12.6	3.2	238.6	60.9	25.9	325.4
	2.a. Reused water (from W-sanitation)	12.6	0.0				1.9	14.6			14.6
	2.b. Wastewater to sewerage					12.6		12.6			12.6
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	20.0		20.0
	2.d. from "W-Supply" (sww)	113.6	8.6				0.3	122.5	9.8		132.4
	2.e. from "W-Supply" (gww)		3.8				0.3	4.1	9.2		13.3
	2.f. from "W-Supply" (tts)	9.4	9.0				0.7	19.1	21.9		41.0
	2.g. from water transfer cannals and aqueducts (tts)				65.7			65.7			
	3. Total use of water (= 1 + 2)	406.0	28.6	919.6	255.4	12.6	3.2	1625.4	60.9	25.9	1712.2

B. Physical supply table (hm3/year)		Industries									
2006	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	6.2	0.0	206.6	12.6	0.1	38.9	6.3	91.6	136.8
	4.i. goes to Agriculture				123.0	12.6					
	4.ii. goes to Industry				21.4	0.0					
Within the economy	4.iV. goes to Services				1.3	1.9					
	4.V. goes to Households				60.9						
	4.a. Reused water					12.6		12.6			12.6
	4.b. Wastewater to sewerage		6.2	0.0			0.1	6.3	6.3		12.6
	4.c. Desalinated water				20.0			20.0			20.0
	5. Total returns (= 5.a + 5.b)	40.8	2.1	919.6	48.8	0.0	0.2	1011.5	0.0		1011.5
	Hydroelectric power generation			919.6				919.6			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	40.8	0.0		48.8	0.0	0.2	89.8	0.0		
	Treated wastewater		2.1					2.1			
	Other							0.0			
	5.a. To inland water resources	40.8	2.1	919.6	48.8	0.0	0.2	1011.5	0.0		1011.5
	5.a.1. Surface water		2.1	919.6				921.7			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	40.8			48.8	0.0	0.2	89.8	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	40.8	8.3	919.6	255.4	12.6	0.3	1050.5	6.3		1148.4
	7. Water consumption (= 3 - 6) of which	365.2	20.2	0.0	0.0	0.0	2.9	575.0	54.7		563.9
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2006	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					6.2		6.2			6.2
	Energy 35							0.0			0.0
	W-Supply 36	123.0	21.4				1.3	145.7	60.9		206.6
	W-Sanitation 37	12.6	0.0				1.9	14.6			14.6
	Services 38,39/45-99					0.1		0.1			0.1
	Total	135.6	21.4	0.0	0.0	6.3	3.2	166.6	60.9	0.0	227.5
Households						6.3		6.3			6.3
From other reference units					65.7			65.7			65.7
TOTAL		135.6	21.4	0.0	65.7	12.6	3.2	238.6	60.9	0.0	299.6

Physical Supply and Use Tables - Year 2006 - REWMU: V - Noreste

A. Physical use table (hm3/year)		Industries									
2006	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	276.4	0.8	0.0	32.0	0.0	0.0	309.1	0.0		309.1
	1.a. Abstraction for own use	276.4	0.8	0.0	0.0	0.0	0.0	277.2			277.2
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	276.4						276.4			276.4
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.8	0.0				0.8			0.8
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	32.0	0.0	0.0	32.0			32.0
	1.i. Abstraction from inland water resources:	276.4	0.8	0.0	31.6	0.0	0.0	308.8	0.0		308.8
	1.i.1. Surface water			0.0	27.1			27.1			27.1
	1.i.2. Groundwater	88.9	0.8	0.0	4.5			94.2			94.2
	1.i.2a. Groundwater (renewable resources)	22.6									
	1.i.2b. Groundwater (non-renewable resources)	66.3									
	1.i.3. Soil Water (*green water*)	187.5						187.5			187.5
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.3	0.0	0.0	0.3	0.0		0.3
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.3			0.3			0.3
	2. Use of water received from other economic units	26.4	0.5	0.0	1.1	1.8	0.1	29.9	4.4	0.4	34.8
	2.a. Reused water (from W-sanitation)	1.8	0.0				0.0	1.8			1.8
	2.b. Wastewater to sewerage					1.8		1.8			1.8
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.3		0.3
	2.d. from "W-Supply" (sww)	24.6	0.1				0.0	24.7	0.1		24.8
	2.e. from "W-Supply" (gww)		0.1				0.0	0.2	3.6		3.8
	2.f. from "W-Supply" (tts)	0.0	0.3				0.1	0.4	0.3		0.7
	2.g. from water transfer cannals and aqueducts (tts)				1.1			1.1			
	3. Total use of water (= 1 + 2)	302.8	1.3	0.0	33.1	1.8	0.1	339.1	4.4	0.4	343.9

B. Physical supply table (hm3/year)		Industries									
2006	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.5	0.0	29.6	1.8	0.0	2.6	1.2	1.6	5.4
	4.i. goes to Agriculture				24.6	1.8					
	4.ii. goes to Industry				0.5	0.0					
Within the economy	4.iV. goes to Services				0.1	0.0					
	4.V. goes to Households				4.4						
	4.a. Reused water					1.8		1.8			1.8
	4.b. Wastewater to sewerage		0.5	0.0			0.0	0.6	1.2		1.8
	4.c. Desalinated water				0.3			0.3			0.3
	5. Total returns (= 5.a + 5.b)	15.8	0.3	0.0	3.4	0.0	0.0	19.6	0.0		19.6
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	15.8	0.0		3.4	0.0	0.0	19.2	0.0		
	Treated wastewater		0.3					0.3			
	Other							0.0			
	5.a. To inland water resources	15.8	0.3	0.0	3.4	0.0	0.0	19.6	0.0		19.6
	5.a.1. Surface water		0.3	0.0				0.3			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	15.8			3.4	0.0	0.0	19.2	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	15.8	0.8	0.0	33.1	1.8	0.0	22.2	1.2		25.0
	7. Water consumption (= 3 - 6) of which	287.0	0.5	0.0	0.0	0.0	0.1	316.9	3.2		318.9
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2006	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.5		0.5			0.5
	Energy 35							0.0			0.0
	W-Supply 36	24.6	0.5				0.1	25.2	4.4		29.6
	W-Sanitation 37	1.8	0.0				0.0	1.8			1.8
	Services 38,39/45-99					0.0		0.0			0.0
	Total	26.4	0.5	0.0	0.0	0.6	0.1	27.6	4.4	0.0	32.0
Households						1.2		1.2			1.2
From other reference units					1.1			1.1			1.1
TOTAL		26.4	0.5	0.0	1.1	1.8	0.1	29.9	4.4	0.0	34.3

Physical Supply and Use Tables - Year 2006 - REWMU: VI - Sur Costa

A. Physical use table (hm3/year)		Industries									
2006	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	74.8	0.0	0.0	7.7	0.0	0.0	82.5	0.0		82.5
	1.a. Abstraction for own use	74.8	0.0	0.0	0.0	0.0	0.0	74.8			74.8
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	74.8						74.8			74.8
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.0	0.0				0.0			0.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	7.7	0.0	0.0	7.7			7.7
	1.i. Abstraction from inland water resources:	59.8	0.0	0.0	6.1	0.0	0.0	65.9	0.0		65.9
	1.i.1. Surface water			0.0	3.8			3.8			3.8
	1.i.2. Groundwater	23.8	0.0	0.0	2.3			26.1			26.1
	1.i.2a. Groundwater (renewable resources)	6.5									
	1.i.2b. Groundwater (non-renewable resources)	17.3									
	1.i.3. Soil Water (*green water*)	36.0						36.0			36.0
	1.ii. Abstraction from other sources	15.0	0.0	0.0	1.6	0.0	0.0	16.6	0.0		16.6
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	15.0		0.0	1.6			16.6			16.6
	2. Use of water received from other economic units	18.8	1.4	0.0	23.3	3.7	0.8	48.1	5.3	9.2	62.5
	2.a. Reused water (from W-sanitation)	1.5	0.0				0.3	1.8			1.8
	2.b. Wastewater to sewerage					3.7		3.7			3.7
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	1.6		1.6
	2.d. from "W-Supply" (sww)	2.4	0.3				0.1	2.7	0.6		3.4
	2.e. from "W-Supply" (gww)		0.3				0.1	0.5	1.4		1.8
	2.f. from "W-Supply" (tts)	15.0	0.8				0.3	16.1	1.7		17.8
	2.g. from water transfer cannals and aqueducts (tts)				23.3			23.3			
	3. Total use of water (= 1 + 2)	93.6	1.4	0.0	31.0	3.7	0.8	130.6	5.3	9.2	145.0

B. Physical supply table (hm3/year)		Industries									
2006	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.7	0.0	24.5	1.5	0.3	4.0	2.7	32.5	39.3
	4.i. goes to Agriculture				17.3	1.5					
	4.ii. goes to Industry				1.4	0.0					
Within the economy	4.iV. goes to Services				0.5	0.3					
	4.V. goes to Households				5.3						
	4.a. Reused water					1.5		1.5			1.5
	4.b. Wastewater to sewerage		0.7	0.0			0.3	1.0	2.7		3.7
	4.c. Desalinated water				1.6			1.6			1.6
	5. Total returns (= 5.a + 5.b)	5.8	0.0	0.0	6.5	2.2	0.0	14.5	0.0		14.5
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	5.8	0.0		6.5	0.0	0.0	12.3	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	5.8	0.0	0.0	6.5	0.0	0.0	12.3	0.0		12.3
	5.a.1. Surface water		0.0	0.0				0.0			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	5.8			6.5	0.0	0.0	12.3	0.0		
	5.b. To other sources (e.g., sea water)			0.0		2.2		2.2			2.2
	6. Total supply of water (= 4 + 5)	5.8	0.7	0.0	31.0	3.7	0.3	18.6	2.7		53.8
	7. Water consumption (= 3 - 6) of which	87.8	0.7	0.0	0.0	0.0	0.5	112.0	2.6		91.2
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2006	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.7		0.7			0.7
	Energy 35							0.0			0.0
	W-Supply 36	17.3	1.4				0.5	19.3	5.3		24.5
	W-Sanitation 37	1.5	0.0				0.3	1.8			1.8
	Services 38,39/45-99					0.3		0.3			0.3
	Total	18.8	1.4	0.0	0.0	1.0	0.8	22.1	5.3	0.0	27.3
Households						2.7		2.7			2.7
From other reference units					23.3			23.3			23.3
TOTAL		18.8	1.4	0.0	23.3	3.7	0.8	48.1	5.3	0.0	53.4

Physical Supply and Use Tables - Year 2006 - REWMU: VII - Campo Cartagena

A. Physical use table (hm3/year)		Industries									
2006	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	168.2	0.2	170.7	22.6	0.0	0.0	361.6	0.0		361.6
	1.a. Abstraction for own use	168.2	0.2	170.7	0.0	0.0	0.0	339.1			339.1
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	168.2						168.2			168.2
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			168.6				168.6			168.6
	Other (livestock, aquaculture, ...)		0.2	2.1				2.3			2.3
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	22.6	0.0	0.0	22.6			22.6
	1.i. Abstraction from inland water resources:	166.2	0.2	2.1	16.4	0.0	0.0	184.9	0.0		184.9
	1.i.1. Surface water			0.0	8.0			8.0			8.0
	1.i.2. Groundwater	92.4	0.2	2.1	8.4			103.1			103.1
	1.i.2a. Groundwater (renewable resources)	77.7									
	1.i.2b. Groundwater (non-renewable resources)	14.7									
	1.i.3. Soil Water (*green water*)	73.8						73.8			73.8
	1.ii. Abstraction from other sources	2.0	0.0	168.6	6.1	0.0	0.0	176.8	0.0		176.8
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea*	2.0		168.6	6.1			176.8			176.8
	2. Use of water received from other economic units	12.7	14.3	0.0	33.4	8.0	5.5	73.9	18.1	13.1	105.1
	2.a. Reused water (from W-sanitation)	5.4	0.0				2.7	8.1			8.1
	2.b. Wastewater to sewerage					8.0		8.0			8.0
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	6.1		6.1
	2.d. from "W-Supply" (sww)	0.8	2.9				0.6	4.2	2.4		6.6
	2.e. from "W-Supply" (gww)		3.4				0.7	4.0	2.8		6.9
	2.f. from "W-Supply" (tts)	6.4	8.0				1.6	16.1	6.7		22.8
	2.g. from water transfer cannals and aqueducts (tts)				33.4			33.4			
	3. Total use of water (= 1 + 2)	180.8	14.5	170.7	55.9	8.0	5.5	435.5	18.1	13.1	466.8

B. Physical supply table (hm3/year)		Industries									
2006	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	3.3	0.0	42.4	5.4	0.8	15.6	4.0	46.5	66.1
	4.i. goes to Agriculture				7.2	5.4					
	4.ii. goes to Industry				14.3	0.0					
Within the economy	4.iV. goes to Services				2.9	2.7					
	4.V. goes to Households				18.1						
	4.a. Reused water					5.4		5.4			5.4
	4.b. Wastewater to sewerage		3.3	0.0			0.8	4.0	4.0		8.0
	4.c. Desalinated water				6.1			6.1			6.1
	5. Total returns (= 5.a + 5.b)	11.0	0.1	168.6	13.5	2.6	0.3	196.1	0.0		196.1
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			168.6				168.6			
Into the environment	*Losses in distribution because of leakages*	11.0	0.0		13.5	0.0	0.3	24.8	0.0		
	Treated wastewater		0.1					0.1			
	Other							0.0			
	5.a. To inland water resources	11.0	0.1	0.0	13.5	0.0	0.3	24.9	0.0		24.9
	5.a.1. Surface water		0.1	0.0				0.1			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	11.0			13.5	0.0	0.3	24.8	0.0		
	5.b. To other sources (e.g., sea water)			168.6		2.6		171.2			171.2
	6. Total supply of water (= 4 + 5)	11.0	3.3	168.6	55.9	8.0	1.0	211.7	4.0		262.3
	7. Water consumption (= 3 - 6) of which	169.8	11.1	2.1	0.0	0.0	4.5	223.8	14.1		204.5
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2006	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					3.3		3.3			3.3
	Energy 35							0.0			0.0
	W-Supply 36	7.2	14.3				2.9	24.3	18.1		42.4
	W-Sanitation 37	5.4	0.0				2.7	8.1			8.1
	Services 38,39/45-99					0.8		0.8			0.8
	Total	12.7	14.3	0.0	0.0	4.0	5.5	36.5	18.1	0.0	54.6
Households						4.0		4.0			4.0
From other reference units					33.4			33.4			33.4
TOTAL		12.7	14.3	0.0	33.4	8.0	5.5	73.9	18.1	0.0	92.0

* Desalination of brackish groundwater

Physical Supply and Use Tables - Year 2007 - REWMU: X - Segura River Basin

A. Physical use table (hm3/year)		Industries									
2007	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	1424.8	9.3	1188.3	348.9	0.0	0.0	2971.4	0.0		2971.4
	1.a. Abstraction for own use	1424.8	9.3	1188.3	0.0	0.0	0.0	2622.5			2622.5
	Hydroelectric power generation			1014.6				1014.6			1014.6
	Irrigation water	1424.8						1424.8			1424.8
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			171.6				171.6			171.6
	Other (livestock, aquaculture, ...)		9.3	2.1				11.4			11.4
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	348.9	0.0	0.0	348.9			348.9
	1.i. Abstraction from inland water resources:	1407.8	9.3	1016.7	303.4	0.0	0.0	2737.3	0.0		2737.3
	1.i.1. Surface water			1014.6	282.5			1297.1			1297.1
	1.i.2. Groundwater	466.4	9.3	2.1	20.9			498.7			498.7
	1.i.2a. Groundwater (renewable resources)	221.8									
	1.i.2b. Groundwater (non-renewable resources)	244.6									
	1.i.3. Soil Water (*green water*)	941.5						941.5			941.5
	1.ii. Abstraction from other sources	17.0	0.0	171.6	45.5	0.0	0.0	234.1	0.0		234.1
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	17.0		171.6	45.5			234.1			234.1
	2. Use of water received from other economic units	363.0	42.7	0.0	205.5	136.8	10.1	758.1	112.6	63.5	934.2
	2.a. Reused water (from W-sanitation)	83.4	0.0				4.9	88.3			88.3
	2.b. Wastewater to sewerage					136.8		136.8			136.8
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	45.5		45.5
	2.d. from "W-Supply" (sww)	214.6	13.8				1.2	229.6	17.6		247.2
	2.e. from "W-Supply" (gww)		3.0				0.4	3.4	12.9		16.4
	2.f. from "W-Supply" (tts)	65.0	25.9				3.6	94.4	36.6		131.0
	2.g. from water transfer cannals and aqueducts (tts)				205.5			205.5			
	3. Total use of water (= 1 + 2)	1787.8	52.1	1188.3	554.5	136.8	10.1	3729.5	112.6	63.5	3905.6

B. Physical supply table (hm3/year)		Industries									
2007	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	40.7	0.0	440.1	125.0	4.5	215.7	91.6	269.0	576.4
	4.i. goes to Agriculture				279.6	83.4					
	4.ii. goes to Industry				42.7	0.0					
Within the economy	4.iV. goes to Services				5.2	4.9					
	4.V. goes to Households				112.6						
	4.a. Reused water					125.0		125.0			125.0
	4.b. Wastewater to sewerage		40.7	0.0			4.5	45.1	91.6		136.8
	4.c. Desalinated water				45.5			45.5			45.5
	5. Total returns (= 5.a + 5.b)	159.8	3.1	1186.2	114.4	11.8	0.5	1475.7	0.0		1475.7
	Hydroelectric power generation			1014.6				1014.6			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			171.6				171.6			
Into the environment	*Losses in distribution because of leakages*	159.8	0.0		114.4	0.0	0.5	274.6	0.0		
	Treated wastewater		3.1					3.1			
	Other							0.0			
	5.a. To inland water resources	159.8	3.1	1014.6	114.4	0.0	0.5	1292.3	0.0		1292.3
	5.a.1. Surface water		3.1	1014.6				1017.7			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	159.8			114.4	0.0	0.5	274.6	0.0		
	5.b. To other sources (e.g., sea water)			171.6		11.8		183.4			183.4
	6. Total supply of water (= 4 + 5)	159.8	43.8	1186.2	554.5	136.8	5.0	1691.4	91.6		2052.1
	7. Water consumption (= 3 - 6) of which	1628.0	8.3	2.1	0.0	0.0	5.1	2038.1	21.0		1853.6
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2007	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					40.7		40.7			40.7
	Energy 35							0.0			0.0
	W-Supply 36	279.6	42.7				5.2	327.5	112.6		440.1
	W-Sanitation 37	83.4	0.0				4.9	88.3			88.3
	Services 38,39/45-99					4.5		4.5			4.5
	Total	363.0	42.7	0.0	0.0	45.1	10.1	460.9	112.6	0.0	573.6
Households						91.6		91.6			91.6
From other reference units					205.5			205.5			205.5
TOTAL		363.0	42.7	0.0	205.5	136.8	10.1	758.1	112.6	0.0	870.7

Physical Supply and Use Tables - Year 2007 - REWMU: I - Cabecera

A. Physical use table (hm3/year)		Industries									
2007	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	179.6	0.1	804.8	55.5	0.0	0.0	1040.1	0.0		1040.1
	1.a. Abstraction for own use	179.6	0.1	804.8	0.0	0.0	0.0	984.6			984.6
	Hydroelectric power generation			804.8				804.8			804.8
	Irrigation water	179.6						179.6			179.6
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.1	0.0				0.1			0.1
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	55.5	0.0	0.0	55.5			55.5
	1.i. Abstraction from inland water resources:	179.6	0.1	804.8	55.5	0.0	0.0	1040.1	0.0		1040.1
	1.i.1. Surface water			804.8	51.7			856.5			856.5
	1.i.2. Groundwater	65.3	0.1	0.0	3.8			69.3			69.3
	1.i.2a. Groundwater (renewable resources)	25.0									
	1.i.2b. Groundwater (non-renewable resources)	40.3									
	1.i.3. Soil Water (*green water*)	114.3						114.3			114.3
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0		0.1
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.1			0.1			0.1
	2. Use of water received from other economic units	46.7	0.1	0.0	0.2	6.0	0.0	52.9	5.8	0.0	58.8
	2.a. Reused water (from W-sanitation)	3.9	0.0				0.0	3.9			3.9
	2.b. Wastewater to sewerage					6.0		6.0			6.0
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.1		0.1
	2.d. from "W-Supply" (sww)	42.8	0.0				0.0	42.8	2.6		45.5
	2.e. from "W-Supply" (gww)		0.0				0.0	0.0	3.0		3.0
	2.f. from "W-Supply" (tts)	0.0	0.0				0.0	0.0	0.1		0.1
	2.g. from water transfer cannals and aqueducts (tts)				0.2			0.2			
	3. Total use of water (= 1 + 2)	226.3	0.2	804.8	55.7	6.0	0.0	1093.0	5.8	0.0	1098.9

B. Physical supply table (hm3/year)		Industries									
2007	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.2	0.0	48.7	6.0	0.0	6.3	5.8	0.2	12.3
	4.i. goes to Agriculture				42.8	3.9					
	4.ii. goes to Industry				0.1	0.0					
Within the economy	4.iV. goes to Services				0.0	0.0					
	4.V. goes to Households				5.8						
	4.a. Reused water					6.0		6.0			6.0
	4.b. Wastewater to sewerage		0.2	0.0			0.0	0.2	5.8		6.0
	4.c. Desalinated water				0.1			0.1			0.1
	5. Total returns (= 5.a + 5.b)	28.6	0.0	804.8	7.0	0.0	0.0	840.5	0.0		840.5
	Hydroelectric power generation			804.8				804.8			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	28.6	0.0		7.0	0.0	0.0	35.7	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	28.6	0.0	804.8	7.0	0.0	0.0	840.5	0.0		840.5
	5.a.1. Surface water		0.0	804.8				804.8			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	28.6			7.0	0.0	0.0	35.7	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	28.6	0.2	804.8	55.7	6.0	0.0	846.8	5.8		852.8
	7. Water consumption (= 3 - 6) of which	197.7	0.0	0.0	0.0	0.0	0.0	246.3	0.0		246.1
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2007	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.2		0.2			0.2
	Energy 35							0.0			0.0
	W-Supply 36	42.8	0.1				0.0	42.9	5.8		48.7
	W-Sanitation 37	3.9	0.0				0.0	3.9			3.9
	Services 38,39/45-99					0.0		0.0			0.0
	Total	46.7	0.1	0.0	0.0	0.2	0.0	46.9	5.8	0.0	52.7
Households						5.8		5.8			5.8
From other reference units					0.2			0.2			0.2
TOTAL		46.7	0.1	0.0	0.2	6.0	0.0	52.9	5.8	0.0	58.7

Physical Supply and Use Tables - Year 2007 - REWMU: II - Noroeste

A. Physical use table (hm3/year)		Industries									
2007	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	198.3	1.0	24.2	18.0	0.0	0.0	241.5	0.0		241.5
	1.a. Abstraction for own use	198.3	1.0	24.2	0.0	0.0	0.0	223.6			223.6
	Hydroelectric power generation			24.2				24.2			24.2
	Irrigation water	198.3						198.3			198.3
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		1.0	0.0				1.0			1.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	18.0	0.0	0.0	18.0			18.0
	1.i. Abstraction from inland water resources:	198.3	1.0	24.2	15.5	0.0	0.0	239.1	0.0		239.1
	1.i.1. Surface water			24.2	14.4			38.7			38.7
	1.i.2. Groundwater	20.0	1.0	0.0	1.1			22.1			22.1
	1.i.2a. Groundwater (renewable resources)	18.9									
	1.i.2b. Groundwater (non-renewable resources)	1.1									
	1.i.3. Soil Water (*green water*)	178.3						178.3			178.3
	1.ii. Abstraction from other sources	0.0	0.0	0.0	2.5	0.0	0.0	2.5	0.0		2.5
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	2.5			2.5			2.5
	2. Use of water received from other economic units	15.4	1.9	0.0	8.1	6.5	0.2	32.0	5.8	2.5	40.3
	2.a. Reused water (from W-sanitation)	2.6	0.0				0.0	2.6			2.6
	2.b. Wastewater to sewerage					6.5		6.5			6.5
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	2.5		2.5
	2.d. from "W-Supply" (sww)	11.4	0.4				0.0	11.9	0.7		12.5
	2.e. from "W-Supply" (gww)		0.1				0.0	0.2	0.7		0.9
	2.f. from "W-Supply" (tts)	1.4	1.3				0.1	2.8	2.0		4.8
	2.g. from water transfer cannals and aqueducts (tts)				8.1			8.1			
	3. Total use of water (= 1 + 2)	213.7	2.9	24.2	26.1	6.5	0.2	273.6	5.8	2.5	281.8

B. Physical supply table (hm3/year)		Industries									
2007	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	1.9	0.0	20.6	6.5	0.1	11.0	4.4	10.6	26.0
	4.i. goes to Agriculture				12.8	2.6					
	4.ii. goes to Industry				1.9	0.0					
Within the economy	4.iV. goes to Services				0.2	0.0					
	4.V. goes to Households				5.8						
	4.a. Reused water					6.5		6.5			6.5
	4.b. Wastewater to sewerage		1.9	0.0			0.1	2.1	4.4		6.5
	4.c. Desalinated water				2.5			2.5			2.5
	5. Total returns (= 5.a + 5.b)	10.1	0.5	24.2	5.4	0.0	0.0	40.2	0.0		40.2
	Hydroelectric power generation			24.2				24.2			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	10.1	0.0		5.4	0.0	0.0	15.5	0.0		
	Treated wastewater		0.5					0.5			
	Other							0.0			
	5.a. To inland water resources	10.1	0.5	24.2	5.4	0.0	0.0	40.2	0.0		40.2
	5.a.1. Surface water		0.5	24.2				24.8			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	10.1			5.4	0.0	0.0	15.5	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	10.1	2.5	24.2	26.1	6.5	0.1	51.2	4.4		66.2
	7. Water consumption (= 3 - 6) of which	203.6	0.4	0.0	0.0	0.0	0.0	222.3	1.4		215.6
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2007	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					1.9		1.9			1.9
	Energy 35							0.0			0.0
	W-Supply 36	12.8	1.9				0.2	14.9	5.8		20.6
	W-Sanitation 37	2.6	0.0				0.0	2.6			2.6
	Services 38,39/45-99					0.1		0.1			0.1
	Total	15.4	1.9	0.0	0.0	2.1	0.2	19.5	5.8	0.0	25.3
Households						4.4		4.4			4.4
From other reference units					8.1			8.1			8.1
TOTAL		15.4	1.9	0.0	8.1	6.5	0.2	32.0	5.8	0.0	37.8

Physical Supply and Use Tables - Year 2007 - REWMU: III - Guadalentín

A. Physical use table (hm3/year)		Industries									
2007	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	242.1	0.0	16.3	16.5	0.0	0.0	274.8	0.0		274.8
	1.a. Abstraction for own use	242.1	0.0	16.3	0.0	0.0	0.0	258.4			258.4
	Hydroelectric power generation			16.3				16.3			16.3
	Irrigation water	242.1						242.1			242.1
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.0	0.0				0.0			0.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	16.5	0.0	0.0	16.5			16.5
	1.i. Abstraction from inland water resources:	242.1	0.0	16.3	12.2	0.0	0.0	270.6	0.0		270.6
	1.i.1. Surface water			16.3	10.0			26.3			26.3
	1.i.2. Groundwater	115.0	0.0	0.0	2.3			117.3			117.3
	1.i.2a. Groundwater (renewable resources)	35.6									
	1.i.2b. Groundwater (non-renewable resources)	79.4									
	1.i.3. Soil Water (*green water*)	127.0						127.0			127.0
	1.ii. Abstraction from other sources	0.0	0.0	0.0	4.2	0.0	0.0	4.2	0.0		4.2
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	4.2			4.2			4.2
	2. Use of water received from other economic units	20.5	5.3	0.0	22.8	6.4	0.2	55.2	10.2	7.0	72.4
	2.a. Reused water (from W-sanitation)	6.4	0.0				0.0	6.4			6.4
	2.b. Wastewater to sewerage					6.4		6.4			6.4
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	4.2		4.2
	2.d. from "W-Supply" (sww)	6.2	1.2				0.0	7.5	1.2		8.7
	2.e. from "W-Supply" (gww)		0.4				0.0	0.4	1.4		1.8
	2.f. from "W-Supply" (tts)	7.9	3.7				0.1	11.7	3.4		15.1
	2.g. from water transfer cannals and aqueducts (tts)				22.8			22.8			
	3. Total use of water (= 1 + 2)	262.6	5.3	16.3	39.2	6.4	0.2	330.1	10.2	7.0	347.3

B. Physical supply table (hm3/year)		Industries									
2007	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	2.2	0.0	29.8	6.4	0.1	12.9	4.1	29.8	46.8
	4.i. goes to Agriculture				14.1	6.4					
	4.ii. goes to Industry				5.3	0.0					
Within the economy	4.iV. goes to Services				0.2	0.0					
	4.V. goes to Households				10.2						
	4.a. Reused water					6.4		6.4			6.4
	4.b. Wastewater to sewerage		2.2	0.0			0.1	2.3	4.1		6.4
	4.c. Desalinated water				4.2			4.2			4.2
	5. Total returns (= 5.a + 5.b)	23.7	0.0	16.3	9.4	0.0	0.0	49.4	0.0		49.4
	Hydroelectric power generation			16.3				16.3			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	23.7	0.0		9.4	0.0	0.0	33.1	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	23.7	0.0	16.3	9.4	0.0	0.0	49.4	0.0		49.4
	5.a.1. Surface water		0.0	16.3				16.3			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	23.7			9.4	0.0	0.0	33.1	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	23.7	2.2	16.3	39.2	6.4	0.1	62.3	4.1		96.2
	7. Water consumption (= 3 - 6) of which	238.9	3.2	0.0	0.0	0.0	0.1	267.8	6.0		251.0
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2007	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					2.2		2.2			2.2
	Energy 35							0.0			0.0
	W-Supply 36	14.1	5.3				0.2	19.7	10.2		29.8
	W-Sanitation 37	6.4	0.0				0.0	6.4			6.4
	Services 38,39/45-99					0.1		0.1			0.1
	Total	20.5	5.3	0.0	0.0	2.3	0.2	28.3	10.2	0.0	38.5
Households						4.1		4.1			4.1
From other reference units					22.8			22.8			22.8
TOTAL		20.5	5.3	0.0	22.8	6.4	0.2	55.2	10.2	0.0	65.4

Physical Supply and Use Tables - Year 2007 - REWMU: IV - Vega

A. Physical use table (hm3/year)		Industries									
2007	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	279.3	7.2	1014.6	197.3	0.0	0.0	1498.4	0.0		1498.4
	1.a. Abstraction for own use	279.3	7.2	1014.6	0.0	0.0	0.0	1301.1			1301.1
	Hydroelectric power generation			1014.6				1014.6			1014.6
	Irrigation water	279.3						279.3			279.3
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		7.2	0.0				7.2			7.2
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	197.3	0.0	0.0	197.3			197.3
	1.i. Abstraction from inland water resources:	279.3	7.2	1014.6	169.6	0.0	0.0	1470.7	0.0		1470.7
	1.i.1. Surface water			1014.6	164.1			1178.7			1178.7
	1.i.2. Groundwater	49.5	7.2	0.0	5.5			62.2			62.2
	1.i.2a. Groundwater (renewable resources)	28.3									
	1.i.2b. Groundwater (non-renewable resources)	21.2									
	1.i.3. Soil Water (*green water*)	229.8						229.8			229.8
	1.ii. Abstraction from other sources	0.0	0.0	0.0	27.7	0.0	0.0	27.7	0.0		27.7
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	27.7			27.7			27.7
	2. Use of water received from other economic units	194.9	19.0	0.0	88.9	81.1	3.2	387.2	62.6	27.5	477.3
	2.a. Reused water (from W-sanitation)	51.8	0.0				1.9	53.7			53.7
	2.b. Wastewater to sewerage					81.1		81.1			81.1
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	27.7		27.7
	2.d. from "W-Supply" (sww)	124.0	8.2				0.3	132.5	10.1		142.6
	2.e. from "W-Supply" (gww)		1.1				0.1	1.2	2.6		3.8
	2.f. from "W-Supply" (tts)	19.2	9.7				0.9	29.8	22.3		52.0
	2.g. from water transfer cannals and aqueducts (tts)				88.9			88.9			
	3. Total use of water (= 1 + 2)	474.2	26.2	1014.6	286.2	81.1	3.2	1885.6	62.6	27.5	1975.7

B. Physical supply table (hm3/year)		Industries									
2007	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	23.9	0.0	226.1	81.1	1.2	133.9	56.0	116.4	306.3
	4.i. goes to Agriculture				143.2	51.8					
	4.ii. goes to Industry				19.0	0.0					
Within the economy	4.iV. goes to Services				1.3	1.9					
	4.V. goes to Households				62.6						
	4.a. Reused water					81.1		81.1			81.1
	4.b. Wastewater to sewerage		23.9	0.0			1.2	25.1	56.0		81.1
	4.c. Desalinated water				27.7			27.7			27.7
	5. Total returns (= 5.a + 5.b)	60.8	2.1	1014.6	60.1	0.0	0.2	1137.9	0.0		1137.9
	Hydroelectric power generation			1014.6				1014.6			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	60.8	0.0		60.1	0.0	0.2	121.1	0.0		
	Treated wastewater		2.1					2.1			
	Other							0.0			
	5.a. To inland water resources	60.8	2.1	1014.6	60.1	0.0	0.2	1137.9	0.0		1137.9
	5.a.1. Surface water		2.1	1014.6				1016.7			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	60.8			60.1	0.0	0.2	121.1	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	60.8	26.0	1014.6	286.2	81.1	1.4	1271.8	56.0		1444.1
	7. Water consumption (= 3 - 6) of which	413.4	0.2	0.0	0.0	0.0	1.8	613.8	6.7		531.6
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2007	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					23.9		23.9			23.9
	Energy 35							0.0			0.0
	W-Supply 36	143.2	19.0				1.3	163.5	62.6		226.1
	W-Sanitation 37	51.8	0.0				1.9	53.7			53.7
	Services 38,39/45-99					1.2		1.2			1.2
	Total	194.9	19.0	0.0	0.0	25.1	3.2	242.3	62.6	0.0	305.0
Households						56.0		56.0			56.0
From other reference units					88.9			88.9			88.9
TOTAL		194.9	19.0	0.0	88.9	81.1	3.2	387.2	62.6	0.0	449.8

Physical Supply and Use Tables - Year 2007 - REWMU: V - Noreste

A. Physical use table (hm3/year)		Industries									
2007	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	272.5	0.8	0.0	34.3	0.0	0.0	307.5	0.0		307.5
	1.a. Abstraction for own use	272.5	0.8	0.0	0.0	0.0	0.0	273.2			273.2
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	272.5						272.5			272.5
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.8	0.0				0.8			0.8
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	34.3	0.0	0.0	34.3			34.3
	1.i. Abstraction from inland water resources:	272.5	0.8	0.0	33.9	0.0	0.0	307.1	0.0		307.1
	1.i.1. Surface water			0.0	29.6			29.6			29.6
	1.i.2. Groundwater	89.7	0.8	0.0	4.3			94.8			94.8
	1.i.2a. Groundwater (renewable resources)	22.9									
	1.i.2b. Groundwater (non-renewable resources)	66.9									
	1.i.3. Soil Water (*green water*)	182.7						182.7			182.7
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.4	0.0	0.0	0.4	0.0		0.4
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.4			0.4			0.4
	2. Use of water received from other economic units	30.7	0.6	0.0	1.4	5.2	0.1	38.0	4.5	0.4	42.8
	2.a. Reused water (from W-sanitation)	3.9	0.0				0.0	3.9			3.9
	2.b. Wastewater to sewerage					5.2		5.2			5.2
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.4		0.4
	2.d. from "W-Supply" (sww)	26.8	0.1				0.0	27.0	0.1		27.1
	2.e. from "W-Supply" (gww)		0.0				0.0	0.1	3.5		3.6
	2.f. from "W-Supply" (tts)	0.0	0.4				0.1	0.5	0.4		0.8
	2.g. from water transfer cannals and aqueducts (tts)				1.4			1.4			
	3. Total use of water (= 1 + 2)	303.2	1.3	0.0	35.7	5.2	0.1	345.5	4.5	0.4	350.4

B. Physical supply table (hm3/year)		Industries									
2007	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	1.0	0.0	31.9	5.2	0.1	6.8	4.0	1.8	12.6
	4.i. goes to Agriculture				26.8	3.9					
	4.ii. goes to Industry				0.6	0.0					
Within the economy	4.iV. goes to Services				0.1	0.0					
	4.V. goes to Households				4.5						
	4.a. Reused water					5.2		5.2			5.2
	4.b. Wastewater to sewerage		1.0	0.0			0.1	1.1	4.0		5.2
	4.c. Desalinated water				0.4			0.4			0.4
	5. Total returns (= 5.a + 5.b)	16.6	0.3	0.0	3.8	0.0	0.0	20.6	0.0		20.6
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	16.6	0.0		3.8	0.0	0.0	20.3	0.0		
	Treated wastewater		0.3					0.3			
	Other							0.0			
	5.a. To inland water resources	16.6	0.3	0.0	3.8	0.0	0.0	20.6	0.0		20.6
	5.a.1. Surface water		0.3	0.0				0.3			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	16.6			3.8	0.0	0.0	20.3	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	16.6	1.3	0.0	35.7	5.2	0.1	27.4	4.0		33.2
	7. Water consumption (= 3 - 6) of which	286.6	0.0	0.0	0.0	0.0	0.0	318.1	0.4		317.2
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2007	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					1.0		1.0			1.0
	Energy 35							0.0			0.0
	W-Supply 36	26.8	0.6				0.1	27.5	4.5		31.9
	W-Sanitation 37	3.9	0.0				0.0	3.9			3.9
	Services 38,39/45-99					0.1		0.1			0.1
	Total	30.7	0.6	0.0	0.0	1.1	0.1	32.6	4.5	0.0	37.0
Households						4.0		4.0			4.0
From other reference units					1.4			1.4			1.4
TOTAL		30.7	0.6	0.0	1.4	5.2	0.1	38.0	4.5	0.0	42.4

Physical Supply and Use Tables - Year 2007 - REWMU: VI - Sur Costa

A. Physical use table (hm3/year)		Industries									
2007	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	77.7	0.0	0.0	7.6	0.0	0.0	85.2	0.0		85.2
	1.a. Abstraction for own use	77.7	0.0	0.0	0.0	0.0	0.0	77.7			77.7
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	77.7						77.7			77.7
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.0	0.0				0.0			0.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	7.6	0.0	0.0	7.6			7.6
	1.i. Abstraction from inland water resources:	62.7	0.0	0.0	5.4	0.0	0.0	68.0	0.0		68.0
	1.i.1. Surface water			0.0	4.1			4.1			4.1
	1.i.2. Groundwater	27.5	0.0	0.0	1.3			28.8			28.8
	1.i.2a. Groundwater (renewable resources)	7.5									
	1.i.2b. Groundwater (non-renewable resources)	20.0									
	1.i.3. Soil Water (*green water*)	35.1						35.1			35.1
	1.ii. Abstraction from other sources	15.0	0.0	0.0	2.2	0.0	0.0	17.2	0.0		17.2
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	15.0		0.0	2.2			17.2			17.2
	2. Use of water received from other economic units	19.9	1.2	0.0	25.9	5.6	0.8	53.5	5.5	8.0	67.0
	2.a. Reused water (from W-sanitation)	1.9	0.0				0.3	2.2			2.2
	2.b. Wastewater to sewerage					5.6		5.6			5.6
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	2.2		2.2
	2.d. from "W-Supply" (sww)	2.6	0.3				0.1	3.0	0.6		3.6
	2.e. from "W-Supply" (gww)		0.1				0.0	0.1	0.9		1.0
	2.f. from "W-Supply" (tts)	15.5	0.8				0.3	16.7	1.8		18.5
	2.g. from water transfer cannals and aqueducts (tts)				25.9			25.9			
	3. Total use of water (= 1 + 2)	97.6	1.2	0.0	33.5	5.6	0.8	138.8	5.5	8.0	152.3

B. Physical supply table (hm3/year)		Industries									
2007	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.9	0.0	25.3	2.3	0.4	5.8	4.3	33.9	44.1
	4.i. goes to Agriculture				18.1	1.9					
	4.ii. goes to Industry				1.2	0.0					
Within the economy	4.iV. goes to Services				0.5	0.3					
	4.V. goes to Households				5.5						
	4.a. Reused water					2.3		2.3			2.3
	4.b. Wastewater to sewerage		0.9	0.0			0.4	1.3	4.3		5.6
	4.c. Desalinated water				2.2			2.2			2.2
	5. Total returns (= 5.a + 5.b)	6.3	0.0	0.0	8.2	3.4	0.0	17.9	0.0		17.9
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	6.3	0.0		8.2	0.0	0.0	14.6	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	6.3	0.0	0.0	8.2	0.0	0.0	14.6	0.0		14.6
	5.a.1. Surface water		0.0	0.0				0.0			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	6.3			8.2	0.0	0.0	14.6	0.0		
	5.b. To other sources (e.g., sea water)			0.0		3.4		3.4			3.4
	6. Total supply of water (= 4 + 5)	6.3	0.9	0.0	33.5	5.6	0.4	23.8	4.3		62.0
	7. Water consumption (= 3 - 6) of which	91.3	0.3	0.0	0.0	0.0	0.4	115.0	1.2		90.2
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2007	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.9		0.9			0.9
	Energy 35							0.0			0.0
	W-Supply 36	18.1	1.2				0.5	19.8	5.5		25.3
	W-Sanitation 37	1.9	0.0				0.3	2.2			2.2
	Services 38,39/45-99					0.4		0.4			0.4
	Total	19.9	1.2	0.0	0.0	1.3	0.8	23.3	5.5	0.0	28.8
Households						4.3		4.3			4.3
From other reference units					25.9			25.9			25.9
TOTAL		19.9	1.2	0.0	25.9	5.6	0.8	53.5	5.5	0.0	59.0

Physical Supply and Use Tables - Year 2007 - REWMU: VII - Campo Cartagena

A. Physical use table (hm3/year)		Industries									
2007	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	175.4	0.2	173.7	19.7	0.0	0.0	369.0	0.0		369.0
	1.a. Abstraction for own use	175.4	0.2	173.7	0.0	0.0	0.0	349.3			349.3
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	175.4						175.4			175.4
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			171.6				171.6			171.6
	Other (livestock, aquaculture, ...)		0.2	2.1				2.3			2.3
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	19.7	0.0	0.0	19.7			19.7
	1.i. Abstraction from inland water resources:	173.4	0.2	2.1	11.3	0.0	0.0	187.0	0.0		187.0
	1.i.1. Surface water			0.0	8.7			8.7			8.7
	1.i.2. Groundwater	99.2	0.2	2.1	2.6			104.1			104.1
	1.i.2a. Groundwater (renewable resources)	83.5									
	1.i.2b. Groundwater (non-renewable resources)	15.8									
	1.i.3. Soil Water (*green water*)	74.2						74.2			74.2
	1.ii. Abstraction from other sources	2.0	0.0	171.6	8.4	0.0	0.0	182.0	0.0		182.0
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea*	2.0		171.6	8.4			182.0			182.0
	2. Use of water received from other economic units	34.7	14.7	0.0	58.3	26.0	5.6	139.2	18.3	18.0	175.5
	2.a. Reused water (from W-sanitation)	12.9	0.0				2.7	15.6			15.6
	2.b. Wastewater to sewerage					26.0		26.0			26.0
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	8.4		8.4
	2.d. from "W-Supply" (sww)	0.9	3.4				0.7	5.0	2.3		7.3
	2.e. from "W-Supply" (gww)		1.2				0.2	1.4	0.8		2.2
	2.f. from "W-Supply" (tts)	20.9	10.1				2.0	33.0	6.8		39.8
	2.g. from water transfer cannals and aqueducts (tts)				58.3			58.3			
	3. Total use of water (= 1 + 2)	210.1	14.9	173.7	78.1	26.0	5.6	508.3	18.3	18.0	544.6

B. Physical supply table (hm3/year)		Industries									
2007	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	10.5	0.0	57.7	17.6	2.5	39.0	13.0	76.3	128.3
	4.i. goes to Agriculture				21.8	12.9					
	4.ii. goes to Industry				14.7	0.0					
Within the economy	4.iV. goes to Services				2.9	2.7					
	4.V. goes to Households				18.3						
	4.a. Reused water					17.6		17.6			17.6
	4.b. Wastewater to sewerage		10.5	0.0			2.5	13.0	13.0		26.0
	4.c. Desalinated water				8.4			8.4			8.4
	5. Total returns (= 5.a + 5.b)	13.7	0.1	171.6	20.4	8.4	0.3	214.4	0.0		214.4
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			171.6				171.6			
Into the environment	*Losses in distribution because of leakages*	13.7	0.0		20.4	0.0	0.3	34.3	0.0		
	Treated wastewater		0.1					0.1			
	Other							0.0			
	5.a. To inland water resources	13.7	0.1	0.0	20.4	0.0	0.3	34.4	0.0		34.4
	5.a.1. Surface water		0.1	0.0				0.1			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	13.7			20.4	0.0	0.3	34.3	0.0		
	5.b. To other sources (e.g., sea water)			171.6		8.4		180.0			180.0
	6. Total supply of water (= 4 + 5)	13.7	10.6	171.6	78.1	26.0	2.8	253.5	13.0		342.8
	7. Water consumption (= 3 - 6) of which	196.4	4.3	2.1	0.0	0.0	2.8	254.8	5.3		201.8
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2007	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					10.5		10.5			10.5
	Energy 35							0.0			0.0
	W-Supply 36	21.8	14.7				2.9	39.4	18.3		57.7
	W-Sanitation 37	12.9	0.0				2.7	15.6			15.6
	Services 38,39/45-99					2.5		2.5			2.5
	Total	34.7	14.7	0.0	0.0	13.0	5.6	68.0	18.3	0.0	86.3
Households						13.0		13.0			13.0
From other reference units					58.3			58.3			58.3
TOTAL		34.7	14.7	0.0	58.3	26.0	5.6	139.2	18.3	0.0	157.5

* Desalination of brackish groundwater

Physical Supply and Use Tables - Year 2008 - REWMU: X - Segura River Basin

A. Physical use table (hm3/year)		Industries									
2008	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	1378.8	9.4	1247.0	366.4	0.0	0.0	3001.5	0.0		3001.5
	1.a. Abstraction for own use	1378.8	9.4	1247.0	0.0	0.0	0.0	2635.2			2635.2
	Hydroelectric power generation			992.7				992.7			992.7
	Irrigation water	1378.8						1378.8			1378.8
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			252.2				252.2			252.2
	Other (livestock, aquaculture, ...)		9.4	2.1				11.5			11.5
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	366.4	0.0	0.0	366.4			366.4
	1.i. Abstraction from inland water resources:	1361.8	9.4	994.8	311.3	0.0	0.0	2677.3	0.0		2677.3
	1.i.1. Surface water			992.7	272.0			1264.7			1264.7
	1.i.2. Groundwater	432.1	9.4	2.1	39.3			482.9			482.9
	1.i.2a. Groundwater (renewable resources)	203.3									
	1.i.2b. Groundwater (non-renewable resources)	228.9									
	1.i.3. Soil Water (*green water*)	929.6						929.6			929.6
	1.ii. Abstraction from other sources	17.0	0.0	252.2	55.0	0.0	0.0	324.2	0.0		324.2
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	17.0		252.2	55.0			324.2			324.2
	2. Use of water received from other economic units	356.8	36.6	0.0	170.9	133.8	10.4	708.6	116.3	63.7	888.6
	2.a. Reused water (from W-sanitation)	86.9	0.0				5.0	91.9			91.9
	2.b. Wastewater to sewerage					133.8		133.8			133.8
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	55.0		55.0
	2.d. from "W-Supply" (sww)	207.2	12.0				1.3	220.5	17.0		237.5
	2.e. from "W-Supply" (gww)		7.9				1.3	9.2	20.3		29.5
	2.f. from "W-Supply" (tts)	62.8	16.7				2.8	82.2	24.0		106.2
	2.g. from water transfer cannals and aqueducts (tts)				170.9			170.9			
	3. Total use of water (= 1 + 2)	1735.6	46.0	1247.0	537.3	133.8	10.4	3710.1	116.3	63.7	3890.2

B. Physical supply table (hm3/year)		Industries									
2008	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	35.0	0.0	428.3	122.6	4.5	217.1	94.3	234.7	546.1
	4.i. goes to Agriculture				270.0	86.9					
	4.ii. goes to Industry				36.6	0.0					
Within the economy	4.iV. goes to Services				5.4	5.0					
	4.V. goes to Households				116.3						
	4.a. Reused water					122.6		122.6			122.6
	4.b. Wastewater to sewerage		35.0	0.0			4.5	39.5	94.3		133.8
	4.c. Desalinated water				55.0			55.0			55.0
	5. Total returns (= 5.a + 5.b)	151.8	3.1	1244.9	109.0	11.2	0.5	1520.5	0.0		1520.5
	Hydroelectric power generation			992.7				992.7			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			252.2				252.2			
Into the environment	*Losses in distribution because of leakages*	151.8	0.0		109.0	0.0	0.5	261.3	0.0		
	Treated wastewater		3.1					3.1			
	Other							0.0			
	5.a. To inland water resources	151.8	3.1	992.7	109.0	0.0	0.5	1257.1	0.0		1257.1
	5.a.1. Surface water		3.1	992.7				995.8			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	151.8			109.0	0.0	0.5	261.3	0.0		
	5.b. To other sources (e.g., sea water)			252.2		11.2		263.4			263.4
	6. Total supply of water (= 4 + 5)	151.8	38.1	1244.9	537.3	133.8	5.0	1737.6	94.3		2066.7
	7. Water consumption (= 3 - 6) of which	1583.8	7.9	2.1	0.0	0.0	5.4	1972.5	22.0		1823.5
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2008	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					35.0		35.0			35.0
	Energy 35							0.0			0.0
	W-Supply 36	270.0	36.6				5.4	312.0	116.3		428.3
	W-Sanitation 37	86.9	0.0				5.0	91.9			91.9
	Services 38,39/45-99					4.5		4.5			4.5
	Total	356.8	36.6	0.0	0.0	39.5	10.4	443.3	116.3	0.0	559.6
Households						94.3		94.3			94.3
From other reference units					170.9			170.9			170.9
TOTAL		356.8	36.6	0.0	170.9	133.8	10.4	708.6	116.3	0.0	824.9

Physical Supply and Use Tables - Year 2008 - REWMU: I - Cabecera

A. Physical use table (hm3/year)		Industries									
2008	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	178.8	0.2	787.5	54.1	0.0	0.0	1020.6	0.0		1020.6
	1.a. Abstraction for own use	178.8	0.2	787.5	0.0	0.0	0.0	966.5			966.5
	Hydroelectric power generation			787.5				787.5			787.5
	Irrigation water	178.8						178.8			178.8
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.2	0.0				0.2			0.2
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	54.1	0.0	0.0	54.1			54.1
	1.i. Abstraction from inland water resources:	178.8	0.2	787.5	54.1	0.0	0.0	1020.5	0.0		1020.5
	1.i.1. Surface water			787.5	50.0			837.4			837.4
	1.i.2. Groundwater	64.5	0.2	0.0	4.1			68.8			68.8
	1.i.2a. Groundwater (renewable resources)	24.7									
	1.i.2b. Groundwater (non-renewable resources)	39.8									
	1.i.3. Soil Water (*green water*)	114.3						114.3			114.3
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0		0.1
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.1			0.1			0.1
	2. Use of water received from other economic units	45.2	0.0	0.0	0.1	6.2	0.0	51.5	6.0	0.0	57.5
	2.a. Reused water (from W-sanitation)	3.9	0.0				0.0	3.9			3.9
	2.b. Wastewater to sewerage					6.2		6.2			6.2
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.1		0.1
	2.d. from "W-Supply" (sww)	41.3	0.0				0.0	41.3	2.6		44.0
	2.e. from "W-Supply" (gww)		0.0				0.0	0.0	3.2		3.2
	2.f. from "W-Supply" (tts)	0.0	0.0				0.0	0.0	0.0		0.0
	2.g. from water transfer cannals and aqueducts (tts)				0.1			0.1			
	3. Total use of water (= 1 + 2)	224.0	0.2	787.5	54.2	6.2	0.0	1072.1	6.0	0.0	1078.1

B. Physical supply table (hm3/year)		Industries									
2008	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.2	0.0	47.3	6.2	0.0	6.4	6.0	0.1	12.5
	4.i. goes to Agriculture				41.3	3.9					
	4.ii. goes to Industry				0.0	0.0					
Within the economy	4.iV. goes to Services				0.0	0.0					
	4.V. goes to Households				6.0						
	4.a. Reused water					6.2		6.2			6.2
	4.b. Wastewater to sewerage		0.2	0.0			0.0	0.2	6.0		6.2
	4.c. Desalinated water				0.1			0.1			0.1
	5. Total returns (= 5.a + 5.b)	27.4	0.0	787.5	6.9	0.0	0.0	821.8	0.0		821.8
	Hydroelectric power generation			787.5				787.5			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	27.4	0.0		6.9	0.0	0.0	34.4	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	27.4	0.0	787.5	6.9	0.0	0.0	821.8	0.0		821.8
	5.a.1. Surface water		0.0	787.5				787.5			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	27.4			6.9	0.0	0.0	34.4	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	27.4	0.2	787.5	54.2	6.2	0.0	828.3	6.0		834.3
	7. Water consumption (= 3 - 6) of which	196.6	0.0	0.0	0.0	0.0	0.0	243.8	0.0		243.7
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2008	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.2		0.2			0.2
	Energy 35							0.0			0.0
	W-Supply 36	41.3	0.0				0.0	41.3	6.0		47.3
	W-Sanitation 37	3.9	0.0				0.0	3.9			3.9
	Services 38,39/45-99					0.0		0.0			0.0
	Total	45.2	0.0	0.0	0.0	0.2	0.0	45.4	6.0	0.0	51.4
Households						6.0		6.0			6.0
From other reference units					0.1			0.1			0.1
TOTAL		45.2	0.0	0.0	0.1	6.2	0.0	51.5	6.0	0.0	57.4

Physical Supply and Use Tables - Year 2008 - REWMU: II - Noroeste

A. Physical use table (hm3/year)		Industries									
2008	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	182.7	1.0	23.7	19.0	0.0	0.0	226.4	0.0		226.4
	1.a. Abstraction for own use	182.7	1.0	23.7	0.0	0.0	0.0	207.4			207.4
	Hydroelectric power generation			23.7				23.7			23.7
	Irrigation water	182.7						182.7			182.7
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		1.0	0.0				1.0			1.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	19.0	0.0	0.0	19.0			19.0
	1.i. Abstraction from inland water resources:	182.7	1.0	23.7	16.0	0.0	0.0	223.4	0.0		223.4
	1.i.1. Surface water			23.7	13.9			37.6			37.6
	1.i.2. Groundwater	19.0	1.0	0.0	2.1			22.1			22.1
	1.i.2a. Groundwater (renewable resources)	17.9									
	1.i.2b. Groundwater (non-renewable resources)	1.0									
	1.i.3. Soil Water (*green water*)	163.8						163.8			163.8
	1.ii. Abstraction from other sources	0.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0		3.0
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	3.0			3.0			3.0
	2. Use of water received from other economic units	15.0	1.9	0.0	6.3	6.4	0.2	29.8	5.9	2.4	38.1
	2.a. Reused water (from W-sanitation)	2.7	0.0				0.0	2.7			2.7
	2.b. Wastewater to sewerage					6.4		6.4			6.4
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	3.0		3.0
	2.d. from "W-Supply" (sww)	11.0	0.4				0.0	11.5	0.6		12.1
	2.e. from "W-Supply" (gww)		0.5				0.0	0.5	1.1		1.6
	2.f. from "W-Supply" (tts)	1.3	1.0				0.1	2.4	1.3		3.7
	2.g. from water transfer cannals and aqueducts (tts)				6.3			6.3			
	3. Total use of water (= 1 + 2)	197.7	2.9	23.7	25.3	6.4	0.2	256.2	5.9	2.4	264.5

B. Physical supply table (hm3/year)		Industries									
2008	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	1.9	0.0	20.3	6.4	0.1	11.4	4.4	8.7	24.5
	4.i. goes to Agriculture				12.3	2.7					
	4.ii. goes to Industry				1.9	0.0					
Within the economy	4.iV. goes to Services				0.2	0.0					
	4.V. goes to Households				5.9						
	4.a. Reused water					6.4		6.4			6.4
	4.b. Wastewater to sewerage		1.9	0.0			0.1	2.0	4.4		6.4
	4.c. Desalinated water				3.0			3.0			3.0
	5. Total returns (= 5.a + 5.b)	9.7	0.5	23.7	5.0	0.0	0.0	38.9	0.0		38.9
	Hydroelectric power generation			23.7				23.7			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	9.7	0.0		5.0	0.0	0.0	14.7	0.0		
	Treated wastewater		0.5					0.5			
	Other							0.0			
	5.a. To inland water resources	9.7	0.5	23.7	5.0	0.0	0.0	38.9	0.0		38.9
	5.a.1. Surface water		0.5	23.7				24.2			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	9.7			5.0	0.0	0.0	14.7	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	9.7	2.4	23.7	25.3	6.4	0.1	50.3	4.4		63.4
	7. Water consumption (= 3 - 6) of which	188.1	0.5	0.0	0.0	0.0	0.0	205.9	1.5		201.1
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2008	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					1.9		1.9			1.9
	Energy 35							0.0			0.0
	W-Supply 36	12.3	1.9				0.2	14.4	5.9		20.3
	W-Sanitation 37	2.7	0.0				0.0	2.7			2.7
	Services 38,39/45-99					0.1		0.1			0.1
	Total	15.0	1.9	0.0	0.0	2.0	0.2	19.1	5.9	0.0	25.0
Households						4.4		4.4			4.4
From other reference units					6.3			6.3			6.3
TOTAL		15.0	1.9	0.0	6.3	6.4	0.2	29.8	5.9	0.0	35.7

Physical Supply and Use Tables - Year 2008 - REWMU: III - Guadalentín

A. Physical use table (hm3/year)		Industries							Households	By other reference units (export of water)	TOTAL
2008	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	229.2	0.0	15.9	18.7	0.0	0.0	263.8	0.0		263.8
	1.a. Abstraction for own use	229.2	0.0	15.9	0.0	0.0	0.0	245.2			245.2
	Hydroelectric power generation			15.9				15.9			15.9
	Irrigation water	229.2						229.2			229.2
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.0	0.0				0.0			0.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	18.7	0.0	0.0	18.7			18.7
	1.i. Abstraction from inland water resources:	229.2	0.0	15.9	13.6	0.0	0.0	258.8	0.0		258.8
	1.i.1. Surface water			15.9	9.5			25.4			25.4
	1.i.2. Groundwater	109.0	0.0	0.0	4.1			113.1			113.1
	1.i.2a. Groundwater (renewable resources)	33.8									
	1.i.2b. Groundwater (non-renewable resources)	75.2									
	1.i.3. Soil Water (*green water*)	120.2						120.2			120.2
	1.ii. Abstraction from other sources	0.0	0.0	0.0	5.0	0.0	0.0	5.0	0.0		5.0
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	5.0			5.0			5.0
	2. Use of water received from other economic units	21.2	4.9	0.0	21.1	6.2	0.2	53.5	10.3	7.9	71.7
	2.a. Reused water (from W-sanitation)	6.2	0.0				0.0	6.2			6.2
	2.b. Wastewater to sewerage					6.2		6.2			6.2
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	5.0		5.0
	2.d. from "W-Supply" (sww)	6.0	1.2				0.0	7.2	1.0		8.2
	2.e. from "W-Supply" (gww)		1.2				0.0	1.2	2.1		3.3
	2.f. from "W-Supply" (tts)	9.0	2.5				0.1	11.6	2.2		13.8
	2.g. from water transfer cannals and aqueducts (tts)				21.1			21.1			
	3. Total use of water (= 1 + 2)	250.4	4.9	15.9	39.8	6.2	0.2	317.4	10.3	7.9	335.6

B. Physical supply table (hm3/year)		Industries							Households	By other reference units (import of water)	TOTAL
2008	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	4. Supply of water to other economic units of which:	0.0	2.0	0.0	30.4	6.2	0.1	13.3	4.1	29.0	46.4
	4.i. goes to Agriculture				15.0	6.2					
	4.ii. goes to Industry				4.9	0.0					
Within the economy	4.iV. goes to Services				0.2	0.0					
	4.V. goes to Households				10.3						
	4.a. Reused water					6.2		6.2			6.2
	4.b. Wastewater to sewerage		2.0	0.0			0.1	2.0	4.1		6.2
	4.c. Desalinated water				5.0			5.0			5.0
	5. Total returns (= 5.a + 5.b)	22.9	0.0	15.9	9.4	0.0	0.0	48.2	0.0		48.2
	Hydroelectric power generation			15.9				15.9			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	22.9	0.0		9.4	0.0	0.0	32.3	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	22.9	0.0	15.9	9.4	0.0	0.0	48.2	0.0		48.2
	5.a.1. Surface water		0.0	15.9				15.9			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	22.9			9.4	0.0	0.0	32.3	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	22.9	2.0	15.9	39.8	6.2	0.1	61.5	4.1		94.6
	7. Water consumption (= 3 - 6) of which	227.5	2.9	0.0	0.0	0.0	0.1	255.9	6.2		241.0
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries							Households	To other reference units	Total
2008	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					2.0		2.0			2.0
	Energy 35							0.0			0.0
	W-Supply 36	15.0	4.9				0.2	20.1	10.3		30.4
	W-Sanitation 37	6.2	0.0				0.0	6.2			6.2
	Services 38,39/45-99					0.1		0.1			0.1
	Total	21.2	4.9	0.0	0.0	2.0	0.2	28.3	10.3	0.0	38.6
Households						4.1		4.1			4.1
From other reference units					21.1			21.1			21.1
TOTAL		21.2	4.9	0.0	21.1	6.2	0.2	53.5	10.3	0.0	63.9

Physical Supply and Use Tables - Year 2008 - REWMU: IV - Vega

A. Physical use table (hm3/year)		Industries							Households	By other reference units (export of water)	TOTAL
2008	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	268.5	7.2	992.7	206.2	0.0	0.0	1474.6	0.0		1474.6
	1.a. Abstraction for own use	268.5	7.2	992.7	0.0	0.0	0.0	1268.4			1268.4
	Hydroelectric power generation			992.7				992.7			992.7
	Irrigation water	268.5						268.5			268.5
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		7.2	0.0				7.2			7.2
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	206.2	0.0	0.0	206.2			206.2
	1.i. Abstraction from inland water resources:	268.5	7.2	992.7	172.7	0.0	0.0	1441.1	0.0		1441.1
	1.i.1. Surface water			992.7	157.9			1150.6			1150.6
	1.i.2. Groundwater	33.2	7.2	0.0	14.8			55.2			55.2
	1.i.2a. Groundwater (renewable resources)	19.0									
	1.i.2b. Groundwater (non-renewable resources)	14.2									
	1.i.3. Soil Water (*green water*)	235.3						235.3			235.3
	1.ii. Abstraction from other sources	0.0	0.0	0.0	33.5	0.0	0.0	33.5	0.0		33.5
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	33.5			33.5			33.5
	2. Use of water received from other economic units	193.2	14.0	0.0	69.8	79.9	3.3	360.2	65.0	26.0	451.2
	2.a. Reused water (from W-sanitation)	54.8	0.0				1.9	56.7			56.7
	2.b. Wastewater to sewerage					79.9		79.9			79.9
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	33.5		33.5
	2.d. from "W-Supply" (sww)	119.7	6.6				0.3	126.6	10.0		136.6
	2.e. from "W-Supply" (gww)		2.4				0.3	2.7	6.9		9.6
	2.f. from "W-Supply" (tts)	18.7	5.0				0.7	24.5	14.6		39.0
	2.g. from water transfer cannals and aqueducts (tts)				69.8			69.8			
	3. Total use of water (= 1 + 2)	461.7	21.2	992.7	276.0	79.9	3.3	1834.8	65.0	26.0	1925.8

B. Physical supply table (hm3/year)		Industries							Households	By other reference units (import of water)	TOTAL
2008	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	4. Supply of water to other economic units of which:	0.0	19.6	0.0	218.8	79.9	1.4	134.3	58.9	95.8	289.0
	4.i. goes to Agriculture				138.4	54.8					
	4.ii. goes to Industry				14.0	0.0					
Within the economy	4.iV. goes to Services				1.4	1.9					
	4.V. goes to Households				65.0						
	4.a. Reused water					79.9		79.9			79.9
	4.b. Wastewater to sewerage		19.6	0.0			1.4	20.9	58.9		79.9
	4.c. Desalinated water				33.5			33.5			33.5
	5. Total returns (= 5.a + 5.b)	56.7	1.6	992.7	57.2	0.0	0.2	1108.5	0.0		1108.5
	Hydroelectric power generation			992.7				992.7			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	56.7	0.0		57.2	0.0	0.2	114.1	0.0		
	Treated wastewater		1.6					1.6			
	Other							0.0			
	5.a. To inland water resources	56.7	1.6	992.7	57.2	0.0	0.2	1108.5	0.0		1108.5
	5.a.1. Surface water		1.6	992.7				994.3			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	56.7			57.2	0.0	0.2	114.1	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	56.7	21.2	992.7	276.0	79.9	1.6	1242.8	58.9		1397.5
	7. Water consumption (= 3 - 6) of which	404.9	0.0	0.0	0.0	0.0	1.8	592.0	6.1		528.3
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries							Households	To other reference units	Total
2008	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					19.6		19.6			19.6
	Energy 35							0.0			0.0
	W-Supply 36	138.4	14.0				1.4	153.8	65.0		218.8
	W-Sanitation 37	54.8	0.0				1.9	56.7			56.7
	Services 38,39/45-99					1.4		1.4			1.4
	Total	193.2	14.0	0.0	0.0	20.9	3.3	231.5	65.0	0.0	296.5
Households						58.9		58.9			58.9
From other reference units					69.8			69.8			69.8
TOTAL		193.2	14.0	0.0	69.8	79.9	3.3	360.2	65.0	0.0	425.2

Physical Supply and Use Tables - Year 2008 - REWMU: V - Noreste

A. Physical use table (hm3/year)		Industries									
2008	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	274.7	0.8	0.0	33.7	0.0	0.0	309.2	0.0		309.2
	1.a. Abstraction for own use	274.7	0.8	0.0	0.0	0.0	0.0	275.5			275.5
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	274.7						274.7			274.7
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.8	0.0				0.8			0.8
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	33.7	0.0	0.0	33.7			33.7
	1.i. Abstraction from inland water resources:	274.7	0.8	0.0	33.1	0.0	0.0	308.6	0.0		308.6
	1.i.1. Surface water			0.0	28.5			28.5			28.5
	1.i.2. Groundwater	88.6	0.8	0.0	4.6			93.9			93.9
	1.i.2a. Groundwater (renewable resources)	22.6									
	1.i.2b. Groundwater (non-renewable resources)	66.0									
	1.i.3. Soil Water (*green water*)	186.1						186.1			186.1
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.0		0.5
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.5			0.5			0.5
	2. Use of water received from other economic units	29.9	0.5	0.0	0.9	5.1	0.1	36.6	4.6	0.4	41.5
	2.a. Reused water (from W-sanitation)	4.0	0.0				0.0	4.0			4.0
	2.b. Wastewater to sewerage					5.1		5.1			5.1
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.5		0.5
	2.d. from "W-Supply" (sww)	25.9	0.1				0.0	26.0	0.1		26.1
	2.e. from "W-Supply" (gww)		0.1				0.0	0.1	3.7		3.8
	2.f. from "W-Supply" (tts)	0.0	0.2				0.1	0.3	0.2		0.5
	2.g. from water transfer cannals and aqueducts (tts)				0.9			0.9			
	3. Total use of water (= 1 + 2)	304.6	1.2	0.0	34.6	5.1	0.1	345.7	4.6	0.4	350.6

B. Physical supply table (hm3/year)		Industries									
2008	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	1.0	0.0	31.0	5.1	0.1	6.7	4.1	1.3	12.1
	4.i. goes to Agriculture				25.9	4.0					
	4.ii. goes to Industry				0.5	0.0					
Within the economy	4.iV. goes to Services				0.1	0.0					
	4.V. goes to Households				4.6						
	4.a. Reused water					5.1		5.1			5.1
	4.b. Wastewater to sewerage		1.0	0.0			0.1	1.1	4.1		5.1
	4.c. Desalinated water				0.5			0.5			0.5
	5. Total returns (= 5.a + 5.b)	16.2	0.3	0.0	3.6	0.0	0.0	20.0	0.0		20.0
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	16.2	0.0		3.6	0.0	0.0	19.8	0.0		
	Treated wastewater		0.3					0.3			
	Other							0.0			
	5.a. To inland water resources	16.2	0.3	0.0	3.6	0.0	0.0	20.0	0.0		20.0
	5.a.1. Surface water		0.3	0.0				0.3			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	16.2			3.6	0.0	0.0	19.8	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	16.2	1.2	0.0	34.6	5.1	0.1	26.8	4.1		32.1
	7. Water consumption (= 3 - 6) of which	288.5	0.0	0.0	0.0	0.0	0.0	319.0	0.5		318.5
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2008	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					1.0		1.0			1.0
	Energy 35							0.0			0.0
	W-Supply 36	25.9	0.5				0.1	26.5	4.6		31.0
	W-Sanitation 37	4.0	0.0				0.0	4.0			4.0
	Services 38,39/45-99					0.1		0.1			0.1
	Total	29.9	0.5	0.0	0.0	1.1	0.1	31.6	4.6	0.0	36.1
Households						4.1		4.1			4.1
From other reference units					0.9			0.9			0.9
TOTAL		29.9	0.5	0.0	0.9	5.1	0.1	36.6	4.6	0.0	41.1

Physical Supply and Use Tables - Year 2008 - REWMU: VI - Sur Costa

A. Physical use table (hm3/year)		Industries									
2008	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	76.3	0.0	0.0	8.8	0.0	0.0	85.1	0.0		85.1
	1.a. Abstraction for own use	76.3	0.0	0.0	0.0	0.0	0.0	76.3			76.3
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	76.3						76.3			76.3
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.0	0.0				0.0			0.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	8.8	0.0	0.0	8.8			8.8
	1.i. Abstraction from inland water resources:	61.3	0.0	0.0	6.1	0.0	0.0	67.3	0.0		67.3
	1.i.1. Surface water			0.0	3.9			3.9			3.9
	1.i.2. Groundwater	24.4	0.0	0.0	2.1			26.5			26.5
	1.i.2a. Groundwater (renewable resources)	6.7									
	1.i.2b. Groundwater (non-renewable resources)	17.7									
	1.i.3. Soil Water (*green water*)	36.9						36.9			36.9
	1.ii. Abstraction from other sources	15.0	0.0	0.0	2.7	0.0	0.0	17.7	0.0		17.7
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	15.0		0.0	2.7			17.7			17.7
	2. Use of water received from other economic units	22.0	1.0	0.0	28.3	5.6	0.9	57.7	5.7	10.5	74.0
	2.a. Reused water (from W-sanitation)	1.9	0.0				0.4	2.3			2.3
	2.b. Wastewater to sewerage					5.6		5.6			5.6
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	2.7		2.7
	2.d. from "W-Supply" (sww)	2.5	0.2				0.1	2.8	0.6		3.4
	2.e. from "W-Supply" (gww)		0.2				0.1	0.4	1.2		1.6
	2.f. from "W-Supply" (tts)	17.6	0.5				0.3	18.4	1.2		19.6
	2.g. from water transfer cannals and aqueducts (tts)				28.3			28.3			
	3. Total use of water (= 1 + 2)	98.3	1.0	0.0	37.0	5.6	0.9	142.8	5.7	10.5	159.0

B. Physical supply table (hm3/year)		Industries									
2008	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.7	0.0	27.3	2.2	0.4	6.1	4.4	38.8	49.3
	4.i. goes to Agriculture				20.1	1.9					
	4.ii. goes to Industry				1.0	0.0					
Within the economy	4.iV. goes to Services				0.6	0.4					
	4.V. goes to Households				5.7						
	4.a. Reused water					2.2		2.2			2.2
	4.b. Wastewater to sewerage		0.7	0.0			0.4	1.2	4.4		5.6
	4.c. Desalinated water				2.7			2.7			2.7
	5. Total returns (= 5.a + 5.b)	6.2	0.0	0.0	9.8	3.3	0.0	19.3	0.0		19.3
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	6.2	0.0		9.8	0.0	0.0	16.0	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	6.2	0.0	0.0	9.8	0.0	0.0	16.0	0.0		16.0
	5.a.1. Surface water		0.0	0.0				0.0			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	6.2			9.8	0.0	0.0	16.0	0.0		
	5.b. To other sources (e.g., sea water)			0.0		3.3		3.3			3.3
	6. Total supply of water (= 4 + 5)	6.2	0.7	0.0	37.0	5.6	0.5	25.4	4.4		68.6
	7. Water consumption (= 3 - 6) of which	92.1	0.2	0.0	0.0	0.0	0.5	117.3	1.3		90.4
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2008	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.7		0.7			0.7
	Energy 35							0.0			0.0
	W-Supply 36	20.1	1.0				0.6	21.6	5.7		27.3
	W-Sanitation 37	1.9	0.0				0.4	2.3			2.3
	Services 38,39/45-99					0.4		0.4			0.4
	Total	22.0	1.0	0.0	0.0	1.2	0.9	25.1	5.7	0.0	30.8
Households						4.4		4.4			4.4
From other reference units					28.3			28.3			28.3
TOTAL		22.0	1.0	0.0	28.3	5.6	0.9	57.7	5.7	0.0	63.4

Physical Supply and Use Tables - Year 2008 - REWMU: VII - Campo Cartagena

A. Physical use table (hm3/year)		Industries									
2008	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	168.5	0.2	254.3	25.9	0.0	0.0	448.9	0.0		448.9
	1.a. Abstraction for own use	168.5	0.2	254.3	0.0	0.0	0.0	423.0			423.0
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	168.5						168.5			168.5
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			252.2				252.2			252.2
	Other (livestock, aquaculture, ...)		0.2	2.1				2.3			2.3
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	25.9	0.0	0.0	25.9			25.9
	1.i. Abstraction from inland water resources:	166.5	0.2	2.1	15.7	0.0	0.0	184.5	0.0		184.5
	1.i.1. Surface water			0.0	8.3			8.3			8.3
	1.i.2. Groundwater	93.5	0.2	2.1	7.5			103.2			103.2
	1.i.2a. Groundwater (renewable resources)	78.7									
	1.i.2b. Groundwater (non-renewable resources)	14.8									
	1.i.3. Soil Water (*green water*)	73.0						73.0			73.0
	1.ii. Abstraction from other sources	2.0	0.0	252.2	10.2	0.0	0.0	264.4	0.0		264.4
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea*	2.0		252.2	10.2			264.4			264.4
	2. Use of water received from other economic units	30.3	14.5	0.0	44.4	24.5	5.6	119.3	18.8	16.6	154.7
	2.a. Reused water (from W-sanitation)	13.3	0.0				2.7	16.0			16.0
	2.b. Wastewater to sewerage					24.5		24.5			24.5
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	10.2		10.2
	2.d. from "W-Supply" (sww)	0.8	3.5				0.7	5.0	2.1		7.1
	2.e. from "W-Supply" (gww)		3.5				0.7	4.3	2.1		6.4
	2.f. from "W-Supply" (tts)	16.1	7.4				1.5	25.1	4.4		29.5
	2.g. from water transfer cannals and aqueducts (tts)				44.4			44.4			
	3. Total use of water (= 1 + 2)	198.9	14.7	254.3	70.4	24.5	5.6	568.3	18.8	16.6	603.7

B. Physical supply table (hm3/year)		Industries									
2008	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	9.7	0.0	53.2	16.6	2.4	38.8	12.5	61.0	112.3
	4.i. goes to Agriculture				17.0	13.3					
	4.ii. goes to Industry				14.5	0.0					
Within the economy	4.iV. goes to Services				2.9	2.7					
	4.V. goes to Households				18.8						
	4.a. Reused water					16.6		16.6			16.6
	4.b. Wastewater to sewerage		9.7	0.0			2.4	12.1	12.5		24.5
	4.c. Desalinated water				10.2			10.2			10.2
	5. Total returns (= 5.a + 5.b)	12.7	0.1	252.2	17.2	7.9	0.3	290.3	0.0		290.3
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			252.2				252.2			
Into the environment	*Losses in distribution because of leakages*	12.7	0.0		17.2	0.0	0.3	30.1	0.0		
	Treated wastewater		0.1					0.1			
	Other							0.0			
	5.a. To inland water resources	12.7	0.1	0.0	17.2	0.0	0.3	30.2	0.0		30.2
	5.a.1. Surface water		0.1	0.0				0.1			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	12.7			17.2	0.0	0.3	30.1	0.0		
	5.b. To other sources (e.g., sea water)			252.2		7.9		260.1			260.1
	6. Total supply of water (= 4 + 5)	12.7	9.8	252.2	70.4	24.5	2.6	329.1	12.5		402.6
	7. Water consumption (= 3 - 6) of which	186.2	4.9	2.1	0.0	0.0	3.0	239.1	6.3		201.0
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2008	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					9.7		9.7			9.7
	Energy 35							0.0			0.0
	W-Supply 36	17.0	14.5				2.9	34.4	18.8		53.2
	W-Sanitation 37	13.3	0.0				2.7	16.0			16.0
	Services 38,39/45-99					2.4		2.4			2.4
	Total	30.3	14.5	0.0	0.0	12.1	5.6	62.4	18.8	0.0	81.2
Households						12.5		12.5			12.5
From other reference units					44.4			44.4			44.4
TOTAL		30.3	14.5	0.0	44.4	24.5	5.6	119.3	18.8	0.0	138.2

* Desalination of brackish groundwater

Physical Supply and Use Tables - Year 2009 - REWMU: X - Segura River Basin

A. Physical use table (hm3/year)		Industries									
2009	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	1427.3	9.4	1377.3	470.2	0.0	0.0	3284.2	0.0		3284.2
	1.a. Abstraction for own use	1427.3	9.4	1377.3	0.0	0.0	0.0	2814.0			2814.0
	Hydroelectric power generation			1190.1				1190.1			1190.1
	Irrigation water	1427.3						1427.3			1427.3
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			185.2				185.2			185.2
	Other (livestock, aquaculture, ...)		9.4	2.1				11.5			11.5
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	470.2	0.0	0.0	470.2			470.2
	1.i. Abstraction from inland water resources:	1410.3	9.4	1192.2	393.7	0.0	0.0	3005.6	0.0		3005.6
	1.i.1. Surface water			1190.1	382.5			1572.6			1572.6
	1.i.2. Groundwater	483.6	9.4	2.1	11.2			506.3			506.3
	1.i.2a. Groundwater (renewable resources)	231.4									
	1.i.2b. Groundwater (non-renewable resources)	252.3									
	1.i.3. Soil Water (*green water*)	926.7						926.7			926.7
	1.ii. Abstraction from other sources	17.0	0.0	185.2	76.5	0.0	0.0	278.6	0.0		278.6
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	17.0		185.2	76.5			278.6			278.6
	2. Use of water received from other economic units	546.6	29.3	0.0	209.0	137.3	11.1	933.2	118.0	69.8	1121.0
	2.a. Reused water (from W-sanitation)	89.1	0.0				5.0	94.2			94.2
	2.b. Wastewater to sewerage					137.3		137.3			137.3
Within the economy	2.c. Desalinated water (from W-Supply)	22.0	0.0					22.0	54.5		76.5
	2.d. from "W-Supply" (sww)	297.8	12.2				2.0	312.0	22.6		334.6
	2.e. from "W-Supply" (gww)		0.0				0.0	0.0	9.2		9.2
	2.f. from "W-Supply" (tts)	137.7	17.2				4.0	158.8	31.7		190.5
	2.g. from water transfer cannals and aqueducts (tts)				209.0			209.0			
	3. Total use of water (= 1 + 2)	1973.9	38.7	1377.3	679.2	137.3	11.1	4217.5	118.0	69.8	4405.2

B. Physical supply table (hm3/year)		Industries									
2009	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	31.0	0.0	610.8	126.1	5.3	238.9	101.0	278.8	618.6
	4.i. goes to Agriculture				457.5	89.1					
	4.ii. goes to Industry				29.3	0.0					
Within the economy	4.iV. goes to Services				6.0	5.0					
	4.V. goes to Households				118.0						
	4.a. Reused water					126.1		126.1			126.1
	4.b. Wastewater to sewerage		31.0	0.0			5.3	36.3	101.0		137.3
	4.c. Desalinated water				76.5			76.5			76.5
	5. Total returns (= 5.a + 5.b)	200.4	3.1	1375.2	68.5	11.1	0.5	1658.8	0.0		1658.8
	Hydroelectric power generation			1190.1				1190.1			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			185.2				185.2			
Into the environment	*Losses in distribution because of leakages*	200.4	0.0		68.5	0.0	0.5	269.3	0.0		
	Treated wastewater		3.1					3.1			
	Other							0.0			
	5.a. To inland water resources	200.4	3.1	1190.1	68.5	0.0	0.5	1462.5	0.0		1462.5
	5.a.1. Surface water		3.1	1190.1				1193.2			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	200.4			68.5	0.0	0.5	269.3	0.0		
	5.b. To other sources (e.g., sea water)			185.2		11.1		196.3			196.3
	6. Total supply of water (= 4 + 5)	200.4	34.1	1375.2	679.2	137.3	5.8	1897.6	101.0		2277.4
	7. Water consumption (= 3 - 6) of which	1773.5	4.6	2.1	0.0	0.0	5.3	2319.8	17.0		2127.8
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2009	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					31.0		31.0			31.0
	Energy 35							0.0			0.0
	W-Supply 36	457.5	29.3				6.0	492.8	118.0		610.8
	W-Sanitation 37	89.1	0.0				5.0	94.2			94.2
	Services 38,39/45-99					5.3		5.3			5.3
	Total	546.6	29.3	0.0	0.0	36.3	11.1	623.2	118.0	0.0	741.2
Households						101.0		101.0			101.0
From other reference units					209.0			209.0			209.0
TOTAL		546.6	29.3	0.0	209.0	137.3	11.1	933.2	118.0	0.0	1051.2

Physical Supply and Use Tables - Year 2009 - REWMU: I - Cabecera

A. Physical use table (hm3/year)		Industries									
2009	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	180.9	0.2	944.0	74.6	0.0	0.0	1199.7	0.0		1199.7
	1.a. Abstraction for own use	180.9	0.2	944.0	0.0	0.0	0.0	1125.1			1125.1
	Hydroelectric power generation			944.0				944.0			944.0
	Irrigation water	180.9						180.9			180.9
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.2	0.0				0.2			0.2
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	74.6	0.0	0.0	74.6			74.6
	1.i. Abstraction from inland water resources:	180.9	0.2	944.0	74.5	0.0	0.0	1199.6	0.0		1199.6
	1.i.1. Surface water			944.0	70.4			1014.4			1014.4
	1.i.2. Groundwater	64.6	0.2	0.0	4.1			68.8			68.8
	1.i.2a. Groundwater (renewable resources)	24.7									
	1.i.2b. Groundwater (non-renewable resources)	39.8									
	1.i.3. Soil Water (*green water*)	116.4						116.4			116.4
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0		0.1
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.1			0.1			0.1
	2. Use of water received from other economic units	63.3	0.0	0.0	0.1	6.1	0.0	69.5	5.9	0.0	75.4
	2.a. Reused water (from W-sanitation)	3.9	0.0				0.0	3.9			3.9
	2.b. Wastewater to sewerage					6.1		6.1			6.1
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.1		0.1
	2.d. from "W-Supply" (sww)	59.4	0.0				0.0	59.4	2.6		62.0
	2.e. from "W-Supply" (gww)		0.0				0.0	0.0	3.2		3.2
	2.f. from "W-Supply" (tts)	0.0	0.0				0.0	0.0	0.0		0.0
	2.g. from water transfer cannals and aqueducts (tts)				0.1			0.1			
	3. Total use of water (= 1 + 2)	244.2	0.2	944.0	74.6	6.1	0.0	1269.1	5.9	0.0	1275.1

B. Physical supply table (hm3/year)		Industries									
2009	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.2	0.0	65.3	6.1	0.0	6.4	5.9	0.1	12.4
	4.i. goes to Agriculture				59.4	3.9					
	4.ii. goes to Industry				0.0	0.0					
Within the economy	4.iV. goes to Services				0.0	0.0					
	4.V. goes to Households				5.9						
	4.a. Reused water					6.1		6.1			6.1
	4.b. Wastewater to sewerage		0.2	0.0			0.0	0.2	5.9		6.1
	4.c. Desalinated water				0.1			0.1			0.1
	5. Total returns (= 5.a + 5.b)	32.1	0.0	944.0	9.3	0.0	0.0	985.4	0.0		985.4
	Hydroelectric power generation			944.0				944.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	32.1	0.0		9.3	0.0	0.0	41.4	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	32.1	0.0	944.0	9.3	0.0	0.0	985.4	0.0		985.4
	5.a.1. Surface water		0.0	944.0				944.0			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	32.1			9.3	0.0	0.0	41.4	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	32.1	0.2	944.0	74.6	6.1	0.0	991.8	5.9		997.8
	7. Water consumption (= 3 - 6) of which	212.1	0.0	0.0	0.0	0.0	0.0	277.4	0.0		277.3
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2009	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.2		0.2			0.2
	Energy 35							0.0			0.0
	W-Supply 36	59.4	0.0				0.0	59.4	5.9		65.3
	W-Sanitation 37	3.9	0.0				0.0	3.9			3.9
	Services 38,39/45-99					0.0		0.0			0.0
	Total	63.3	0.0	0.0	0.0	0.2	0.0	63.5	5.9	0.0	69.4
Households						5.9		5.9			5.9
From other reference units					0.1			0.1			0.1
TOTAL		63.3	0.0	0.0	0.1	6.1	0.0	69.5	5.9	0.0	75.4

Physical Supply and Use Tables - Year 2009 - REWMU: II - Noroeste

A. Physical use table (hm3/year)		Industries									
2009	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	176.9	1.0	28.4	23.4	0.0	0.0	229.7	0.0		229.7
	1.a. Abstraction for own use	176.9	1.0	28.4	0.0	0.0	0.0	206.3			206.3
	Hydroelectric power generation			28.4				28.4			28.4
	Irrigation water	176.9						176.9			176.9
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		1.0	0.0				1.0			1.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	23.4	0.0	0.0	23.4			23.4
	1.i. Abstraction from inland water resources:	176.9	1.0	28.4	20.6	0.0	0.0	226.9	0.0		226.9
	1.i.1. Surface water			28.4	19.8			48.2			48.2
	1.i.2. Groundwater	20.3	1.0	0.0	0.8			22.1			22.1
	1.i.2a. Groundwater (renewable resources)	19.2									
	1.i.2b. Groundwater (non-renewable resources)	1.1									
	1.i.3. Soil Water (*green water*)	156.6						156.6			156.6
	1.ii. Abstraction from other sources	0.0	0.0	0.0	2.8	0.0	0.0	2.8	0.0		2.8
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	2.8			2.8			2.8
	2. Use of water received from other economic units	21.0	1.5	0.0	6.2	6.3	0.2	35.2	5.9	2.1	43.2
	2.a. Reused water (from W-sanitation)	2.7	0.0				0.0	2.7			2.7
	2.b. Wastewater to sewerage					6.3		6.3			6.3
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	2.8		2.8
	2.d. from "W-Supply" (sww)	15.8	0.5				0.1	16.4	0.8		17.2
	2.e. from "W-Supply" (gww)		0.0				0.0	0.0	0.7		0.7
	2.f. from "W-Supply" (tts)	2.5	1.0				0.1	3.5	1.6		5.2
	2.g. from water transfer cannals and aqueducts (tts)				6.2			6.2			
	3. Total use of water (= 1 + 2)	197.9	2.5	28.4	29.6	6.3	0.2	264.9	5.9	2.1	272.9

B. Physical supply table (hm3/year)		Industries									
2009	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	1.6	0.0	25.8	6.3	0.1	10.9	4.6	8.3	23.8
	4.i. goes to Agriculture				18.3	2.7					
	4.ii. goes to Industry				1.5	0.0					
Within the economy	4.iV. goes to Services				0.2	0.0					
	4.V. goes to Households				5.9						
	4.a. Reused water					6.3		6.3			6.3
	4.b. Wastewater to sewerage		1.6	0.0			0.1	1.8	4.6		6.3
	4.c. Desalinated water				2.8			2.8			2.8
	5. Total returns (= 5.a + 5.b)	11.8	0.5	28.4	3.8	0.0	0.0	44.5	0.0		44.5
	Hydroelectric power generation			28.4				28.4			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	11.8	0.0		3.8	0.0	0.0	15.6	0.0		
	Treated wastewater		0.5					0.5			
	Other							0.0			
	5.a. To inland water resources	11.8	0.5	28.4	3.8	0.0	0.0	44.5	0.0		44.5
	5.a.1. Surface water		0.5	28.4				28.9			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	11.8			3.8	0.0	0.0	15.6	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	11.8	2.2	28.4	29.6	6.3	0.1	55.5	4.6		68.3
	7. Water consumption (= 3 - 6) of which	186.1	0.3	0.0	0.0	0.0	0.0	209.5	1.4		204.6
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2009	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					1.6		1.6			1.6
	Energy 35							0.0			0.0
	W-Supply 36	18.3	1.5				0.2	19.9	5.9		25.8
	W-Sanitation 37	2.7	0.0				0.0	2.7			2.7
	Services 38,39/45-99					0.1		0.1			0.1
	Total	21.0	1.5	0.0	0.0	1.8	0.2	24.4	5.9	0.0	30.4
Households						4.6		4.6			4.6
From other reference units					6.2			6.2			6.2
TOTAL		21.0	1.5	0.0	6.2	6.3	0.2	35.2	5.9	0.0	41.2

Physical Supply and Use Tables - Year 2009 - REWMU: III - Guadalentín

A. Physical use table (hm3/year)		Industries									
2009	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	246.6	0.0	19.1	39.1	0.0	0.0	304.8	0.0		304.8
	1.a. Abstraction for own use	246.6	0.0	19.1	0.0	0.0	0.0	265.7			265.7
	Hydroelectric power generation			19.1				19.1			19.1
	Irrigation water	246.6						246.6			246.6
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.0	0.0				0.0			0.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	39.1	0.0	0.0	39.1			39.1
	1.i. Abstraction from inland water resources:	246.6	0.0	19.1	14.6	0.0	0.0	280.3	0.0		280.3
	1.i.1. Surface water			19.1	13.4			32.5			32.5
	1.i.2. Groundwater	118.4	0.0	0.0	1.2			119.6			119.6
	1.i.2a. Groundwater (renewable resources)	36.7									
	1.i.2b. Groundwater (non-renewable resources)	81.7									
	1.i.3. Soil Water (*green water*)	128.2						128.2			128.2
	1.ii. Abstraction from other sources	0.0	0.0	0.0	24.5	0.0	0.0	24.5	0.0		24.5
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	24.5			24.5			24.5
	2. Use of water received from other economic units	59.0	4.4	0.0	31.0	7.0	0.2	101.5	10.5	10.3	122.3
	2.a. Reused water (from W-sanitation)	7.0	0.0				0.0	7.0			7.0
	2.b. Wastewater to sewerage					7.0		7.0			7.0
Within the economy	2.c. Desalinated water (from W-Supply)	19.5	0.0					19.5	5.0		24.5
	2.d. from "W-Supply" (sww)	8.6	1.5				0.1	10.1	1.5		11.6
	2.e. from "W-Supply" (gww)		0.0				0.0	0.0	1.0		1.0
	2.f. from "W-Supply" (tts)	23.8	2.9				0.1	26.8	2.9		29.7
	2.g. from water transfer cannals and aqueducts (tts)				31.0			31.0			
	3. Total use of water (= 1 + 2)	305.5	4.4	19.1	70.1	7.0	0.2	406.3	10.5	10.3	427.1

B. Physical supply table (hm3/year)		Industries									
2009	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	2.0	0.0	66.9	7.0	0.1	33.7	4.9	41.3	79.9
	4.i. goes to Agriculture				51.9	7.0					
	4.ii. goes to Industry				4.4	0.0					
Within the economy	4.iV. goes to Services				0.2	0.0					
	4.V. goes to Households				10.5						
	4.a. Reused water					7.0		7.0			7.0
	4.b. Wastewater to sewerage		2.0	0.0			0.1	2.1	4.9		7.0
	4.c. Desalinated water				24.5			24.5			24.5
	5. Total returns (= 5.a + 5.b)	31.2	0.0	19.1	3.1	0.0	0.0	53.4	0.0		53.4
	Hydroelectric power generation			19.1				19.1			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	31.2	0.0		3.1	0.0	0.0	34.3	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	31.2	0.0	19.1	3.1	0.0	0.0	53.4	0.0		53.4
	5.a.1. Surface water		0.0	19.1				19.1			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	31.2			3.1	0.0	0.0	34.3	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	31.2	2.0	19.1	70.1	7.0	0.1	87.1	4.9		133.3
	7. Water consumption (= 3 - 6) of which	274.3	2.3	0.0	0.0	0.0	0.1	319.2	5.5		293.8
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2009	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					2.0		2.0			2.0
	Energy 35							0.0			0.0
	W-Supply 36	51.9	4.4				0.2	56.5	10.5		66.9
	W-Sanitation 37	7.0	0.0				0.0	7.0			7.0
	Services 38,39/45-99					0.1		0.1			0.1
	Total	59.0	4.4	0.0	0.0	2.1	0.2	65.6	10.5	0.0	76.1
Households						4.9		4.9			4.9
From other reference units					31.0			31.0			31.0
TOTAL		59.0	4.4	0.0	31.0	7.0	0.2	101.5	10.5	0.0	112.0

Physical Supply and Use Tables - Year 2009 - REWMU: IV - Vega

A. Physical use table (hm3/year)		Industries									
2009	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	297.1	7.2	1190.1	254.8	0.0	0.0	1749.2	0.0		1749.2
	1.a. Abstraction for own use	297.1	7.2	1190.1	0.0	0.0	0.0	1494.4			1494.4
	Hydroelectric power generation			1190.1				1190.1			1190.1
	Irrigation water	297.1						297.1			297.1
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		7.2	0.0				7.2			7.2
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	254.8	0.0	0.0	254.8			254.8
	1.i. Abstraction from inland water resources:	297.1	7.2	1190.1	221.7	0.0	0.0	1716.1	0.0		1716.1
	1.i.1. Surface water			1190.1	221.7			1411.7			1411.7
	1.i.2. Groundwater	59.1	7.2	0.0	0.0			66.3			66.3
	1.i.2a. Groundwater (renewable resources)	33.8									
	1.i.2b. Groundwater (non-renewable resources)	25.3									
	1.i.3. Soil Water (*green water*)	238.0						238.0			238.0
	1.ii. Abstraction from other sources	0.0	0.0	0.0	33.1	0.0	0.0	33.1	0.0		33.1
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	33.1			33.1			33.1
	2. Use of water received from other economic units	275.4	10.5	0.0	85.9	82.2	3.9	457.9	66.1	28.7	552.7
	2.a. Reused water (from W-sanitation)	55.9	0.0				1.9	57.8			57.8
	2.b. Wastewater to sewerage					82.2		82.2			82.2
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	33.1		33.1
	2.d. from "W-Supply" (sww)	172.0	5.8				0.7	178.5	13.7		192.2
	2.e. from "W-Supply" (gww)		0.0				0.0	0.0	0.0		0.0
	2.f. from "W-Supply" (tts)	47.5	4.7				1.3	53.5	19.3		72.8
	2.g. from water transfer cannals and aqueducts (tts)				85.9			85.9			
	3. Total use of water (= 1 + 2)	572.5	17.7	1190.1	340.7	82.2	3.9	2207.1	66.1	28.7	2301.9

B. Physical supply table (hm3/year)		Industries									
2009	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	17.1	0.0	298.1	82.2	2.0	134.4	63.1	114.6	312.1
	4.i. goes to Agriculture				219.5	55.9					
	4.ii. goes to Industry				10.5	0.0					
Within the economy	4.iV. goes to Services				1.9	1.9					
	4.V. goes to Households				66.1						
	4.a. Reused water					82.2		82.2			82.2
	4.b. Wastewater to sewerage		17.1	0.0			2.0	19.1	63.1		82.2
	4.c. Desalinated water				33.1			33.1			33.1
	5. Total returns (= 5.a + 5.b)	83.9	0.6	1190.1	42.6	0.0	0.2	1317.4	0.0		1317.4
	Hydroelectric power generation			1190.1				1190.1			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	83.9	0.0		42.6	0.0	0.2	126.7	0.0		
	Treated wastewater		0.6					0.6			
	Other							0.0			
	5.a. To inland water resources	83.9	0.6	1190.1	42.6	0.0	0.2	1317.4	0.0		1317.4
	5.a.1. Surface water		0.6	1190.1				1190.7			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	83.9			42.6	0.0	0.2	126.7	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	83.9	17.7	1190.1	340.7	82.2	2.1	1451.8	63.1		1629.5
	7. Water consumption (= 3 - 6) of which	488.6	0.0	0.0	0.0	0.0	1.7	755.3	3.0		672.4
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2009	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					17.1		17.1			17.1
	Energy 35							0.0			0.0
	W-Supply 36	219.5	10.5				1.9	232.0	66.1		298.1
	W-Sanitation 37	55.9	0.0				1.9	57.8			57.8
	Services 38,39/45-99					2.0		2.0			2.0
	Total	275.4	10.5	0.0	0.0	19.1	3.9	308.9	66.1	0.0	375.0
Households						63.1		63.1			63.1
From other reference units					85.9			85.9			85.9
TOTAL		275.4	10.5	0.0	85.9	82.2	3.9	457.9	66.1	0.0	524.0

Physical Supply and Use Tables - Year 2009 - REWMU: V - Noreste

A. Physical use table (hm3/year)		Industries									
2009	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	268.2	0.8	0.0	45.8	0.0	0.0	314.7	0.0		314.7
	1.a. Abstraction for own use	268.2	0.8	0.0	0.0	0.0	0.0	268.9			268.9
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	268.2						268.2			268.2
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.8	0.0				0.8			0.8
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	45.8	0.0	0.0	45.8			45.8
	1.i. Abstraction from inland water resources:	268.2	0.8	0.0	45.3	0.0	0.0	314.2	0.0		314.2
	1.i.1. Surface water			0.0	41.0			41.0			41.0
	1.i.2. Groundwater	89.7	0.8	0.0	4.3			94.8			94.8
	1.i.2a. Groundwater (renewable resources)	22.9									
	1.i.2b. Groundwater (non-renewable resources)	66.9									
	1.i.3. Soil Water (*green water*)	178.4						178.4			178.4
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.0		0.5
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.5			0.5			0.5
	2. Use of water received from other economic units	41.3	0.4	0.0	0.8	5.5	0.1	48.1	4.6	0.3	53.0
	2.a. Reused water (from W-sanitation)	4.1	0.0				0.0	4.1			4.1
	2.b. Wastewater to sewerage					5.5		5.5			5.5
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.5		0.5
	2.d. from "W-Supply" (sww)	37.2	0.1				0.0	37.4	0.2		37.5
	2.e. from "W-Supply" (gww)		0.0				0.0	0.0	3.6		3.6
	2.f. from "W-Supply" (tts)	0.0	0.2				0.1	0.3	0.3		0.6
	2.g. from water transfer cannals and aqueducts (tts)				0.8			0.8			
	3. Total use of water (= 1 + 2)	309.5	1.1	0.0	46.6	5.5	0.1	362.9	4.6	0.3	367.8

B. Physical supply table (hm3/year)		Industries									
2009	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.9	0.0	42.3	5.5	0.1	7.1	4.5	1.1	12.7
	4.i. goes to Agriculture				37.2	4.1					
	4.ii. goes to Industry				0.4	0.0					
Within the economy	4.iV. goes to Services				0.1	0.0					
	4.V. goes to Households				4.6						
	4.a. Reused water					5.5		5.5			5.5
	4.b. Wastewater to sewerage		0.9	0.0			0.1	1.0	4.5		5.5
	4.c. Desalinated water				0.5			0.5			0.5
	5. Total returns (= 5.a + 5.b)	17.7	0.2	0.0	4.4	0.0	0.0	22.2	0.0		22.2
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	17.7	0.0		4.4	0.0	0.0	22.0	0.0		
	Treated wastewater		0.2					0.2			
	Other							0.0			
	5.a. To inland water resources	17.7	0.2	0.0	4.4	0.0	0.0	22.2	0.0		22.2
	5.a.1. Surface water		0.2	0.0				0.2			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	17.7			4.4	0.0	0.0	22.0	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	17.7	1.1	0.0	46.6	5.5	0.1	29.3	4.5		34.9
	7. Water consumption (= 3 - 6) of which	291.8	0.0	0.0	0.0	0.0	0.0	333.6	0.1		332.8
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2009	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.9		0.9			0.9
	Energy 35							0.0			0.0
	W-Supply 36	37.2	0.4				0.1	37.7	4.6		42.3
	W-Sanitation 37	4.1	0.0				0.0	4.1			4.1
	Services 38,39/45-99					0.1		0.1			0.1
	Total	41.3	0.4	0.0	0.0	1.0	0.1	42.8	4.6	0.0	47.4
Households						4.5		4.5			4.5
From other reference units					0.8			0.8			0.8
TOTAL		41.3	0.4	0.0	0.8	5.5	0.1	48.1	4.6	0.0	52.7

Physical Supply and Use Tables - Year 2009 - REWMU: VI - Sur Costa

A. Physical use table (hm3/year)		Industries									
2009	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	81.0	0.0	0.0	9.0	0.0	0.0	90.0	0.0		90.0
	1.a. Abstraction for own use	81.0	0.0	0.0	0.0	0.0	0.0	81.0			81.0
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	81.0						81.0			81.0
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.0	0.0				0.0			0.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	9.0	0.0	0.0	9.0			9.0
	1.i. Abstraction from inland water resources:	66.0	0.0	0.0	6.3	0.0	0.0	72.3	0.0		72.3
	1.i.1. Surface water			0.0	5.4			5.4			5.4
	1.i.2. Groundwater	29.2	0.0	0.0	0.8			30.0			30.0
	1.i.2a. Groundwater (renewable resources)	8.0									
	1.i.2b. Groundwater (non-renewable resources)	21.2									
	1.i.3. Soil Water (*green water*)	36.9						36.9			36.9
	1.ii. Abstraction from other sources	15.0	0.0	0.0	2.7	0.0	0.0	17.7	0.0		17.7
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	15.0		0.0	2.7			17.7			17.7
	2. Use of water received from other economic units	26.0	0.5	0.0	23.4	5.2	0.9	56.0	5.8	7.8	69.6
	2.a. Reused water (from W-sanitation)	2.0	0.0				0.4	2.4			2.4
	2.b. Wastewater to sewerage					5.2		5.2			5.2
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	2.7		2.7
	2.d. from "W-Supply" (sww)	3.6	0.2				0.2	3.9	0.8		4.7
	2.e. from "W-Supply" (gww)		0.0				0.0	0.0	0.7		0.7
	2.f. from "W-Supply" (tts)	20.5	0.3				0.4	21.1	1.6		22.7
	2.g. from water transfer cannals and aqueducts (tts)				23.4			23.4			
	3. Total use of water (= 1 + 2)	107.0	0.5	0.0	32.4	5.2	0.9	146.0	5.8	7.8	159.7

B. Physical supply table (hm3/year)		Industries									
2009	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.4	0.0	30.9	2.1	0.4	5.6	4.5	31.2	41.3
	4.i. goes to Agriculture				24.0	2.0					
	4.ii. goes to Industry				0.5	0.0					
Within the economy	4.iV. goes to Services				0.5	0.4					
	4.V. goes to Households				5.8						
	4.a. Reused water					2.1		2.1			2.1
	4.b. Wastewater to sewerage		0.4	0.0			0.4	0.8	4.5		5.2
	4.c. Desalinated water				2.7			2.7			2.7
	5. Total returns (= 5.a + 5.b)	7.1	0.0	0.0	1.5	3.1	0.0	11.7	0.0		11.7
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	7.1	0.0		1.5	0.0	0.0	8.6	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	7.1	0.0	0.0	1.5	0.0	0.0	8.6	0.0		8.6
	5.a.1. Surface water		0.0	0.0				0.0			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	7.1			1.5	0.0	0.0	8.6	0.0		
	5.b. To other sources (e.g., sea water)			0.0		3.1		3.1			3.1
	6. Total supply of water (= 4 + 5)	7.1	0.4	0.0	32.4	5.2	0.5	17.3	4.5		53.0
	7. Water consumption (= 3 - 6) of which	100.0	0.1	0.0	0.0	0.0	0.5	128.7	1.4		106.7
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2009	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.4		0.4			0.4
	Energy 35							0.0			0.0
	W-Supply 36	24.0	0.5				0.5	25.1	5.8		30.9
	W-Sanitation 37	2.0	0.0				0.4	2.4			2.4
	Services 38,39/45-99					0.4		0.4			0.4
	Total	26.0	0.5	0.0	0.0	0.8	0.9	28.2	5.8	0.0	34.0
Households						4.5		4.5			4.5
From other reference units					23.4			23.4			23.4
TOTAL		26.0	0.5	0.0	23.4	5.2	0.9	56.0	5.8	0.0	61.8

Physical Supply and Use Tables - Year 2009 - REWMU: VII - Campo Cartagena

A. Physical use table (hm3/year)		Industries									
2009	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	176.6	0.2	187.2	23.5	0.0	0.0	387.6	0.0		387.6
	1.a. Abstraction for own use	176.6	0.2	187.2	0.0	0.0	0.0	364.0			364.0
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	176.6						176.6			176.6
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			185.2				185.2			185.2
	Other (livestock, aquaculture, ...)		0.2	2.1				2.3			2.3
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	23.5	0.0	0.0	23.5			23.5
	1.i. Abstraction from inland water resources:	174.6	0.2	2.1	10.9	0.0	0.0	187.8	0.0		187.8
	1.i.1. Surface water			0.0	10.9			10.9			10.9
	1.i.2. Groundwater	102.4	0.2	2.1	0.0			104.6			104.6
	1.i.2a. Groundwater (renewable resources)	86.1									
	1.i.2b. Groundwater (non-renewable resources)	16.3									
	1.i.3. Soil Water (*green water*)	72.2						72.2			72.2
	1.ii. Abstraction from other sources	2.0	0.0	185.2	12.7	0.0	0.0	199.8	0.0		199.8
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea*	2.0		185.2	12.7			199.8			199.8
	2. Use of water received from other economic units	60.7	12.1	0.0	61.7	24.8	5.7	165.0	19.1	20.6	204.7
	2.a. Reused water (from W-sanitation)	13.5	0.0				2.7	16.2			16.2
	2.b. Wastewater to sewerage					24.8		24.8			24.8
Within the economy	2.c. Desalinated water (from W-Supply)	2.5	0.0					2.5	10.2		12.7
	2.d. from "W-Supply" (sww)	1.2	4.1				1.0	6.3	3.0		9.3
	2.e. from "W-Supply" (gww)		0.0				0.0	0.0	0.0		0.0
	2.f. from "W-Supply" (tts)	43.5	8.1				2.0	53.5	5.9		59.4
	2.g. from water transfer cannals and aqueducts (tts)				61.7			61.7			
	3. Total use of water (= 1 + 2)	237.3	12.3	187.2	85.2	24.8	5.7	552.6	19.1	20.6	592.3

B. Physical supply table (hm3/year)		Industries									
2009	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	8.7	0.0	81.4	16.8	2.6	40.7	13.5	82.3	136.5
	4.i. goes to Agriculture				47.2	13.5					
	4.ii. goes to Industry				12.1	0.0					
Within the economy	4.iV. goes to Services				3.0	2.7					
	4.V. goes to Households				19.1						
	4.a. Reused water					16.8		16.8			16.8
	4.b. Wastewater to sewerage		8.7	0.0			2.6	11.3	13.5		24.8
	4.c. Desalinated water				12.7			12.7			12.7
	5. Total returns (= 5.a + 5.b)	16.6	0.1	185.2	3.8	8.0	0.3	213.9	0.0		213.9
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			185.2				185.2			
Into the environment	*Losses in distribution because of leakages*	16.6	0.0		3.8	0.0	0.3	20.7	0.0		
	Treated wastewater		0.1					0.1			
	Other							0.0			
	5.a. To inland water resources	16.6	0.1	0.0	3.8	0.0	0.3	20.8	0.0		20.8
	5.a.1. Surface water		0.1	0.0				0.1			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	16.6			3.8	0.0	0.3	20.7	0.0		
	5.b. To other sources (e.g., sea water)			185.2		8.0		193.2			193.2
	6. Total supply of water (= 4 + 5)	16.6	8.8	185.2	85.2	24.8	2.8	254.7	13.5		350.5
	7. Water consumption (= 3 - 6) of which	220.7	3.5	2.1	0.0	0.0	2.9	297.9	5.5		241.8
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2009	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					8.7		8.7			8.7
	Energy 35							0.0			0.0
	W-Supply 36	47.2	12.1				3.0	62.3	19.1		81.4
	W-Sanitation 37	13.5	0.0				2.7	16.2			16.2
	Services 38,39/45-99					2.6		2.6			2.6
	Total	60.7	12.1	0.0	0.0	11.3	5.7	89.8	19.1	0.0	108.9
Households						13.5		13.5			13.5
From other reference units					61.7			61.7			61.7
TOTAL		60.7	12.1	0.0	61.7	24.8	5.7	165.0	19.1	0.0	184.1

* Desalination of brackish groundwater

Physical Supply and Use Tables - Year 2010 - REWMU: X - Segura River Basin

A. Physical use table (hm3/year)		Industries									
2010	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	1380.5	11.5	1493.3	599.5	0.0	0.0	3484.8	0.0		3484.8
	1.a. Abstraction for own use	1380.5	11.5	1493.3	0.0	0.0	0.0	2885.3			2885.3
	Hydroelectric power generation			1370.2				1370.2			1370.2
	Irrigation water	1380.5						1380.5			1380.5
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			121.0				121.0			121.0
	Other (livestock, aquaculture, ...)		11.5	2.1				13.6			13.6
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	599.5	0.0	0.0	599.5			599.5
	1.i. Abstraction from inland water resources:	1363.5	11.5	1372.3	535.6	0.0	0.0	3282.9	0.0		3282.9
	1.i.1. Surface water			1370.2	514.7			1884.9			1884.9
	1.i.2. Groundwater	462.8	11.5	2.1	20.9			497.3			497.3
	1.i.2a. Groundwater (renewable resources)	219.5									
	1.i.2b. Groundwater (non-renewable resources)	243.2									
	1.i.3. Soil Water (*green water*)	900.7						900.7			900.7
	1.ii. Abstraction from other sources	17.0	0.0	121.0	63.9	0.0	0.0	201.9	0.0		201.9
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	17.0		121.0	63.9			201.9			201.9
	2. Use of water received from other economic units	698.0	19.7	0.0	293.2	145.8	10.8	1167.5	126.4	67.1	1361.0
	2.a. Reused water (from W-sanitation)	90.2	0.0				5.1	95.3			95.3
	2.b. Wastewater to sewerage					145.8		145.8			145.8
Within the economy	2.c. Desalinated water (from W-Supply)	22.0	0.0					22.0	41.9		63.9
	2.d. from "W-Supply" (sww)	407.7	8.0				2.3	418.0	34.0		452.0
	2.e. from "W-Supply" (gww)		0.0				0.0	0.0	15.1		15.1
	2.f. from "W-Supply" (tts)	178.1	11.7				3.4	193.2	35.4		228.7
	2.g. from water transfer cannals and aqueducts (tts)				293.2			293.2			
	3. Total use of water (= 1 + 2)	2078.5	31.2	1493.3	892.7	145.8	10.8	4652.3	126.4	67.1	4845.8

B. Physical supply table (hm3/year)		Industries									
2010	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	26.0	0.0	759.7	134.2	5.5	229.5	114.4	360.3	704.2
	4.i. goes to Agriculture				607.8	90.2					
	4.ii. goes to Industry				19.7	0.0					
Within the economy	4.iV. goes to Services				5.7	5.1					
	4.V. goes to Households				126.4						
	4.a. Reused water					134.2		134.2			134.2
	4.b. Wastewater to sewerage		26.0	0.0			5.5	31.4	114.4		145.8
	4.c. Desalinated water				63.9			63.9			63.9
	5. Total returns (= 5.a + 5.b)	227.8	3.1	1491.2	133.0	11.6	0.5	1867.1	0.0		1867.1
	Hydroelectric power generation			1370.2				1370.2			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			121.0				121.0			
Into the environment	*Losses in distribution because of leakages*	227.8	0.0		133.0	0.0	0.5	361.3	0.0		
	Treated wastewater		3.1					3.1			
	Other							0.0			
	5.a. To inland water resources	227.8	3.1	1370.2	133.0	0.0	0.5	1734.6	0.0		1734.6
	5.a.1. Surface water		3.1	1370.2				1373.3			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	227.8			133.0	0.0	0.5	361.3	0.0		
	5.b. To other sources (e.g., sea water)			121.0		11.6		132.6			132.6
	6. Total supply of water (= 4 + 5)	227.8	29.1	1491.2	892.7	145.8	6.0	2096.7	114.4		2571.3
	7. Water consumption (= 3 - 6) of which	1850.7	2.1	2.1	0.0	0.0	4.8	2555.6	12.1		2274.5
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2010	X - Demarcacion Segura	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					26.0		26.0			26.0
	Energy 35							0.0			0.0
	W-Supply 36	607.8	19.7				5.7	633.2	126.4		759.7
	W-Sanitation 37	90.2	0.0				5.1	95.3			95.3
	Services 38,39/45-99					5.5		5.5			5.5
	Total	698.0	19.7	0.0	0.0	31.4	10.8	759.9	126.4	0.0	886.4
Households						114.4		114.4			114.4
From other reference units					293.2			293.2			293.2
TOTAL		698.0	19.7	0.0	293.2	145.8	10.8	1167.5	126.4	0.0	1293.9

Physical Supply and Use Tables - Year 2010 - REWMU: I - Cabecera

A. Physical use table (hm3/year)		Industries									
2010	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	179.7	0.2	1086.9	99.5	0.0	0.0	1366.2	0.0		1366.2
	1.a. Abstraction for own use	179.7	0.2	1086.9	0.0	0.0	0.0	1266.8			1266.8
	Hydroelectric power generation			1086.9				1086.9			1086.9
	Irrigation water	179.7						179.7			179.7
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.2	0.0				0.2			0.2
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	99.5	0.0	0.0	99.5			99.5
	1.i. Abstraction from inland water resources:	179.7	0.2	1086.9	99.5	0.0	0.0	1366.2	0.0		1366.2
	1.i.1. Surface water			1086.9	95.2			1182.1			1182.1
	1.i.2. Groundwater	64.1	0.2	0.0	4.2			68.6			68.6
	1.i.2a. Groundwater (renewable resources)	24.6									
	1.i.2b. Groundwater (non-renewable resources)	39.5									
	1.i.3. Soil Water (*green water*)	115.6						115.6			115.6
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.0			0.0			0.0
	2. Use of water received from other economic units	85.2	0.0	0.0	0.0	6.2	0.0	91.4	6.0	0.0	97.4
	2.a. Reused water (from W-sanitation)	3.9	0.0				0.0	3.9			3.9
	2.b. Wastewater to sewerage					6.2		6.2			6.2
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.0		0.0
	2.d. from "W-Supply" (sww)	81.3	0.0				0.0	81.3	2.6		84.0
	2.e. from "W-Supply" (gww)		0.0				0.0	0.0	3.3		3.3
	2.f. from "W-Supply" (tts)	0.0	0.0				0.0	0.0	0.0		0.0
	2.g. from water transfer cannals and aqueducts (tts)				0.0			0.0			
	3. Total use of water (= 1 + 2)	264.9	0.2	1086.9	99.5	6.2	0.0	1457.7	6.0	0.0	1463.7

B. Physical supply table (hm3/year)		Industries									
2010	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.2	0.0	87.3	6.2	0.0	6.5	6.0	0.0	12.5
	4.i. goes to Agriculture				81.3	3.9					
	4.ii. goes to Industry				0.0	0.0					
Within the economy	4.iV. goes to Services				0.0	0.0					
	4.V. goes to Households				6.0						
	4.a. Reused water					6.2		6.2			6.2
	4.b. Wastewater to sewerage		0.2	0.0			0.0	0.2	6.0		6.2
	4.c. Desalinated water				0.0			0.0			0.0
	5. Total returns (= 5.a + 5.b)	38.2	0.0	1086.9	12.2	0.0	0.0	1137.2	0.0		1137.2
	Hydroelectric power generation			1086.9				1086.9			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	38.2	0.0		12.2	0.0	0.0	50.4	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	38.2	0.0	1086.9	12.2	0.0	0.0	1137.2	0.0		1137.2
	5.a.1. Surface water		0.0	1086.9				1086.9			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	38.2			12.2	0.0	0.0	50.4	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	38.2	0.2	1086.9	99.5	6.2	0.0	1143.7	6.0		1149.7
	7. Water consumption (= 3 - 6) of which	226.7	0.0	0.0	0.0	0.0	0.0	314.0	0.0		314.0
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2010	I - Cabecera	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.2		0.2			0.2
	Energy 35							0.0			0.0
	W-Supply 36	81.3	0.0				0.0	81.3	6.0		87.3
	W-Sanitation 37	3.9	0.0				0.0	3.9			3.9
	Services 38,39/45-99					0.0		0.0			0.0
	Total	85.2	0.0	0.0	0.0	0.2	0.0	85.4	6.0	0.0	91.4
Households						6.0		6.0			6.0
From other reference units					0.0			0.0			0.0
TOTAL		85.2	0.0	0.0	0.0	6.2	0.0	91.4	6.0	0.0	97.4

Physical Supply and Use Tables - Year 2010 - REWMU: II - Noroeste

A. Physical use table (hm3/year)		Industries							Households	By other reference units (export of water)	TOTAL
2010	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	171.3	1.0	32.7	29.7	0.0	0.0	234.8	0.0		234.8
	1.a. Abstraction for own use	171.3	1.0	32.7	0.0	0.0	0.0	205.1			205.1
	Hydroelectric power generation			32.7				32.7			32.7
	Irrigation water	171.3						171.3			171.3
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		1.0	0.0				1.0			1.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	29.7	0.0	0.0	29.7			29.7
	1.i. Abstraction from inland water resources:	171.3	1.0	32.7	27.6	0.0	0.0	232.6	0.0		232.6
	1.i.1. Surface water			32.7	26.7			59.4			59.4
	1.i.2. Groundwater	20.3	1.0	0.0	0.8			22.1			22.1
	1.i.2a. Groundwater (renewable resources)	19.2									
	1.i.2b. Groundwater (non-renewable resources)	1.1									
	1.i.3. Soil Water (*green water*)	151.1						151.1			151.1
	1.ii. Abstraction from other sources	0.0	0.0	0.0	2.2	0.0	0.0	2.2	0.0		2.2
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	2.2			2.2			2.2
	2. Use of water received from other economic units	25.6	0.8	0.0	5.5	6.0	0.2	38.0	6.0	1.2	45.2
	2.a. Reused water (from W-sanitation)	2.8	0.0				0.0	2.8			2.8
	2.b. Wastewater to sewerage					6.0		6.0			6.0
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	2.2		2.2
	2.d. from "W-Supply" (sww)	21.6	0.3				0.1	22.0	1.2		23.3
	2.e. from "W-Supply" (gww)		0.0				0.0	0.0	0.7		0.7
	2.f. from "W-Supply" (tts)	1.2	0.5				0.1	1.8	1.8		3.6
	2.g. from water transfer cannals and aqueducts (tts)				5.5			5.5			
	3. Total use of water (= 1 + 2)	196.9	1.8	32.7	35.2	6.0	0.2	272.8	6.0	1.2	280.0

B. Physical supply table (hm3/year)		Industries							Households	By other reference units (import of water)	TOTAL
2010	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	4. Supply of water to other economic units of which:	0.0	1.1	0.0	29.8	6.0	0.1	9.4	4.7	6.7	20.8
	4.i. goes to Agriculture				22.8	2.8					
	4.ii. goes to Industry				0.8	0.0					
Within the economy	4.iV. goes to Services				0.2	0.0					
	4.V. goes to Households				6.0						
	4.a. Reused water					6.0		6.0			6.0
	4.b. Wastewater to sewerage		1.1	0.0			0.1	1.3	4.7		6.0
	4.c. Desalinated water				2.2			2.2			2.2
	5. Total returns (= 5.a + 5.b)	12.7	0.5	32.7	5.4	0.0	0.0	51.4	0.0		51.4
	Hydroelectric power generation			32.7				32.7			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	12.7	0.0		5.4	0.0	0.0	18.1	0.0		
	Treated wastewater		0.5					0.5			
	Other							0.0			
	5.a. To inland water resources	12.7	0.5	32.7	5.4	0.0	0.0	51.4	0.0		51.4
	5.a.1. Surface water		0.5	32.7				33.2			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	12.7			5.4	0.0	0.0	18.1	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	12.7	1.7	32.7	35.2	6.0	0.1	60.8	4.7		72.1
	7. Water consumption (= 3 - 6) of which	184.2	0.2	0.0	0.0	0.0	0.0	212.0	1.3		207.9
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries							Households	To other reference units	Total
2010	II - Noroeste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					1.1		1.1			1.1
	Energy 35							0.0			0.0
	W-Supply 36	22.8	0.8				0.2	23.8	6.0		29.8
	W-Sanitation 37	2.8	0.0				0.0	2.8			2.8
	Services 38,39/45-99					0.1		0.1			0.1
	Total	25.6	0.8	0.0	0.0	1.3	0.2	27.9	6.0	0.0	33.8
Households						4.7		4.7			4.7
From other reference units					5.5			5.5			5.5
TOTAL		25.6	0.8	0.0	5.5	6.0	0.2	38.0	6.0	0.0	44.0

Physical Supply and Use Tables - Year 2010 - REWMU: III - Guadalentín

A. Physical use table (hm3/year)		Industries							Households	By other reference units (export of water)	TOTAL
2010	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	247.5	0.0	22.0	42.4	0.0	0.0	311.8	0.0		311.8
	1.a. Abstraction for own use	247.5	0.0	22.0	0.0	0.0	0.0	269.5			269.5
	Hydroelectric power generation			22.0				22.0			22.0
	Irrigation water	247.5						247.5			247.5
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.0	0.0				0.0			0.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	42.4	0.0	0.0	42.4			42.4
	1.i. Abstraction from inland water resources:	247.5	0.0	22.0	18.9	0.0	0.0	288.4	0.0		288.4
	1.i.1. Surface water			22.0	17.7			39.7			39.7
	1.i.2. Groundwater	118.4	0.0	0.0	1.2			119.6			119.6
	1.i.2a. Groundwater (renewable resources)	36.7									
	1.i.2b. Groundwater (non-renewable resources)	81.7									
	1.i.3. Soil Water (*green water*)	129.0						129.0			129.0
	1.ii. Abstraction from other sources	0.0	0.0	0.0	23.4	0.0	0.0	23.4	0.0		23.4
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	23.4			23.4			23.4
	2. Use of water received from other economic units	77.0	3.2	0.0	53.7	7.4	0.2	141.4	10.5	12.3	164.2
	2.a. Reused water (from W-sanitation)	7.4	0.0				0.0	7.4			7.4
	2.b. Wastewater to sewerage					7.4		7.4			7.4
Within the economy	2.c. Desalinated water (from W-Supply)	19.5	0.0					19.5	3.9		23.4
	2.d. from "W-Supply" (sww)	11.8	1.3				0.1	13.2	2.3		15.4
	2.e. from "W-Supply" (gww)		0.0				0.0	0.0	1.0		1.0
	2.f. from "W-Supply" (tts)	38.3	1.9				0.1	40.3	3.3		43.7
	2.g. from water transfer cannals and aqueducts (tts)				53.7			53.7			
	3. Total use of water (= 1 + 2)	324.4	3.2	22.0	96.1	7.4	0.2	453.2	10.5	12.3	476.1

B. Physical supply table (hm3/year)		Industries							Households	By other reference units (import of water)	TOTAL
2010	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
	4. Supply of water to other economic units of which:	0.0	1.7	0.0	83.5	7.4	0.1	32.6	5.6	66.0	104.2
	4.i. goes to Agriculture				69.6	7.4					
	4.ii. goes to Industry				3.2	0.0					
Within the economy	4.iV. goes to Services				0.2	0.0					
	4.V. goes to Households				10.5						
	4.a. Reused water					7.4		7.4			7.4
	4.b. Wastewater to sewerage		1.7	0.0			0.1	1.8	5.6		7.4
	4.c. Desalinated water				23.4			23.4			23.4
	5. Total returns (= 5.a + 5.b)	34.2	0.0	22.0	12.5	0.0	0.0	68.7	0.0		68.7
	Hydroelectric power generation			22.0				22.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	34.2	0.0		12.5	0.0	0.0	46.7	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	34.2	0.0	22.0	12.5	0.0	0.0	68.7	0.0		68.7
	5.a.1. Surface water		0.0	22.0				22.0			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	34.2			12.5	0.0	0.0	46.7	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	34.2	1.7	22.0	96.1	7.4	0.1	101.3	5.6		172.9
	7. Water consumption (= 3 - 6) of which	290.2	1.5	0.0	0.0	0.0	0.1	351.9	5.0		303.2
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries							Households	To other reference units	Total
2010	III - Guadalentín	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total			
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					1.7		1.7			1.7
	Energy 35							0.0			0.0
	W-Supply 36	69.6	3.2				0.2	73.0	10.5		83.5
	W-Sanitation 37	7.4	0.0				0.0	7.4			7.4
	Services 38,39/45-99					0.1		0.1			0.1
	Total	77.0	3.2	0.0	0.0	1.8	0.2	82.1	10.5	0.0	92.7
Households						5.6		5.6			5.6
From other reference units					53.7			53.7			53.7
TOTAL		77.0	3.2	0.0	53.7	7.4	0.2	141.4	10.5	0.0	152.0

Physical Supply and Use Tables - Year 2010 - REWMU: IV - Vega

A. Physical use table (hm3/year)		Industries									
2010	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	260.7	9.3	1370.2	332.3	0.0	0.0	1972.5	0.0		1972.5
	1.a. Abstraction for own use	260.7	9.3	1370.2	0.0	0.0	0.0	1640.2			1640.2
	Hydroelectric power generation			1370.2				1370.2			1370.2
	Irrigation water	260.7						260.7			260.7
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		9.3	0.0				9.3			9.3
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	332.3	0.0	0.0	332.3			332.3
	1.i. Abstraction from inland water resources:	260.7	9.3	1370.2	307.1	0.0	0.0	1947.3	0.0		1947.3
	1.i.1. Surface water			1370.2	297.6			1667.8			1667.8
	1.i.2. Groundwater	38.9	9.3	0.0	9.4			57.6			57.6
	1.i.2a. Groundwater (renewable resources)	22.2									
	1.i.2b. Groundwater (non-renewable resources)	16.6									
	1.i.3. Soil Water (*green water*)	221.8						221.8			221.8
	1.ii. Abstraction from other sources	0.0	0.0	0.0	25.2	0.0	0.0	25.2	0.0		25.2
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	25.2			25.2			25.2
	2. Use of water received from other economic units	348.9	4.2	0.0	110.6	89.5	3.6	556.7	74.1	25.3	656.2
	2.a. Reused water (from W-sanitation)	56.4	0.0				1.9	58.3			58.3
	2.b. Wastewater to sewerage					89.5		89.5			89.5
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	25.2		25.2
	2.d. from "W-Supply" (sww)	235.5	1.7				0.7	237.9	21.8		259.7
	2.e. from "W-Supply" (gww)		0.0				0.0	0.0	5.8		5.8
	2.f. from "W-Supply" (tts)	57.0	2.5				1.0	60.4	21.3		81.7
	2.g. from water transfer cannals and aqueducts (tts)				110.6			110.6			
	3. Total use of water (= 1 + 2)	609.6	13.5	1370.2	442.9	89.5	3.6	2529.2	74.1	25.3	2628.6

B. Physical supply table (hm3/year)		Industries									
2010	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	13.5	0.0	372.4	89.5	1.9	130.1	74.1	135.9	340.2
	4.i. goes to Agriculture				292.5	56.4					
	4.ii. goes to Industry				4.2	0.0					
Within the economy	4.iV. goes to Services				1.6	1.9					
	4.V. goes to Households				74.1						
	4.a. Reused water					89.5		89.5			89.5
	4.b. Wastewater to sewerage		13.5	0.0			1.9	15.4	74.1		89.5
	4.c. Desalinated water				25.2			25.2			25.2
	5. Total returns (= 5.a + 5.b)	97.1	0.0	1370.2	70.5	0.0	0.2	1538.0	0.0		1538.0
	Hydroelectric power generation			1370.2				1370.2			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	97.1	0.0		70.5	0.0	0.2	167.8	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	97.1	0.0	1370.2	70.5	0.0	0.2	1538.0	0.0		1538.0
	5.a.1. Surface water		0.0	1370.2				1370.1			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	97.1			70.5	0.0	0.2	167.8	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	97.1	13.5	1370.2	442.9	89.5	2.1	1668.1	74.1		1878.1
	7. Water consumption (= 3 - 6) of which	512.5	0.0	0.0	0.0	0.0	1.5	861.1	0.0		750.5
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2010	IV - Vega	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					13.5		13.5			13.5
	Energy 35							0.0			0.0
	W-Supply 36	292.5	4.2				1.6	298.3	74.1		372.4
	W-Sanitation 37	56.4	0.0				1.9	58.3			58.3
	Services 38,39/45-99					1.9		1.9			1.9
	Total	348.9	4.2	0.0	0.0	15.4	3.6	372.0	74.1	0.0	446.1
Households						74.1		74.1			74.1
From other reference units					110.6			110.6			110.6
TOTAL		348.9	4.2	0.0	110.6	89.5	3.6	556.7	74.1	0.0	630.8

Physical Supply and Use Tables - Year 2010 - REWMU: V - Noreste

A. Physical use table (hm3/year)		Industries									
2010	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	265.0	0.8	0.0	60.8	0.0	0.0	326.6	0.0		326.6
	1.a. Abstraction for own use	265.0	0.8	0.0	0.0	0.0	0.0	265.8			265.8
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	265.0						265.0			265.0
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.8	0.0				0.8			0.8
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	60.8	0.0	0.0	60.8			60.8
	1.i. Abstraction from inland water resources:	265.0	0.8	0.0	60.4	0.0	0.0	326.2	0.0		326.2
	1.i.1. Surface water			0.0	56.1			56.1			56.1
	1.i.2. Groundwater	89.7	0.8	0.0	4.3			94.8			94.8
	1.i.2a. Groundwater (renewable resources)	22.8									
	1.i.2b. Groundwater (non-renewable resources)	66.8									
	1.i.3. Soil Water (*green water*)	175.4						175.4			175.4
	1.ii. Abstraction from other sources	0.0	0.0	0.0	0.4	0.0	0.0	0.4	0.0		0.4
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	0.0		0.0	0.4			0.4			0.4
	2. Use of water received from other economic units	55.1	0.3	0.0	0.9	5.6	0.1	62.1	4.6	0.2	66.9
	2.a. Reused water (from W-sanitation)	4.1	0.0				0.0	4.1			4.1
	2.b. Wastewater to sewerage					5.6		5.6			5.6
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	0.4		0.4
	2.d. from "W-Supply" (sww)	50.9	0.1				0.0	51.1	0.2		51.4
	2.e. from "W-Supply" (gww)		0.0				0.0	0.0	3.6		3.6
	2.f. from "W-Supply" (tts)	0.0	0.2				0.1	0.3	0.4		0.6
	2.g. from water transfer cannals and aqueducts (tts)				0.9			0.9			
	3. Total use of water (= 1 + 2)	320.1	1.1	0.0	61.7	5.6	0.1	388.6	4.6	0.2	393.5

B. Physical supply table (hm3/year)		Industries									
2010	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.9	0.0	56.0	5.6	0.1	7.0	4.6	1.2	12.8
	4.i. goes to Agriculture				50.9	4.1					
	4.ii. goes to Industry				0.3	0.0					
Within the economy	4.iV. goes to Services				0.1	0.0					
	4.V. goes to Households				4.6						
	4.a. Reused water					5.6		5.6			5.6
	4.b. Wastewater to sewerage		0.9	0.0			0.1	1.0	4.6		5.6
	4.c. Desalinated water				0.4			0.4			0.4
	5. Total returns (= 5.a + 5.b)	19.9	0.2	0.0	5.7	0.0	0.0	25.9	0.0		25.9
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	19.9	0.0		5.7	0.0	0.0	25.7	0.0		
	Treated wastewater		0.2					0.2			
	Other							0.0			
	5.a. To inland water resources	19.9	0.2	0.0	5.7	0.0	0.0	25.9	0.0		25.9
	5.a.1. Surface water		0.2	0.0				0.2			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	19.9			5.7	0.0	0.0	25.7	0.0		
	5.b. To other sources (e.g., sea water)			0.0		0.0		0.0			0.0
	6. Total supply of water (= 4 + 5)	19.9	1.1	0.0	61.7	5.6	0.1	32.9	4.6		38.7
	7. Water consumption (= 3 - 6) of which	300.1	0.0	0.0	0.0	0.0	0.0	355.7	0.0		354.8
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2010	V - Noreste	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.9		0.9			0.9
	Energy 35							0.0			0.0
	W-Supply 36	50.9	0.3				0.1	51.4	4.6		56.0
	W-Sanitation 37	4.1	0.0				0.0	4.1			4.1
	Services 38,39/45-99					0.1		0.1			0.1
	Total	55.1	0.3	0.0	0.0	1.0	0.1	56.5	4.6	0.0	61.1
Households						4.6		4.6			4.6
From other reference units					0.9			0.9			0.9
TOTAL		55.1	0.3	0.0	0.9	5.6	0.1	62.1	4.6	0.0	66.7

Physical Supply and Use Tables - Year 2010 - REWMU: VI - Sur Costa

A. Physical use table (hm3/year)		Industries									
2010	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	78.8	0.0	0.0	10.2	0.0	0.0	89.1	0.0		89.1
	1.a. Abstraction for own use	78.8	0.0	0.0	0.0	0.0	0.0	78.8			78.8
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	78.8						78.8			78.8
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			0.0				0.0			0.0
	Other (livestock, aquaculture, ...)		0.0	0.0				0.0			0.0
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	10.2	0.0	0.0	10.2			10.2
	1.i. Abstraction from inland water resources:	63.8	0.0	0.0	8.1	0.0	0.0	71.9	0.0		71.9
	1.i.1. Surface water			0.0	7.3			7.3			7.3
	1.i.2. Groundwater	29.1	0.0	0.0	0.8			29.9			29.9
	1.i.2a. Groundwater (renewable resources)	7.9									
	1.i.2b. Groundwater (non-renewable resources)	21.1									
	1.i.3. Soil Water (*green water*)	34.7						34.7			34.7
	1.ii. Abstraction from other sources	15.0	0.0	0.0	2.1	0.0	0.0	17.1	0.0		17.1
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea	15.0		0.0	2.1			17.1			17.1
	2. Use of water received from other economic units	29.8	0.2	0.0	30.9	5.5	0.9	67.3	5.9	7.1	80.3
	2.a. Reused water (from W-sanitation)	2.0	0.0				0.4	2.4			2.4
	2.b. Wastewater to sewerage					5.5		5.5			5.5
Within the economy	2.c. Desalinated water (from W-Supply)	0.0	0.0					0.0	2.1		2.1
	2.d. from "W-Supply" (sww)	4.9	0.1				0.2	5.1	1.2		6.4
	2.e. from "W-Supply" (gww)		0.0				0.0	0.0	0.7		0.7
	2.f. from "W-Supply" (tts)	22.9	0.1				0.3	23.3	1.8		25.1
	2.g. from water transfer cannals and aqueducts (tts)				30.9			30.9			
	3. Total use of water (= 1 + 2)	108.6	0.2	0.0	41.2	5.5	0.9	156.3	5.9	7.1	169.3

B. Physical supply table (hm3/year)		Industries									
2010	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	0.1	0.0	34.4	2.2	0.4	4.9	5.0	38.0	47.9
	4.i. goes to Agriculture				27.8	2.0					
	4.ii. goes to Industry				0.2	0.0					
Within the economy	4.iV. goes to Services				0.5	0.4					
	4.V. goes to Households				5.9						
	4.a. Reused water					2.2		2.2			2.2
	4.b. Wastewater to sewerage		0.1	0.0			0.4	0.6	5.0		5.5
	4.c. Desalinated water				2.1			2.1			2.1
	5. Total returns (= 5.a + 5.b)	7.4	0.0	0.0	6.8	3.3	0.0	17.6	0.0		17.6
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			0.0				0.0			
Into the environment	*Losses in distribution because of leakages*	7.4	0.0		6.8	0.0	0.0	14.3	0.0		
	Treated wastewater		0.0					0.0			
	Other							0.0			
	5.a. To inland water resources	7.4	0.0	0.0	6.8	0.0	0.0	14.3	0.0		14.3
	5.a.1. Surface water		0.0	0.0				0.0			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	7.4			6.8	0.0	0.0	14.3	0.0		
	5.b. To other sources (e.g., sea water)			0.0		3.3		3.3			3.3
	6. Total supply of water (= 4 + 5)	7.4	0.1	0.0	41.2	5.5	0.5	22.5	5.0		65.5
	7. Water consumption (= 3 - 6) of which	101.2	0.0	0.0	0.0	0.0	0.4	133.8	0.9		103.8
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2010	VI - Sur Costa	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					0.1		0.1			0.1
	Energy 35							0.0			0.0
	W-Supply 36	27.8	0.2				0.5	28.5	5.9		34.4
	W-Sanitation 37	2.0	0.0				0.4	2.4			2.4
	Services 38,39/45-99					0.4		0.4			0.4
	Total	29.8	0.2	0.0	0.0	0.6	0.9	31.4	5.9	0.0	37.3
Households						5.0		5.0			5.0
From other reference units					30.9			30.9			30.9
TOTAL		29.8	0.2	0.0	30.9	5.5	0.9	67.3	5.9	0.0	73.2

Physical Supply and Use Tables - Year 2010 - REWMU: VII - Campo Cartagena

A. Physical use table (hm3/year)		Industries									
2010	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (export of water)	TOTAL
	1. Total abstraction (= 1.a + 1.b = 1.i + 1.ii)	177.5	0.2	123.1	24.6	0.0	0.0	325.4	0.0		325.4
	1.a. Abstraction for own use	177.5	0.2	123.1	0.0	0.0	0.0	300.8			300.8
	Hydroelectric power generation			0.0				0.0			0.0
	Irrigation water	177.5						177.5			177.5
	Mine water							0.0			0.0
	Urban runoff							0.0			0.0
	Cooling water			121.0				121.0			121.0
	Other (livestock, aquaculture, ...)		0.2	2.1				2.3			2.3
From the environment	1.b. Abstraction for distribution	0.0	0.0	0.0	24.6	0.0	0.0	24.6			24.6
	1.i. Abstraction from inland water resources:	175.5	0.2	2.1	14.1	0.0	0.0	191.9	0.0		191.9
	1.i.1. Surface water			0.0	14.1			14.1			14.1
	1.i.2. Groundwater	102.4	0.2	2.1	0.0			104.6			104.6
	1.i.2a. Groundwater (renewable resources)	86.1									
	1.i.2b. Groundwater (non-renewable resources)	16.3									
	1.i.3. Soil Water (*green water*)	73.1						73.1			73.1
	1.ii. Abstraction from other sources	2.0	0.0	121.0	10.5	0.0	0.0	133.5	0.0		133.5
	1.ii.1. Collection of precipitation							0.0			0.0
	1.ii.2. Abstraction from the sea*	2.0		121.0	10.5			133.5			133.5
	2. Use of water received from other economic units	76.5	11.1	0.0	91.5	25.6	5.8	210.5	19.4	20.9	250.8
	2.a. Reused water (from W-sanitation)	13.7	0.0				2.7	16.5			16.5
	2.b. Wastewater to sewerage					25.6		25.6			25.6
Within the economy	2.c. Desalinated water (from W-Supply)	2.5	0.0					2.5	8.0		10.5
	2.d. from "W-Supply" (sww)	1.7	4.5				1.2	7.4	4.6		12.0
	2.e. from "W-Supply" (gww)		0.0				0.0	0.0	0.0		0.0
	2.f. from "W-Supply" (tts)	58.7	6.6				1.8	67.1	6.8		73.9
	2.g. from water transfer cannals and aqueducts (tts)				91.5			91.5			
	3. Total use of water (= 1 + 2)	254.0	11.3	123.1	116.1	25.6	5.8	535.9	19.4	20.9	576.2

B. Physical supply table (hm3/year)		Industries									
2010	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	By other reference units (import of water)	TOTAL
	4. Supply of water to other economic units of which:	0.0	8.4	0.0	96.3	17.3	2.8	39.0	14.5	112.4	165.9
	4.i. goes to Agriculture				62.8	13.7					
	4.ii. goes to Industry				11.1	0.0					
Within the economy	4.iV. goes to Services				3.1	2.7					
	4.V. goes to Households				19.4						
	4.a. Reused water					17.3		17.3			17.3
	4.b. Wastewater to sewerage		8.4	0.0			2.8	11.1	14.5		25.6
	4.c. Desalinated water				10.5			10.5			10.5
	5. Total returns (= 5.a + 5.b)	18.2	0.1	121.0	19.8	8.3	0.3	167.6	0.0		167.6
	Hydroelectric power generation			0.0				0.0			
	Irrigation water							0.0			
	Mine water							0.0			
	Urban runoff							0.0			
	Cooling water			121.0				121.0			
Into the environment	*Losses in distribution because of leakages*	18.2	0.0		19.8	0.0	0.3	38.3	0.0		
	Treated wastewater		0.1					0.1			
	Other							0.0			
	5.a. To inland water resources	18.2	0.1	0.0	19.8	0.0	0.3	38.4	0.0		38.4
	5.a.1. Surface water		0.1	0.0				0.1			
	5.a.2. Groundwater							0.0			
	5.a.3. Soil water	18.2			19.8	0.0	0.3	38.3	0.0		
	5.b. To other sources (e.g., sea water)			121.0		8.3		129.3			129.3
	6. Total supply of water (= 4 + 5)	18.2	8.5	121.0	116.1	25.6	3.0	206.6	14.5		333.5
	7. Water consumption (= 3 - 6) of which	235.8	2.8	2.1	0.0	0.0	2.8	329.3	4.9		242.7
	7.a. Losses in distribution not because of leakages										

C. Matrix of flows of water within the economy		Industries									
2010	VII - Campo Cartagena	Agriculture 1-3	Industry 5-33/41-43	Energy 35	W-Supply 36	W-Sanitation 37	Services 38,39/45-99	Total	Households	To other reference units	Total
Industries	Agriculture 1-3							0.0			0.0
	Industry 5-33/41-43					8.4		8.4			8.4
	Energy 35							0.0			0.0
	W-Supply 36	62.8	11.1				3.1	77.0	19.4		96.3
	W-Sanitation 37	13.7	0.0				2.7	16.5			16.5
	Services 38,39/45-99					2.8		2.8			2.8
	Total	76.5	11.1	0.0	0.0	11.1	5.8	104.6	19.4	0.0	123.9
Households						14.5		14.5			14.5
From other reference units					91.5			91.5			91.5
TOTAL		76.5	11.1	0.0	91.5	25.6	5.8	210.5	19.4	0.0	229.9

* Desalination of brackish groundwater

Water accounting at the basin scale: water use and supply (2000-2010) in the Segura River Basin using the SEEA framework

Annex 3. Physical Supply and Use Sankey diagrams

This annex is part of a technical report. Please cite as:
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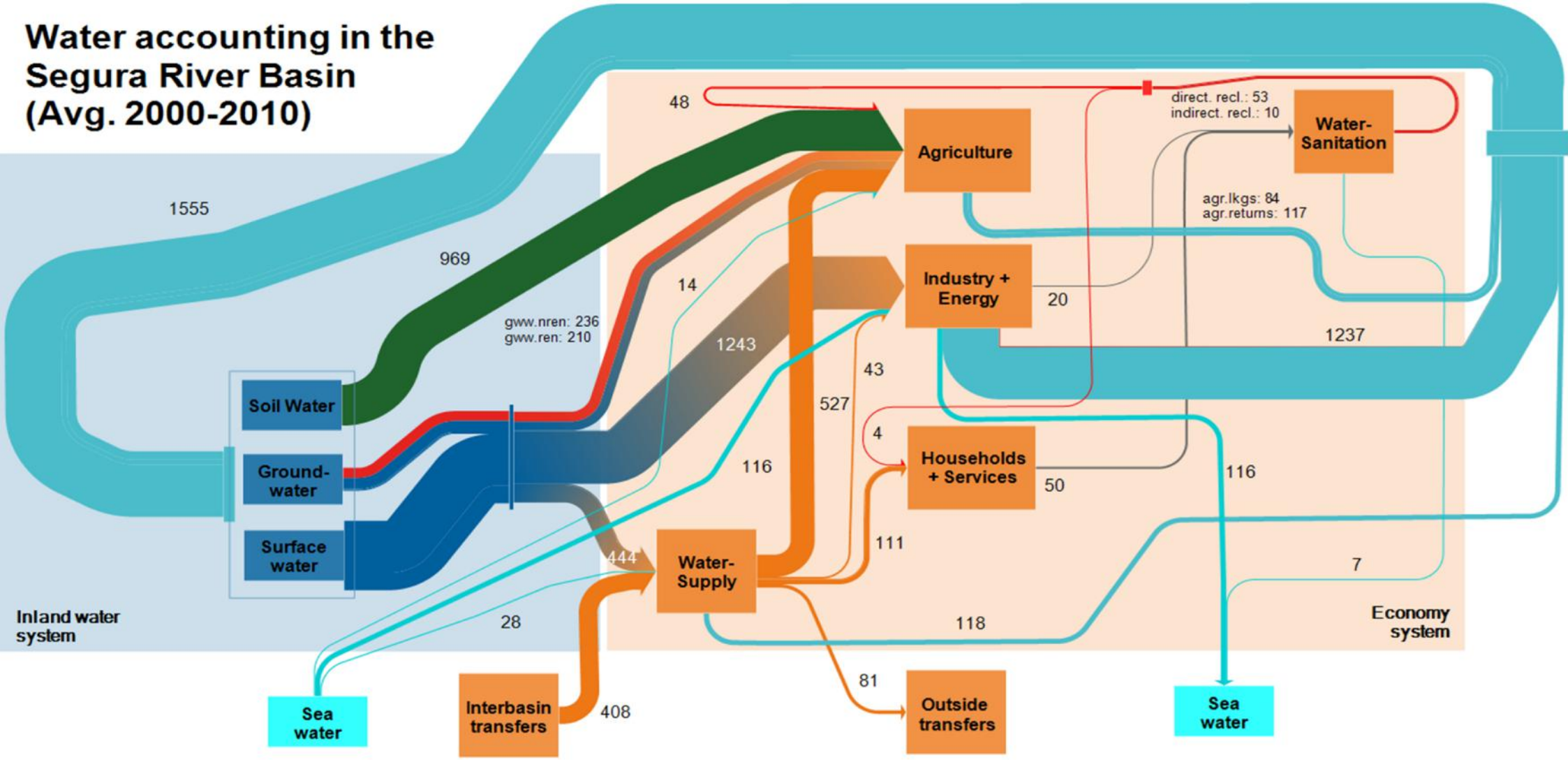
Water accounting in the Segura River Basin (Avg. 2000-2010)



(all fluxes in million of cubic meters)
gww.ren = abstraction of renewable groundwater resources
gww.nren = abstraction of non renewable groundwater resources
agr.lkgs = losses of water in agriculture due to leakages (on-farm losses)
agr.returns = irrigation returns (traditional cannals, diffuse recharge to upper aquifers)
direct.recl. = direct use of reclaimed waters
indirect.recl. = indirect use of reclaimed waters

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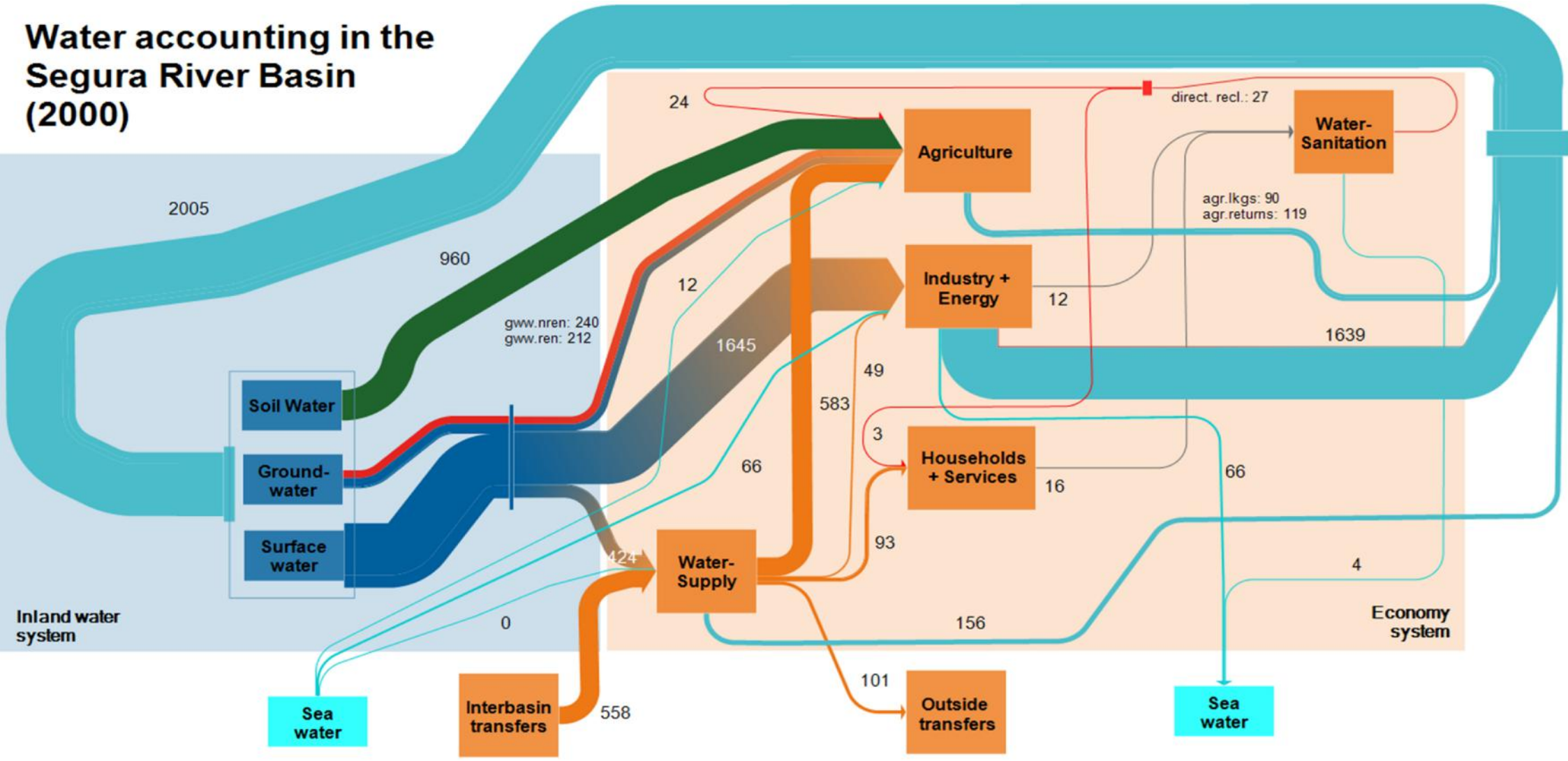
Water accounting in the Segura River Basin (2000)



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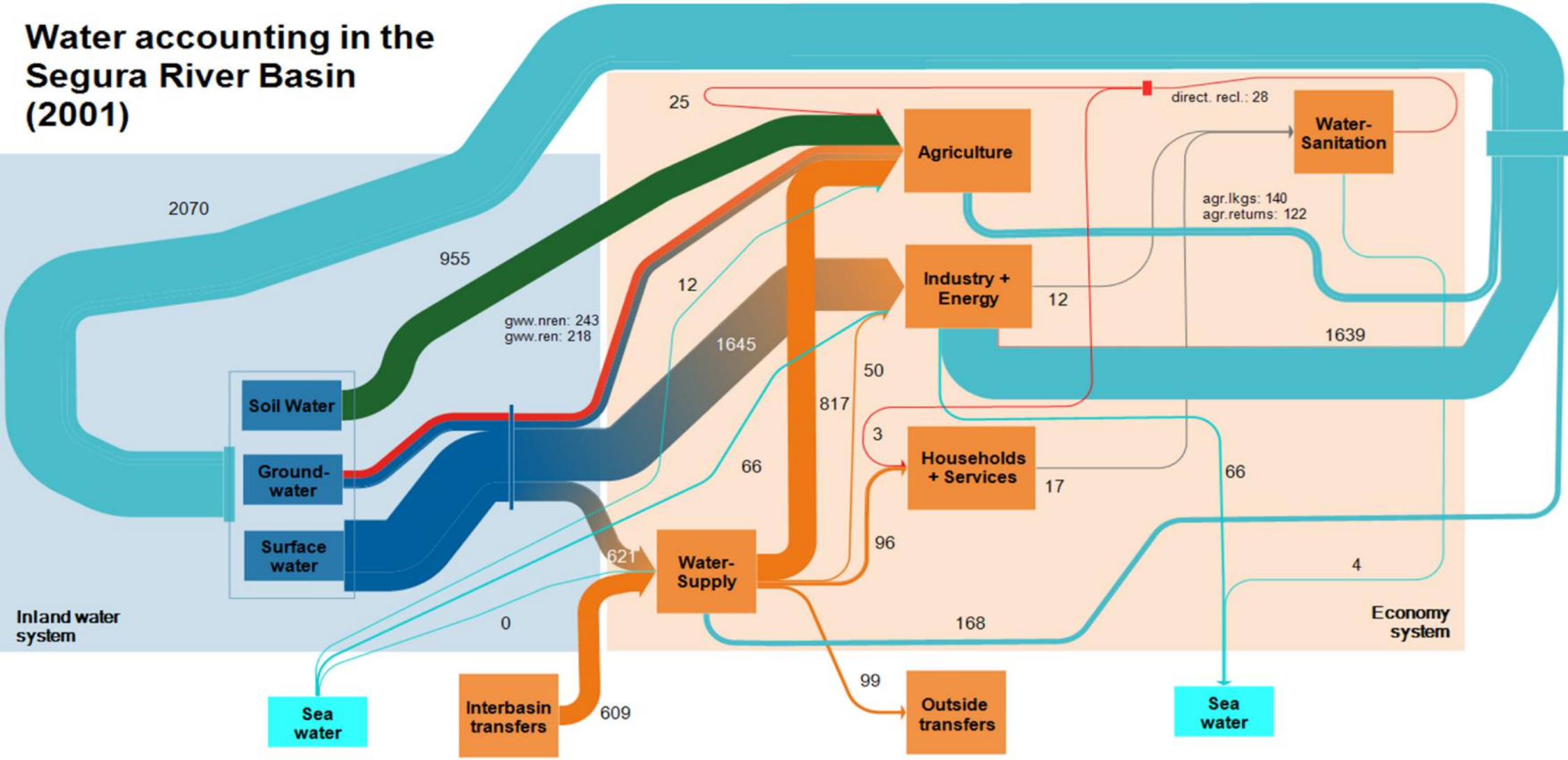

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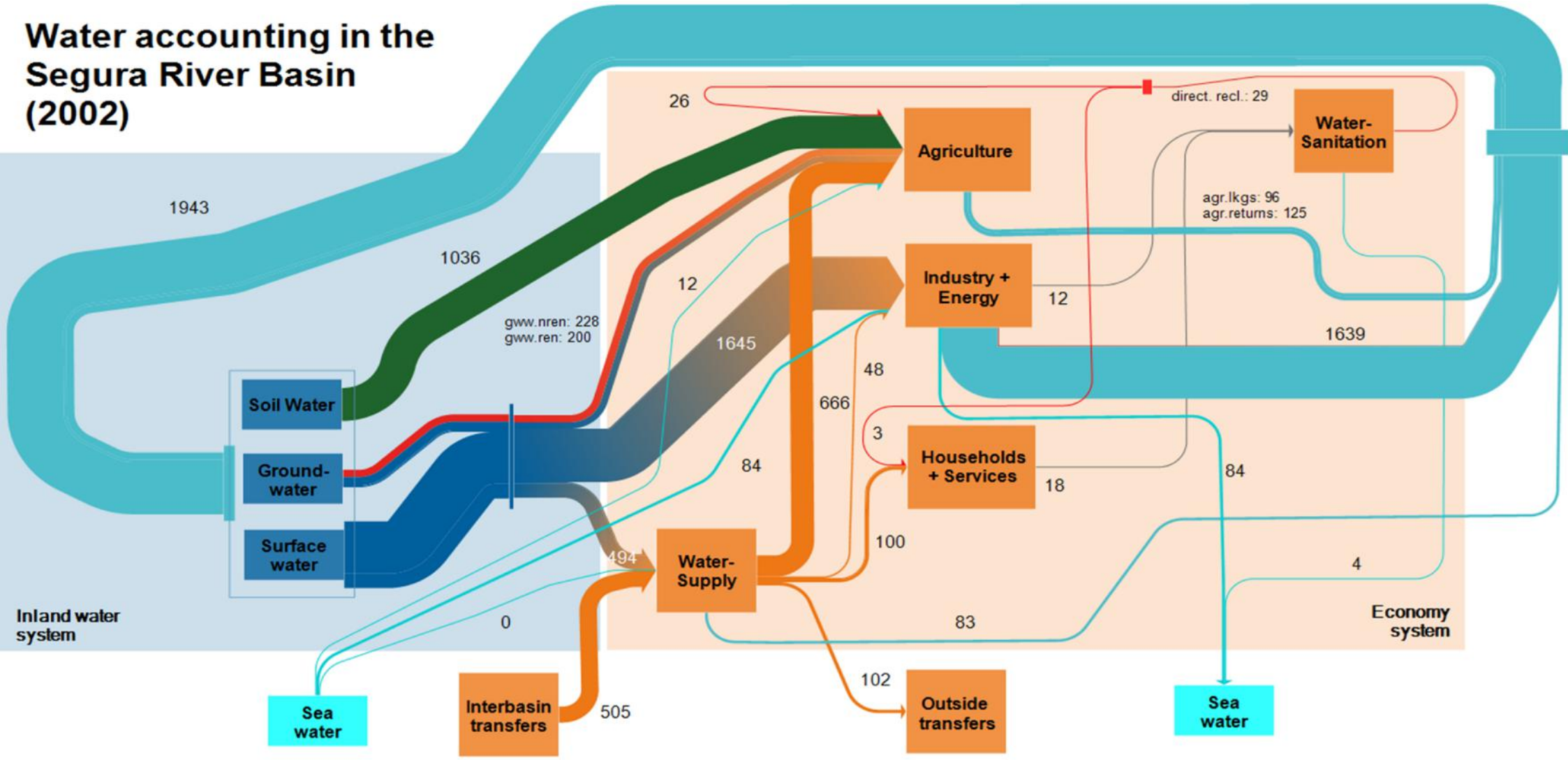

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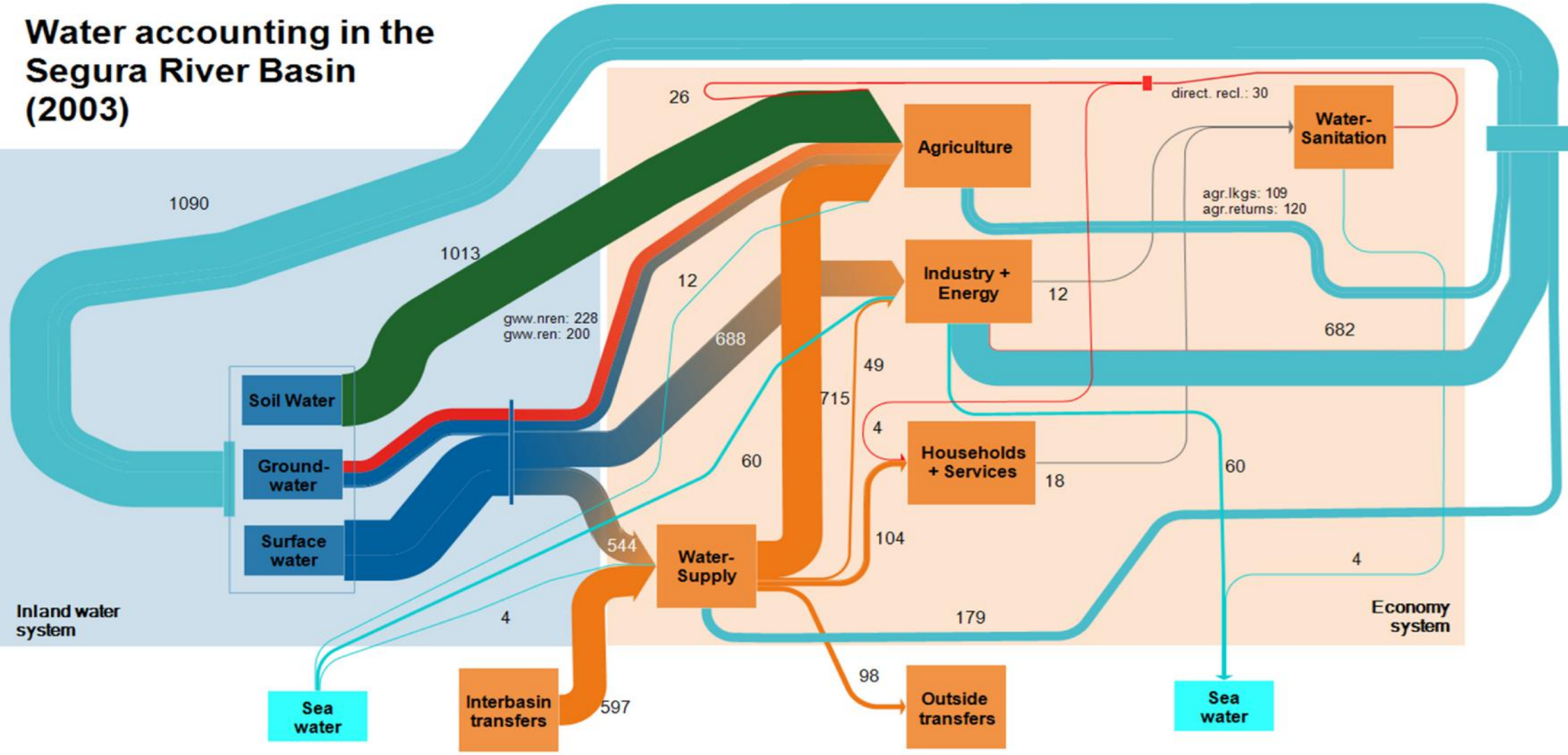

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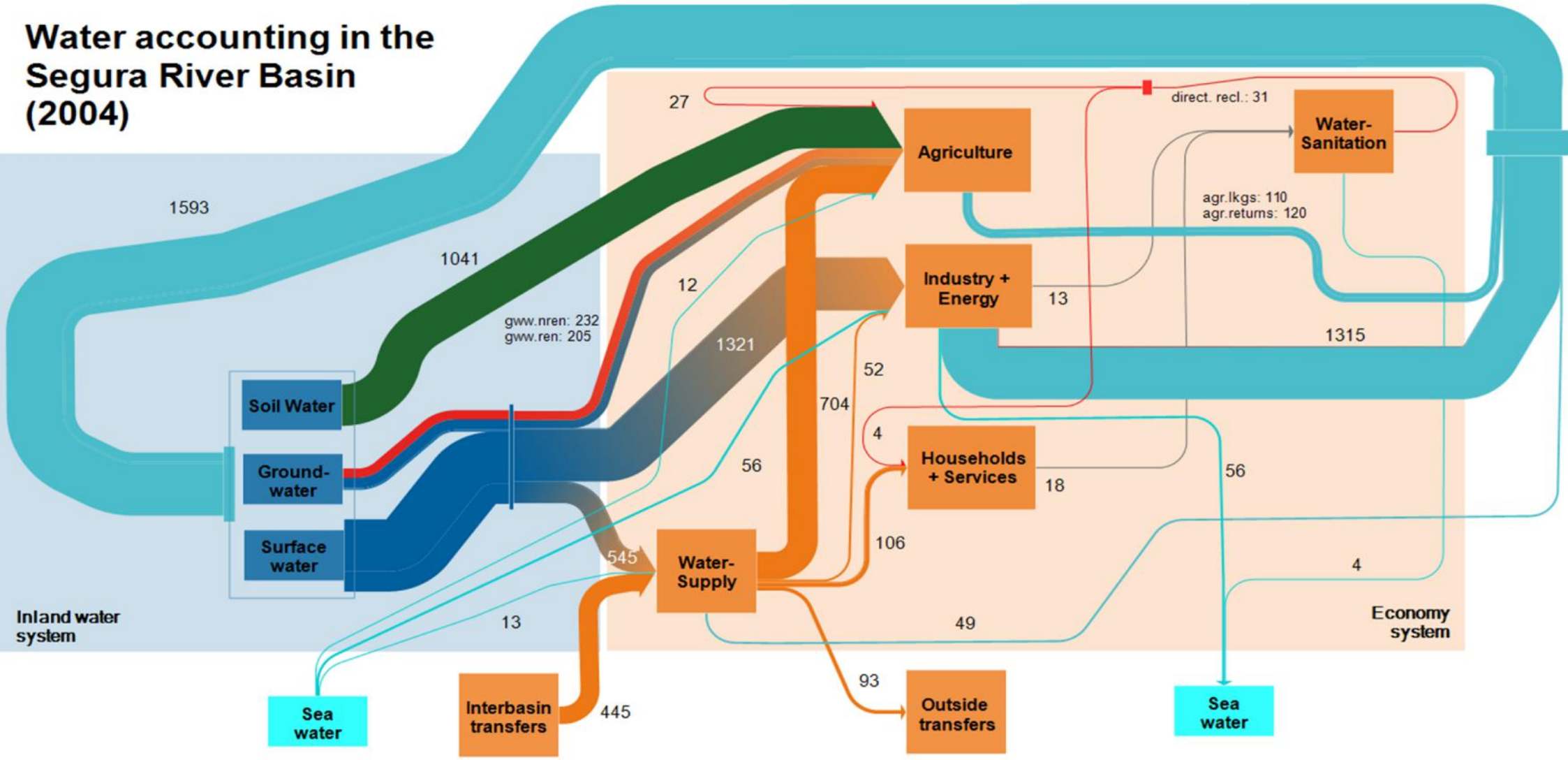

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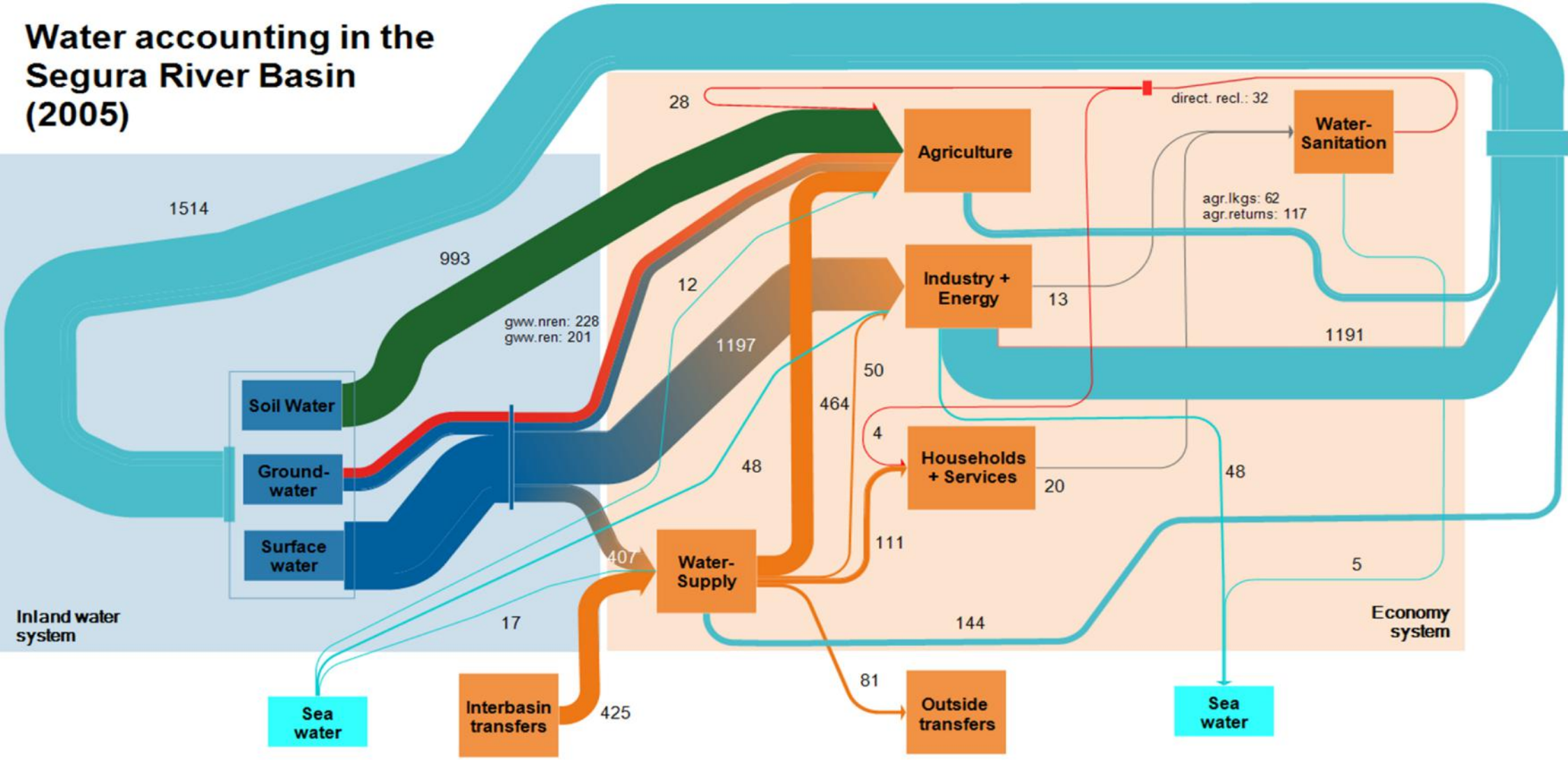

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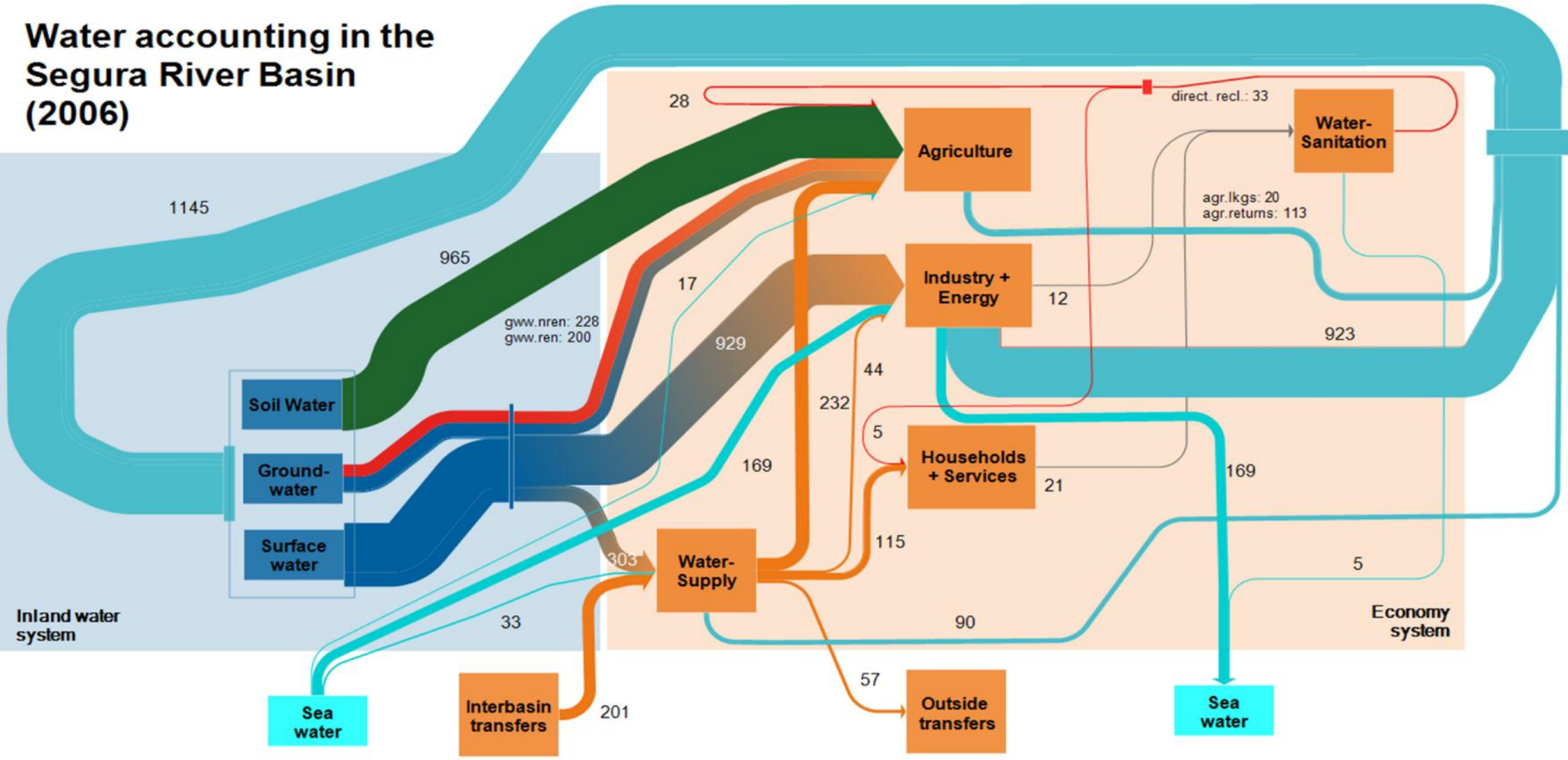

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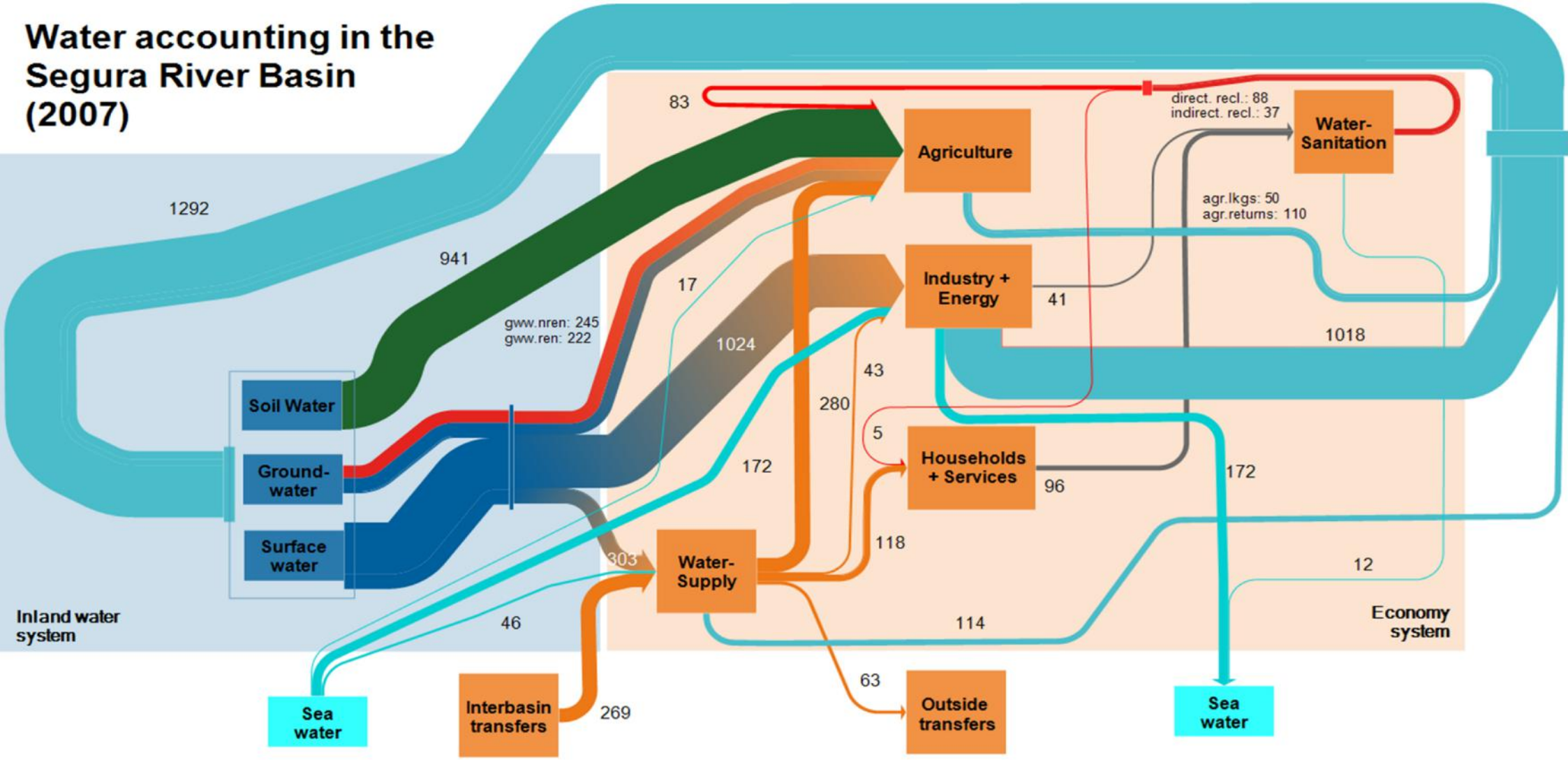

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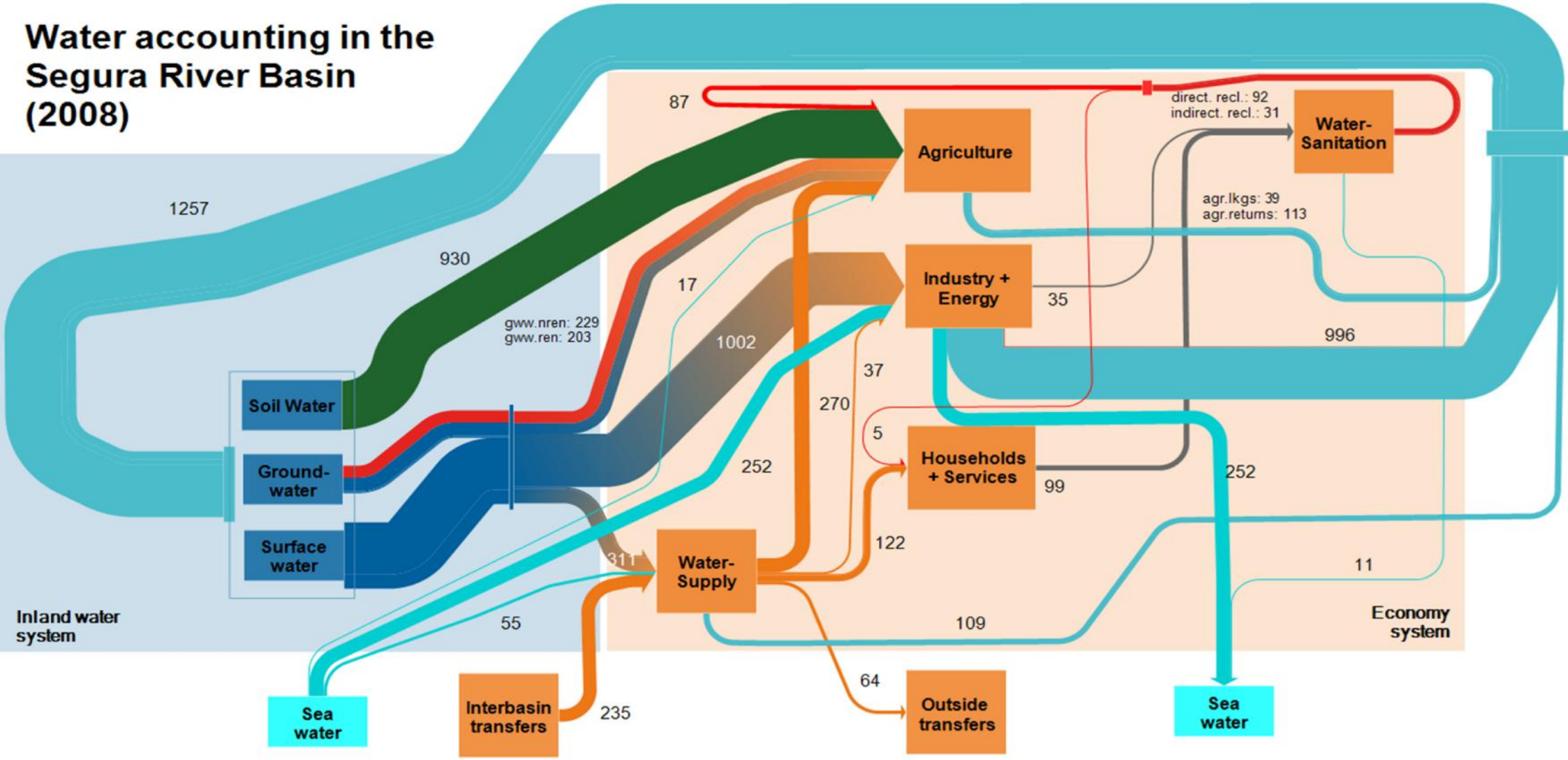

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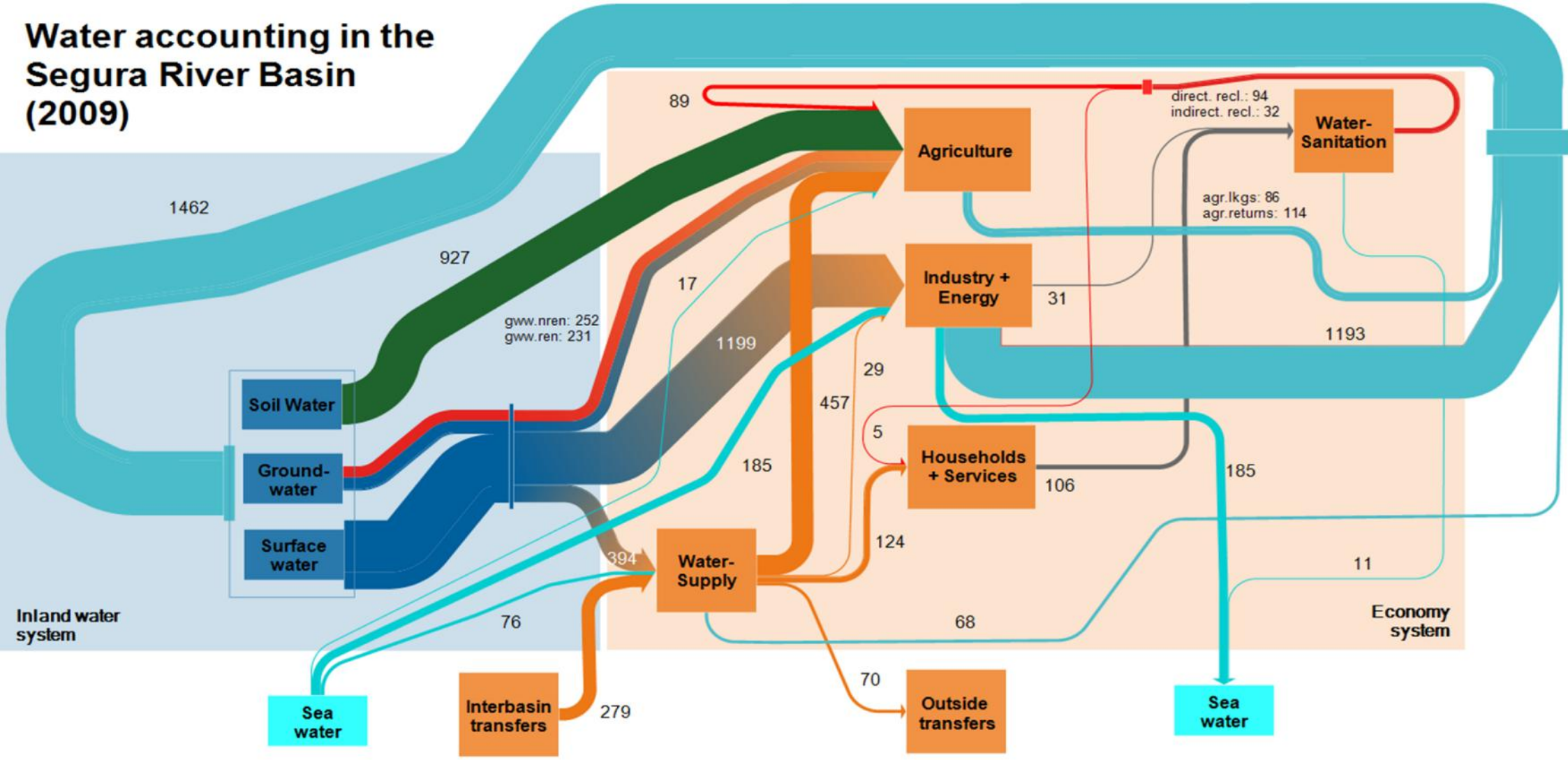

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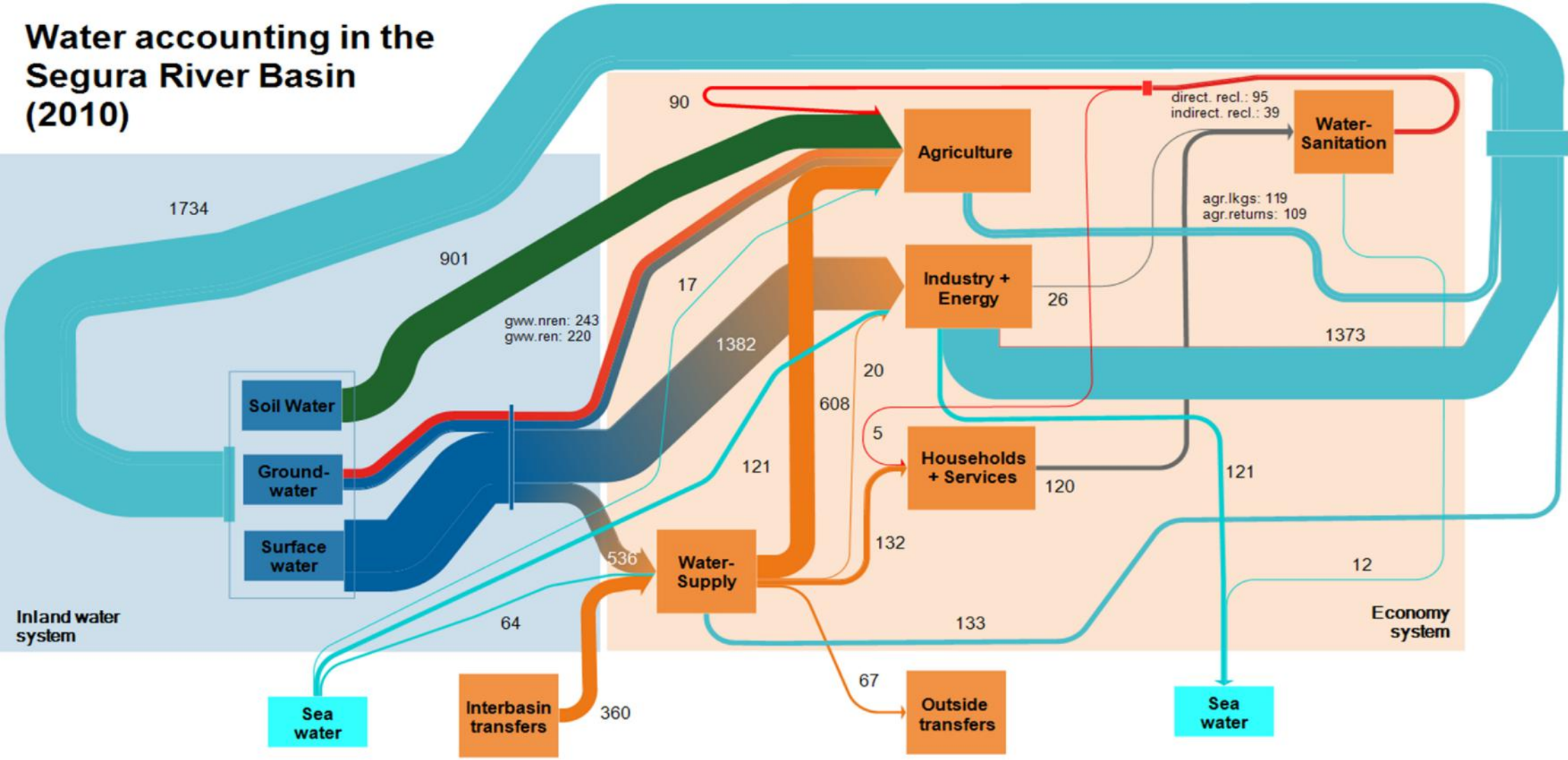

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Water accounting at the basin scale: water use and supply (2000-2010) in the Segura River Basin using the SEEA framework

Annex 4. Water use-to-availability indicators

This annex is part of a technical report. Please cite as:
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Availability-Exploitation indicators - Year Avg

REWMU	SRB - Avg	I - Avg	II - Avg	III - Avg	IV - Avg	V - Avg	VI - Avg	VII - Avg
Population size	1,851,174	67,581	83,867	164,110	1,014,804	86,544	79,680	353,028
Area of REWMU (km2)	18931.46	5019.16	2396.20	3343.09	2816.79	2612.16	1141.77	1602.29
Availability indicators								
Inbasin renewable water resources (hm^3)	665.56	102.83	42.36	51.73	279.64	72.85	14.42	98.47
External renewable water resources inflows (interbasin inflows) (hm^3)	407.68	0.26	12.59	65.68	167.20	1.43	39.73	120.87
Actual external renewable water resources (inflows - outflows) (hm^3)	326.36	0.21	10.05	52.87	133.71	1.13	31.51	96.96
Total renewable water resources (hm^3)	1073.24	103.09	54.95	117.41	446.84	74.27	54.15	219.34
Blue renewable water resources (in) (hm^3)	991.92	103.04	52.41	104.60	413.35	73.97	45.93	195.43
Exploitable water resources (hm^3) (Blue + Grey)	1097.13	105.47	57.72	113.87	465.54	77.24	61.01	211.70
Dependency ratio (Act.Ext.Renew./Blue.Renew)	0.33	0.00	0.19	0.51	0.32	0.02	0.69	0.50
Per capita renewable resources (m^3/person)	535.83	1524.74	624.93	637.38	407.32	854.74	576.46	553.57
Water crodwing (person/hm^3)	1866	656	1600	1569	2455	1170	1735	1806
Density of internal resources (hm^3/km^2)	0.05	0.02	0.02	0.03	0.15	0.03	0.04	0.12
Exploitation indicators								
Green Water Use (hm^3) (A) (Soil Water in Agriculture)	969	131	165	131	247	193	36	75
Blue Water Use (hm^3) (A,I,S,H) (Groundwater + Surface water)	1110	136	48	171	368	136	59	191
Explotation of non renewable groundwater resources (hm^3)	**236**	**42**	**1**	**77**	**16**	**67**	**19**	**15**
Unconventional Water Use (hm^3) (A,I,S,H) (Desalinized + Reclaimed)	95	2	4	9	44	3	15	17
Total Water Use (A,I,S,H) (hm^3) (excludes green water)	2410	312	218	388	675	398	129	298
Total Water Consumption (A,I,S,H) (hm^3)	942	98	36	148	299	118	63	176
Water Exploitation Index (WEI) (Blue.Use/Blue.Renew)	1.12	1.32	0.92	1.63	0.89	1.84	1.28	0.98
Water Consumption Index (WEI+) (Consumption/Exploitable Resourc.)	0.86	0.93	0.63	1.30	0.64	1.52	1.03	0.83

Consumptive activities: A = Agriculture; I = Industry; S = Services; H = Households
REWMUs: I = Headwater; II = North-west; III = Guadalentin valley; IV = Segura alluvial plain (Vega); V = North-East; VI = South-Coast; VII = Campo Cartagena

Availability-Exploitation indicators - Year 2010

REWMU	SRB - 2010	I - 2010	II - 2010	III - 2010	IV - 2010	V - 2010	VI - 2010	VII - 2010
Population size	2,077,953	67,581	89,116	178,811	1,157,916	93,214	94,063	395,207
Area of REWMU (km2)	18931.46	5019.16	2396.20	3343.09	2816.79	2612.16	1141.77	1602.29
Availability indicators								
Inbasin renewable water resources (hm^3)	768.81	102.83	47.75	55.60	338.63	83.99	16.04	102.53
External renewable water resources inflows (interbasin inflows) (hm^3)	360.26	0.26	6.70	66.01	135.95	1.15	38.01	112.41
Actual external renewable water resources (inflows - outflows) (hm^3)	293.18	0.21	5.45	53.72	110.63	0.94	30.93	91.47
Total renewable water resources (hm^3)	1129.07	103.09	54.45	121.61	474.58	85.14	54.05	214.94
Blue renewable water resources (in) (hm^3)	1061.99	103.04	53.20	109.32	449.26	84.93	46.97	194.01
Exploitable water resources (hm^3) (Blue + Grey)	1277.09	105.47	61.33	140.11	563.95	90.95	66.35	223.85
Dependency ratio (Act.Ext.Renew./Blue.Renew)	0.28	0.00	0.10	0.49	0.25	0.01	0.66	0.47
Per capita renewable resources (m^3/person)	511.07	1524.74	597.01	611.37	387.99	911.11	499.38	490.90
Water crodwing (person/hm^3)	1957	656	1675	1636	2577	1098	2002	2037
Density of internal resources (hm^3/km^2)	0.06	0.02	0.02	0.03	0.16	0.03	0.04	0.12
Exploitation indicators								
Green Water Use (hm^3) (A) (Soil Water in Agriculture)	901	131	151	129	222	175	35	73
Blue Water Use (hm^3) (A,I,S,H) (Groundwater + Surface water)	1172	136	49	179	395	146	61	190
Explotation of non renewable groundwater resources (hm^3)	**243**	**42**	**1**	**82**	**17**	**67**	**21**	**16**
Unconventional Water Use (hm^3) (A,I,S,H) (Desalinized + Reclaimed)	176	2	5	31	84	5	20	29
Total Water Use (A,I,S,H) (hm^3) (excludes green water)	2492	312	206	420	717	393	137	309
Total Water Consumption (A,I,S,H) (hm^3)	1010	98	38	168	323	126	68	176
Water Exploitation Index (WEI) (Blue.Use/Blue.Renew)	1.10	1.32	0.92	1.63	0.88	1.72	1.30	0.98
Water Consumption Index (WEI+) (Consumption/Exploitable Resourc.)	0.79	0.93	0.62	1.20	0.57	1.39	1.02	0.79

Consumptive activities: A = Agriculture; I = Industry; S = Services; H = Households
REWMUs: I = Headwater; II = North-west; III = Guadalentin valley; IV = Segura alluvial plain (Vega); V = North-East; VI = South-Coast; VII = Campo Cartagena

Availability-Exploitation indicators - Year 2009

REWMU	SRB - 2009	I - 2009	II - 2009	III - 2009	IV - 2009	V - 2009	VI - 2009	VII - 2009
Population size	2,058,037	67,581	89,014	177,214	1,146,850	92,607	93,060	389,613
Area of REWMU (km2)	18931.46	5019.16	2396.20	3343.09	2816.79	2612.16	1141.77	1602.29
Availability indicators								
Inbasin renewable water resources (hm^3)	636.58	102.83	40.80	51.27	262.66	68.90	14.24	99.27
External renewable water resources inflows (interbasin inflows) (hm^3)	278.80	0.26	8.33	41.29	114.59	1.11	31.15	82.26
Actual external renewable water resources (inflows - outflows) (hm^3)	209.01	0.21	6.24	30.95	85.90	0.83	23.35	61.67
Total renewable water resources (hm^3)	915.38	103.09	49.12	92.56	377.25	70.01	45.40	181.53
Blue renewable water resources (in) (hm^3)	845.59	103.04	47.04	82.22	348.57	69.73	37.60	160.94
Exploitable water resources (hm^3) (Blue + Grey)	1065.19	105.47	56.18	113.79	463.89	75.79	57.45	192.39
Dependency ratio (Act.Ext.Renew./Blue.Renew)	0.25	0.00	0.13	0.38	0.25	0.01	0.62	0.38
Per capita renewable resources (m^3/person)	410.87	1524.74	528.46	463.96	303.93	752.97	404.01	413.07
Water crodwing (person/hm^3)	2434	656	1892	2155	3290	1328	2475	2421
Density of internal resources (hm^3/km^2)	0.04	0.02	0.02	0.02	0.12	0.03	0.03	0.10
Exploitation indicators								
Green Water Use (hm^3) (A) (Soil Water in Agriculture)	927	131	157	128	238	178	37	72
Blue Water Use (hm^3) (A,I,S,H) (Groundwater + Surface water)	1029	136	44	161	331	132	57	173
Explotation of non renewable groundwater resources (hm^3)	**252**	**42**	**1**	**82**	**25**	**67**	**21**	**16**
Unconventional Water Use (hm^3) (A,I,S,H) (Desalinized + Reclaimed)	188	2	6	32	91	5	20	31
Total Water Use (A,I,S,H) (hm^3) (excludes green water)	2396	312	208	402	686	382	135	293
Total Water Consumption (A,I,S,H) (hm^3)	908	98	35	154	280	115	65	163
Water Exploitation Index (WEI) (Blue.Use/Blue.Renew)	1.22	1.32	0.94	1.96	0.95	1.90	1.52	1.08
Water Consumption Index (WEI+) (Consumption/Exploitable Resourc.)	0.85	0.93	0.62	1.35	0.60	1.52	1.13	0.85

Consumptive activities: A = Agriculture; I = Industry; S = Services; H = Households
REWMUs: I = Headwater; II = North-west; III = Guadalentin valley; IV = Segura alluvial plain (Vega); V = North-East; VI = South-Coast; VII = Campo Cartagena

Availability-Exploitation indicators - Year 2008

REWMU	SRB - 2008	I - 2008	II - 2008	III - 2008	IV - 2008	V - 2008	VI - 2008	VII - 2008
Population size	2,028,683	67,581	88,651	175,049	1,127,860	91,875	91,271	383,897
Area of REWMU (km2)	18931.46	5019.16	2396.20	3343.09	2816.79	2612.16	1141.77	1602.29
Availability indicators								
Inbasin renewable water resources (hm^3)	526.08	102.83	34.96	47.40	198.89	56.47	12.72	96.66
External renewable water resources inflows (interbasin inflows) (hm^3)	234.67	0.26	8.69	28.96	95.80	1.29	38.81	61.02
Actual external renewable water resources (inflows - outflows) (hm^3)	170.93	0.21	6.33	21.09	69.78	0.94	28.27	44.45
Total renewable water resources (hm^3)	760.75	103.09	43.65	76.36	294.69	57.76	51.52	157.68
Blue renewable water resources (in) (hm^3)	697.01	103.04	41.29	68.49	268.67	57.41	40.98	141.11
Exploitable water resources (hm^3) (Blue + Grey)	891.65	105.47	50.67	79.72	382.04	63.07	60.96	169.89
Dependency ratio (Act.Ext.Renew./Blue.Renew)	0.25	0.00	0.15	0.31	0.26	0.02	0.69	0.31
Per capita renewable resources (m^3/person)	343.58	1524.74	465.73	391.29	238.21	624.83	449.01	367.57
Water crodwing (person/hm^3)	2911	656	2147	2556	4198	1600	2227	2721
Density of internal resources (hm^3/km^2)	0.04	0.02	0.02	0.02	0.10	0.02	0.04	0.09
Exploitation indicators								
Green Water Use (hm^3) (A) (Soil Water in Agriculture)	930	131	164	120	235	186	37	73
Blue Water Use (hm^3) (A,I,S,H) (Groundwater + Surface water)	817	136	37	134	226	120	49	139
Explotation of non renewable groundwater resources (hm^3)	**229**	**42**	**1**	**75**	**14**	**66**	**18**	**15**
Unconventional Water Use (hm^3) (A,I,S,H) (Desalinized + Reclaimed)	164	2	6	11	90	5	20	28
Total Water Use (A,I,S,H) (hm^3) (excludes green water)	2139	312	208	341	565	377	124	255
Total Water Consumption (A,I,S,H) (hm^3)	722	98	30	117	201	104	57	130
Water Exploitation Index (WEI) (Blue.Use/Blue.Renew)	1.17	1.32	0.90	1.96	0.84	2.09	1.19	0.98
Water Consumption Index (WEI+) (Consumption/Exploitable Resourc.)	0.81	0.93	0.59	1.46	0.53	1.65	0.94	0.77

Consumptive activities: A = Agriculture; I = Industry; S = Services; H = Households
REWMUs: I = Headwater; II = North-west; III = Guadalentin valley; IV = Segura alluvial plain (Vega); V = North-East; VI = South-Coast; VII = Campo Cartagena

Availability-Exploitation indicators - Year 2007

REWMU	SRB - 2007	I - 2007	II - 2007	III - 2007	IV - 2007	V - 2007	VI - 2007	VII - 2007
Population size	1,968,563	67,581	86,753	172,164	1,089,126	89,717	87,852	373,428
Area of REWMU (km2)	18931.46	5019.16	2396.20	3343.09	2816.79	2612.16	1141.77	1602.29
Availability indicators								
Inbasin renewable water resources (hm^3)	536.59	102.83	35.47	47.88	205.12	57.51	12.88	97.07
External renewable water resources inflows (interbasin inflows) (hm^3)	269.03	0.26	10.57	29.82	116.36	1.79	33.94	76.34
Actual external renewable water resources (inflows - outflows) (hm^3)	205.54	0.21	8.08	22.78	88.90	1.37	25.93	58.32
Total renewable water resources (hm^3)	805.62	103.09	46.04	77.70	321.47	59.30	46.82	173.41
Blue renewable water resources (in) (hm^3)	742.13	103.04	43.55	70.66	294.01	58.87	38.81	155.39
Exploitable water resources (hm^3) (Blue + Grey)	929.69	105.47	52.48	81.27	402.82	64.49	58.32	183.40
Dependency ratio (Act.Ext.Renew./Blue.Renew)	0.28	0.00	0.19	0.32	0.30	0.02	0.67	0.38
Per capita renewable resources (m^3/person)	376.99	1524.74	501.96	410.41	269.95	656.22	441.77	416.12
Water crodwing (person/hm^3)	2653	656	1992	2437	3704	1524	2264	2403
Density of internal resources (hm^3/km^2)	0.04	0.02	0.02	0.02	0.10	0.02	0.03	0.10
Exploitation indicators								
Green Water Use (hm^3) (A) (Soil Water in Agriculture)	941	131	178	127	230	183	35	74
Blue Water Use (hm^3) (A,I,S,H) (Groundwater + Surface water)	872	136	39	141	255	122	51	151
Explotation of non renewable groundwater resources (hm^3)	**245**	**42**	**1**	**79**	**21**	**67**	**20**	**16**
Unconventional Water Use (hm^3) (A,I,S,H) (Desalinized + Reclaimed)	151	2	5	11	81	4	19	26
Total Water Use (A,I,S,H) (hm^3) (excludes green water)	2209	312	224	358	588	376	125	267
Total Water Consumption (A,I,S,H) (hm^3)	760	98	31	121	220	106	58	139
Water Exploitation Index (WEI) (Blue.Use/Blue.Renew)	1.18	1.32	0.90	1.99	0.87	2.07	1.30	0.97
Water Consumption Index (WEI+) (Consumption/Exploitable Resourc.)	0.82	0.93	0.59	1.49	0.55	1.64	1.00	0.76

Consumptive activities: A = Agriculture; I = Industry; S = Services; H = Households
REWMUs: I = Headwater; II = North-west; III = Guadalentin valley; IV = Segura alluvial plain (Vega); V = North-East; VI = South-Coast; VII = Campo Cartagena

Availability-Exploitation indicators - Year 2006

REWMU	SRB - 2006	I - 2006	II - 2006	III - 2006	IV - 2006	V - 2006	VI - 2006	VII - 2006
Population size	1,929,955	67,581	85,429	171,657	1,061,457	88,404	84,388	369,202
Area of REWMU (km2)	18931.46	5019.16	2396.20	3343.09	2816.79	2612.16	1141.77	1602.29
Availability indicators								
Inbasin renewable water resources (hm^3)	514.78	102.83	34.29	47.03	192.77	55.05	12.59	96.42
External renewable water resources inflows (interbasin inflows) (hm^3)	200.83	0.26	7.91	20.52	91.61	1.57	32.53	46.53
Actual external renewable water resources (inflows - outflows) (hm^3)	144.09	0.21	5.67	14.72	65.73	1.12	23.34	33.38
Total renewable water resources (hm^3)	715.61	103.09	42.20	67.55	284.38	56.61	45.12	142.95
Blue renewable water resources (in) (hm^3)	658.87	103.04	39.97	61.75	258.50	56.17	35.93	129.81
Exploitable water resources (hm^3) (Blue + Grey)	737.29	105.47	44.64	66.63	291.10	58.27	53.99	143.37
Dependency ratio (Act.Ext.Renew./Blue.Renew)	0.22	0.00	0.14	0.24	0.25	0.02	0.65	0.26
Per capita renewable resources (m^3/person)	341.39	1524.74	467.86	359.76	243.53	635.37	425.79	351.59
Water crodwing (person/hm^3)	2929	656	2137	2780	4106	1574	2349	2844
Density of internal resources (hm^3/km^2)	0.03	0.02	0.02	0.02	0.09	0.02	0.03	0.08
Exploitation indicators								
Green Water Use (hm^3) (A) (Soil Water in Agriculture)	965	131	171	133	243	188	36	74
Blue Water Use (hm^3) (A,I,S,H) (Groundwater + Surface water)	797	136	37	129	222	119	47	131
Explotation of non renewable groundwater resources (hm^3)	**228**	**42**	**1**	**74**	**12**	**66**	**17**	**15**
Unconventional Water Use (hm^3) (A,I,S,H) (Desalinized + Reclaimed)	83	2	4	5	35	2	18	16
Total Water Use (A,I,S,H) (hm^3) (excludes green water)	2072	312	213	342	511	375	118	236
Total Water Consumption (A,I,S,H) (hm^3)	705	98	29	112	198	103	55	125
Water Exploitation Index (WEI) (Blue.Use/Blue.Renew)	1.21	1.32	0.92	2.09	0.86	2.12	1.30	1.01
Water Consumption Index (WEI+) (Consumption/Exploitable Resourc.)	0.96	0.93	0.64	1.67	0.68	1.77	1.02	0.87

Consumptive activities: A = Agriculture; I = Industry; S = Services; H = Households
REWMUs: I = Headwater; II = North-west; III = Guadalentin valley; IV = Segura alluvial plain (Vega); V = North-East; VI = South-Coast; VII = Campo Cartagena

Availability-Exploitation indicators - Year 2005

REWMU	SRB - 2005	I - 2005	II - 2005	III - 2005	IV - 2005	V - 2005	VI - 2005	VII - 2005
Population size	1,869,628	67,581	83,931	167,222	1,023,756	87,153	80,583	357,423
Area of REWMU (km2)	18931.46	5019.16	2396.20	3343.09	2816.79	2612.16	1141.77	1602.29
Availability indicators								
Inbasin renewable water resources (hm^3)	619.66	102.83	39.92	50.25	253.43	67.51	13.90	97.34
External renewable water resources inflows (interbasin inflows) (hm^3)	425.48	0.26	15.06	63.22	184.93	1.54	38.25	122.30
Actual external renewable water resources (inflows - outflows) (hm^3)	344.84	0.21	12.21	51.24	149.88	1.25	31.00	99.12
Total renewable water resources (hm^3)	1045.14	103.09	54.98	113.47	438.37	69.05	52.15	219.64
Blue renewable water resources (in) (hm^3)	964.50	103.04	52.13	101.48	403.32	68.76	44.90	196.46
Exploitable water resources (hm^3) (Blue + Grey)	1020.85	105.47	55.85	104.78	425.68	70.68	57.09	206.80
Dependency ratio (Act.Ext.Renew./Blue.Renew)	0.36	0.00	0.23	0.50	0.37	0.02	0.69	0.50
Per capita renewable resources (m^3/person)	515.88	1524.74	621.05	606.89	393.96	788.98	557.17	549.66
Water crodwing (person/hm^3)	1938	656	1610	1648	2538	1267	1795	1819
Density of internal resources (hm^3/km^2)	0.05	0.02	0.02	0.03	0.14	0.03	0.04	0.12
Exploitation indicators								
Green Water Use (hm^3) (A) (Soil Water in Agriculture)	993	131	175	133	253	193	37	75
Blue Water Use (hm^3) (A,I,S,H) (Groundwater + Surface water)	1049	136	47	161	343	131	54	182
Explotation of non renewable groundwater resources (hm^3)	**228**	**42**	**1**	**74**	**12**	**66**	**17**	**15**
Unconventional Water Use (hm^3) (A,I,S,H) (Desalinized + Reclaimed)	60	2	3	3	24	2	13	12
Total Water Use (A,I,S,H) (hm^3) (excludes green water)	2330	312	226	372	632	392	121	285
Total Water Consumption (A,I,S,H) (hm^3)	890	98	35	137	282	113	57	169
Water Exploitation Index (WEI) (Blue.Use/Blue.Renew)	1.09	1.32	0.90	1.59	0.85	1.90	1.20	0.93
Water Consumption Index (WEI+) (Consumption/Exploitable Resourc.)	0.87	0.93	0.63	1.30	0.66	1.60	0.99	0.82

Consumptive activities: A = Agriculture; I = Industry; S = Services; H = Households
REWMUs: I = Headwater; II = North-west; III = Guadalentin valley; IV = Segura alluvial plain (Vega); V = North-East; VI = South-Coast; VII = Campo Cartagena

Availability-Exploitation indicators - Year 2004

REWMU	SRB - 2004	I - 2004	II - 2004	III - 2004	IV - 2004	V - 2004	VI - 2004	VII - 2004
Population size	1,795,088	67,581	82,351	161,531	976,423	85,543	75,709	344,286
Area of REWMU (km2)	18931.46	5019.16	2396.20	3343.09	2816.79	2612.16	1141.77	1602.29
Availability indicators								
Inbasin renewable water resources (hm^3)	761.31	102.83	47.43	54.51	335.30	84.33	15.59	99.02
External renewable water resources inflows (interbasin inflows) (hm^3)	445.46	0.26	11.85	76.04	178.44	1.14	33.84	144.02
Actual external renewable water resources (inflows - outflows) (hm^3)	352.66	0.21	9.38	60.20	141.26	0.90	26.79	114.01
Total renewable water resources (hm^3)	1206.77	103.09	59.27	130.55	513.74	85.47	49.43	243.03
Blue renewable water resources (in) (hm^3)	1113.97	103.04	56.80	114.71	476.56	85.23	42.38	213.03
Exploitable water resources (hm^3) (Blue + Grey)	1165.91	105.47	60.31	117.63	496.29	87.09	54.31	222.54
Dependency ratio (Act.Ext.Renew./Blue.Renew)	0.32	0.00	0.17	0.52	0.30	0.01	0.63	0.54
Per capita renewable resources (m^3/person)	620.56	1524.74	689.79	710.15	488.07	996.38	559.82	618.76
Water crodwing (person/hm^3)	1611	656	1450	1408	2049	1004	1786	1616
Density of internal resources (hm^3/km^2)	0.06	0.02	0.02	0.03	0.17	0.03	0.04	0.13
Exploitation indicators								
Green Water Use (hm^3) (A) (Soil Water in Agriculture)	1041	131	173	135	293	200	37	76
Blue Water Use (hm^3) (A,I,S,H) (Groundwater + Surface water)	1297	136	54	192	456	146	61	232
Explotation of non renewable groundwater resources (hm^3)	**232**	**42**	**1**	**75**	**14**	**67**	**18**	**15**
Unconventional Water Use (hm^3) (A,I,S,H) (Desalinized + Reclaimed)	56	2	3	3	22	2	12	12
Total Water Use (A,I,S,H) (hm^3) (excludes green water)	2626	312	231	406	784	415	128	334
Total Water Consumption (A,I,S,H) (hm^3)	1085	98	41	162	365	127	63	213
Water Exploitation Index (WEI) (Blue.Use/Blue.Renew)	1.16	1.32	0.95	1.67	0.96	1.72	1.44	1.09
Water Consumption Index (WEI+) (Consumption/Exploitable Resourc.)	0.93	0.93	0.67	1.38	0.73	1.45	1.16	0.96

Consumptive activities: A = Agriculture; I = Industry; S = Services; H = Households
REWMUs: I = Headwater; II = North-west; III = Guadalentin valley; IV = Segura alluvial plain (Vega); V = North-East; VI = South-Coast; VII = Campo Cartagena

Availability-Exploitation indicators - Year 2003

REWMU	SRB - 2003	I - 2003	II - 2003	III - 2003	IV - 2003	V - 2003	VI - 2003	VII - 2003
Population size	1,760,320	67,581	81,449	158,647	956,849	84,314	73,521	336,541
Area of REWMU (km2)	18931.46	5019.16	2396.20	3343.09	2816.79	2612.16	1141.77	1602.29
Availability indicators								
Inbasin renewable water resources (hm^3)	755.14	102.83	47.14	54.05	331.89	84.09	15.33	97.84
External renewable water resources inflows (interbasin inflows) (hm^3)	597.11	0.26	17.95	100.03	246.71	1.75	48.04	182.38
Actual external renewable water resources (inflows - outflows) (hm^3)	498.73	0.21	15.00	83.55	206.06	1.47	40.12	152.33
Total renewable water resources (hm^3)	1352.25	103.09	65.09	154.08	578.60	85.84	63.36	280.22
Blue renewable water resources (in) (hm^3)	1253.87	103.04	62.13	137.60	537.95	85.56	55.45	250.17
Exploitable water resources (hm^3) (Blue + Grey)	1296.33	105.47	65.10	139.62	552.02	87.31	66.92	257.86
Dependency ratio (Act.Ext.Renew./Blue.Renew)	0.40	0.00	0.24	0.61	0.38	0.02	0.72	0.61
Per capita renewable resources (m^3/person)	712.30	1524.74	762.86	867.31	562.21	1014.72	754.18	743.36
Water crodwing (person/hm^3)	1404	656	1311	1153	1779	985	1326	1345
Density of internal resources (hm^3/km^2)	0.07	0.02	0.03	0.04	0.19	0.03	0.05	0.16
Exploitation indicators								
Green Water Use (hm^3) (A) (Soil Water in Agriculture)	1013	131	166	137	261	206	37	78
Blue Water Use (hm^3) (A,I,S,H) (Groundwater + Surface water)	1303	136	55	193	460	146	64	229
Explotation of non renewable groundwater resources (hm^3)	**228**	**42**	**1**	**74**	**12**	**67**	**17**	**15**
Unconventional Water Use (hm^3) (A,I,S,H) (Desalinized + Reclaimed)	46	2	3	2	16	2	12	9
Total Water Use (A,I,S,H) (hm^3) (excludes green water)	2590	312	225	406	749	421	130	330
Total Water Consumption (A,I,S,H) (hm^3)	1082	98	41	162	363	126	66	208
Water Exploitation Index (WEI) (Blue.Use/Blue.Renew)	1.04	1.32	0.89	1.40	0.86	1.71	1.16	0.91
Water Consumption Index (WEI+) (Consumption/Exploitable Resourc.)	0.83	0.93	0.63	1.16	0.66	1.45	0.98	0.81

Consumptive activities: A = Agriculture; I = Industry; S = Services; H = Households
REWMUs: I = Headwater; II = North-west; III = Guadalentin valley; IV = Segura alluvial plain (Vega); V = North-East; VI = South-Coast; VII = Campo Cartagena

Availability-Exploitation indicators - Year 2002

REWMU	SRB - 2002	I - 2002	II - 2002	III - 2002	IV - 2002	V - 2002	VI - 2002	VII - 2002
Population size	1,688,309	67,581	80,096	153,398	912,717	82,105	69,208	322,234
Area of REWMU (km2)	18931.46	5019.16	2396.20	3343.09	2816.79	2612.16	1141.77	1602.29
Availability indicators								
Inbasin renewable water resources (hm^3)	705.34	102.83	44.44	52.74	302.82	77.88	14.78	98.15
External renewable water resources inflows (interbasin inflows) (hm^3)	505.11	0.26	14.03	87.99	210.54	1.16	41.09	150.08
Actual external renewable water resources (inflows - outflows) (hm^3)	402.69	0.21	11.18	70.15	167.85	0.92	32.76	119.65
Total renewable water resources (hm^3)	1210.45	103.09	58.47	140.73	513.36	79.04	55.87	248.24
Blue renewable water resources (in) (hm^3)	1108.03	103.04	55.62	122.89	470.67	78.80	47.54	217.80
Exploitable water resources (hm^3) (Blue + Grey)	1145.83	105.47	58.32	124.49	482.04	80.48	58.76	224.56
Dependency ratio (Act.Ext.Renew./Blue.Renew)	0.36	0.00	0.20	0.57	0.36	0.01	0.69	0.55
Per capita renewable resources (m^3/person)	656.30	1524.74	694.42	801.11	515.67	959.80	686.88	675.92
Water crodwing (person/hm^3)	1524	656	1440	1248	1939	1042	1456	1479
Density of internal resources (hm^3/km^2)	0.06	0.02	0.02	0.04	0.17	0.03	0.04	0.14
Exploitation indicators								
Green Water Use (hm^3) (A) (Soil Water in Agriculture)	1036	131	166	134	284	208	37	78
Blue Water Use (hm^3) (A,I,S,H) (Groundwater + Surface water)	1253	136	53	191	437	141	63	222
Explotation of non renewable groundwater resources (hm^3)	**228**	**42**	**1**	**74**	**12**	**67**	**18**	**15**
Unconventional Water Use (hm^3) (A,I,S,H) (Desalinized + Reclaimed)	41	2	2	2	13	2	11	8
Total Water Use (A,I,S,H) (hm^3) (excludes green water)	2558	312	222	401	747	417	128	323
Total Water Consumption (A,I,S,H) (hm^3)	1037	98	39	161	343	122	64	202
Water Exploitation Index (WEI) (Blue.Use/Blue.Renew)	1.13	1.32	0.95	1.56	0.93	1.79	1.32	1.02
Water Consumption Index (WEI+) (Consumption/Exploitable Resourc.)	0.90	0.93	0.66	1.29	0.71	1.51	1.09	0.90

Consumptive activities: A = Agriculture; I = Industry; S = Services; H = Households
REWMUs: I = Headwater; II = North-west; III = Guadalentin valley; IV = Segura alluvial plain (Vega); V = North-East; VI = South-Coast; VII = Campo Cartagena

Availability-Exploitation indicators - Year 2001

REWMU	SRB - 2001	I - 2001	II - 2001	III - 2001	IV - 2001	V - 2001	VI - 2001	VII - 2001
Population size	1,624,047	67,581	78,812	148,369	871,635	80,148	65,606	311,192
Area of REWMU (km2)	18931.46	5019.16	2396.20	3343.09	2816.79	2612.16	1141.77	1602.29
Availability indicators								
Inbasin renewable water resources (hm^3)	849.40	102.83	52.25	57.30	385.63	94.73	16.55	100.57
External renewable water resources inflows (interbasin inflows) (hm^3)	609.24	0.26	18.80	118.88	230.52	1.51	56.89	182.38
Actual external renewable water resources (inflows - outflows) (hm^3)	510.37	0.21	15.75	99.58	193.11	1.26	47.66	152.78
Total renewable water resources (hm^3)	1458.64	103.09	71.04	176.17	616.15	96.24	73.44	282.95
Blue renewable water resources (in) (hm^3)	1359.77	103.04	67.99	156.88	578.74	96.00	64.21	253.36
Exploitable water resources (hm^3) (Blue + Grey)	1396.86	105.47	70.65	158.43	589.77	97.64	75.37	259.95
Dependency ratio (Act.Ext.Renew./Blue.Renew)	0.38	0.00	0.23	0.63	0.33	0.01	0.74	0.60
Per capita renewable resources (m^3/person)	837.28	1524.74	862.71	1057.36	663.97	1197.72	978.72	814.14
Water crodwing (person/hm^3)	1194	656	1159	946	1506	835	1022	1228
Density of internal resources (hm^3/km^2)	0.07	0.02	0.03	0.05	0.21	0.04	0.06	0.16
Exploitation indicators								
Green Water Use (hm^3) (A) (Soil Water in Agriculture)	955	131	160	129	227	195	36	79
Blue Water Use (hm^3) (A,I,S,H) (Groundwater + Surface water)	1435	136	62	216	517	157	75	237
Explotation of non renewable groundwater resources (hm^3)	**243**	**42**	**1**	**78**	**19**	**68**	**20**	**15**
Unconventional Water Use (hm^3) (A,I,S,H) (Desalinized + Reclaimed)	40	2	2	2	13	2	11	8
Total Water Use (A,I,S,H) (hm^3) (excludes green water)	2674	312	226	424	776	422	143	339
Total Water Consumption (A,I,S,H) (hm^3)	1177	98	45	181	402	136	76	215
Water Exploitation Index (WEI) (Blue.Use/Blue.Renew)	1.06	1.32	0.91	1.38	0.89	1.64	1.18	0.94
Water Consumption Index (WEI+) (Consumption/Exploitable Resourc.)	0.84	0.93	0.64	1.14	0.68	1.39	1.00	0.83

Consumptive activities: A = Agriculture; I = Industry; S = Services; H = Households
REWMUs: I = Headwater; II = North-west; III = Guadalentin valley; IV = Segura alluvial plain (Vega); V = North-East; VI = South-Coast; VII = Campo Cartagena

Availability-Exploitation indicators - Year 2000

REWMU	SRB - 2000	I - 2000	II - 2000	III - 2000	IV - 2000	V - 2000	VI - 2000	VII - 2000
Population size	1,562,329	67,581	76,933	141,152	838,252	76,904	61,218	300,289
Area of REWMU (km2)	18931.46	5019.16	2396.20	3343.09	2816.79	2612.16	1141.77	1602.29
Availability indicators								
Inbasin renewable water resources (hm^3)	647.48	102.83	41.50	51.05	268.94	70.85	14.01	98.31
External renewable water resources inflows (interbasin inflows) (hm^3)	558.46	0.26	18.66	89.70	233.77	1.70	44.47	169.90
Actual external renewable water resources (inflows - outflows) (hm^3)	457.91	0.21	15.30	73.55	191.68	1.39	36.47	139.31
Total renewable water resources (hm^3)	1205.94	103.09	60.16	140.75	502.71	72.55	58.49	268.20
Blue renewable water resources (in) (hm^3)	1105.40	103.04	56.80	124.60	460.62	72.24	50.48	237.62
Exploitable water resources (hm^3) (Blue + Grey)	1141.75	105.47	59.41	126.07	471.36	73.83	61.56	244.05
Dependency ratio (Act.Ext.Renew./Blue.Renew)	0.41	0.00	0.27	0.59	0.42	0.02	0.72	0.59
Per capita renewable resources (m^3/person)	707.53	1524.74	738.32	882.72	549.50	939.35	824.61	791.29
Water crodwing (person/hm^3)	1413	656	1354	1133	1820	1065	1213	1264
Density of internal resources (hm^3/km^2)	0.06	0.02	0.02	0.04	0.16	0.03	0.04	0.15
Exploitation indicators								
Green Water Use (hm^3) (A) (Soil Water in Agriculture)	960	131	150	130	236	205	33	74
Blue Water Use (hm^3) (A,I,S,H) (Groundwater + Surface water)	1189	136	51	184	402	136	62	218
Explotation of non renewable groundwater resources (hm^3)	**240**	**42**	**1**	**77**	**17**	**68**	**19**	**15**
Unconventional Water Use (hm^3) (A,I,S,H) (Desalinized + Reclaimed)	39	2	2	1	13	2	11	8
Total Water Use (A,I,S,H) (hm^3) (excludes green water)	2428	312	205	393	667	411	126	314
Total Water Consumption (A,I,S,H) (hm^3)	984	98	38	155	315	117	64	198
Water Exploitation Index (WEI) (Blue.Use/Blue.Renew)	1.08	1.32	0.90	1.48	0.87	1.88	1.23	0.92
Water Consumption Index (WEI+) (Consumption/Exploitable Resourc.)	0.86	0.93	0.63	1.23	0.67	1.59	1.03	0.81

Consumptive activities: A = Agriculture; I = Industry; S = Services; H = Households
REWMUs: I = Headwater; II = North-west; III = Guadalentin valley; IV = Segura alluvial plain (Vega); V = North-East; VI = South-Coast; VII = Campo Cartagena