

**PILOT RIVER BASIN EXERCISE PHASE II  
2005-2006**

**DRAFT JOINT WORK PLAN  
WG D ON REPORTING & PRBs Duero**

**1. INTRODUCTION**

Duero River Basin and the Spanish Environment Ministry are including in the CIS phase II, in the Working Group D on Reporting. The overall objective of this Working Group is to identify information and data to be transmitted and to prepare guidance documents on the transmission and processing of the information and data gathered.

**2. WG D OBJECTIVES AND KEY AREAS<sup>1</sup>**

Duero River Basin Authority is involved in the Pilot river Basin Network to test the development of the guidance document of the Reporting WG.

The key activities to carry out are:

- To develop relevant and useful tools to facilitate and improve the electronic reporting of Spanish information to WISE system.
- To check GIS and WISE tools made for EC, JRC and others, with the target of helping the reporting process.

**3. PRBs INVOLVED IN THE ACTIVITY OF WG D**

**1. Short description of Duero PRB**

The Duero river basin is the largest of the Iberian Peninsula, with a total surface of 97.290 km<sup>2</sup> out of which 78.954 km<sup>2</sup> are found within Spanish territory (this represents 15,6% of the total surface), the rest of it belonging to Portugal.

The main part of the basin is found within the CA of Castilla y Leon and, to a lesser extend, it also encloses territories belonging to the CCAA of Galicia, Cantabria, La Rioja, Castilla la Mancha, Extremadura y Madrid.

The climate is Mediterranean, remarkably continental owing to orographic isolation. It becomes slightly milder towards the border with Portugal due to the influence of the Atlantic Ocean. The average annual rainfall varies considerably, from values in the range of 550-400 mm/year in the central depression to 1800 mm/year in the surrounding mountain areas and 1.000 mm/year in the Cordillera Central and Ibérica. Rainfall is irregular, mainly from autumn to spring, but hardly any during the months of July and August.

It has a population of 2.2 million, mainly located in the most important cities. There are numerous villages with less than 1,000 inhabitants and hardly any town reaches 50,000 inhabitants. 50% of the population is located on the capitals of the provinces.

According to Article 5 of the WFD, a total of 359 surface water bodies and 31 ground water bodies are identified in the Duero river basin. Within the surface water bodies, 297 are found to be rivers, 6 are lakes, 6 are artificial water bodies and 50 are highly modified water bodies.

Regarding surface water bodies, 12 of them risk not achieving the environmental goals established by the Directive 2000/60/CE, 292 are awaiting survey and 49 are not at risk. Regarding ground water bodies, 3 of them risk not to achieve the environmental objectives established by the above mentioned Directive.

The natural average discharge of the Spanish basin is 13.558 hm<sup>3</sup>/year, including surface and ground water resources.

The most important water use is irrigation, with over 3.603 hm<sup>3</sup>/year. Irrigated areas are about the 6% of the basin surface, and amounts to 93% of the total water uses. Urban supply use 214 hm<sup>3</sup>/year and industrial 43 hm<sup>3</sup>/year. Near 10% of this consumptive demands are supply with groundwater. Furthermore, the Duero Basin Hydrological Plan assigns approximately 745 hm<sup>3</sup>/year downstream to the main reservoirs for environmental objectives.

## 2. description interests/links/contributions PRB to WG of concern

- To contribute to develop and to draft guidance documents for the transmission and processing of information and data gathered under the WFD.
- To develop relevant and useful tools to facilitate and improve the electronic reporting of Spanish information to the WISE system. At present, Duero River Basin Authority is involved in building up both a WFD data repository and a spatial data infrastructure node according to the principles of INSPIRE. This node could be developed and used to check transmissions and interoperable procedures with WISE.
- To check GIS and WISE tools made for EC, through JRC, WRc and others, with the target of helping the reporting process.

## 4. AGREED EXPECTED OUTCOMES AND TASKS

Mainly two:

- To work on an intermediate tool to aggregate the articles 5, 6 and 8 information from each Spanish District.
- To play a relevant role in the development of the RBMP guide on reporting.

## 5. DETAILED TIMETABLE AND MILESTONES

Actions and by whom	2005				2006											
	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
Contributions on draft documents.																
Develop relevant and useful tools to facilitate and improve the electronic reporting																
To check GIS and WISE tools																

## 6. ORGANISATION AND COMMUNICATION

Duero River Basin Authority members will attend meetings and workshops to contribute with their ideas and bring up new topics of interest based on their experiences. They will also review the related documents to improve them.

## 7. CONTACT INFORMATION

### WG LEADERS

Name	Organisation	E-mail	Telephone
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### PRB CONTACT PERSONS

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