

IMPLEMENTATION AND FUNDING OF MEASURES IN SPAIN

Tatiana Ortega Gómez

Júcar River Basin Authority



INDEX

- Distribution of water competences in Spain
- The hydrological planning process
- The Júcar River Basin District description
- The programme of measures in JRBD
- Future challenges for water policy in JRBD



Distribution of competences in Spain

- The **distribution of competences** in regards to water in Spain is regulated by the Spanish Constitution from 1978
- Competences on water resources and environment are **shared between the central and the 17 regional government administration**

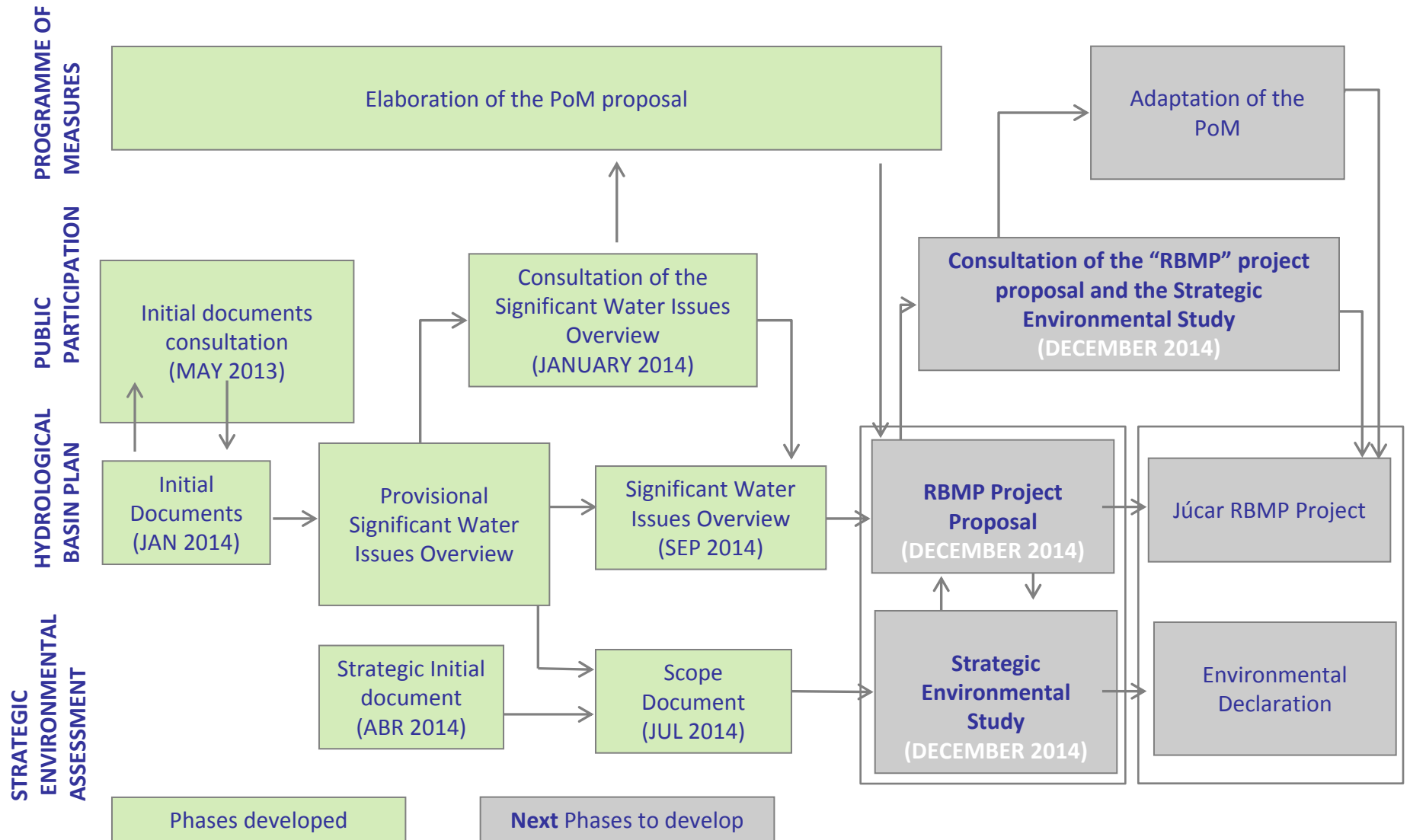
- **National**
RBD > RBMP
- **Regional**
Sanitation
Environment





The hydrological planning process according to WFD

2nd Hydrological Planning Cycle - Current Status in Spain (2015/2021)



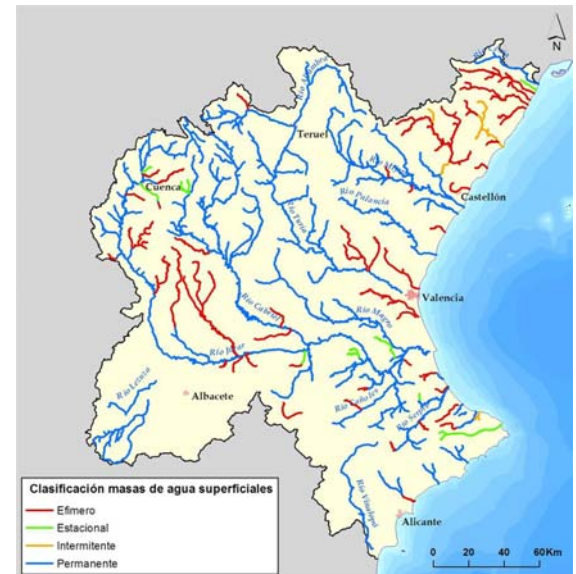
River Basin Management Plans :

- Are public and binding, **approved by Royal Decree.**
- Their territorial scope is the river basin district, defined by Royal Decree.
- **Programme actions to develop in order to meet demands and reach environmental objectives, in a context of scarcity conditions.**



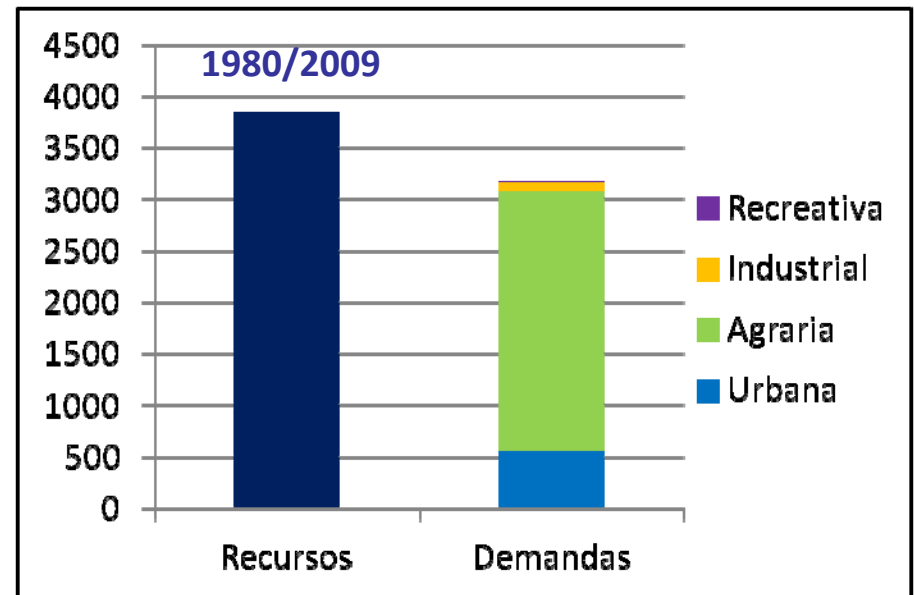
The Júcar River Basin District

- District surface: 42.735 Km².
- According to its Mediterranean character, **only 72% of rivers enjoy a permanent hydrological regimen.**
- Differently from other European districts, like Danube, presents the singularity of having several river basins of certain importance.



- The **Júcar Hydrological District** shows a fragile imbalance between resources and demands
- There are sites of high environmental value
- Some areas suffer high water stress

Resources and demands in the Júcar River Basin District



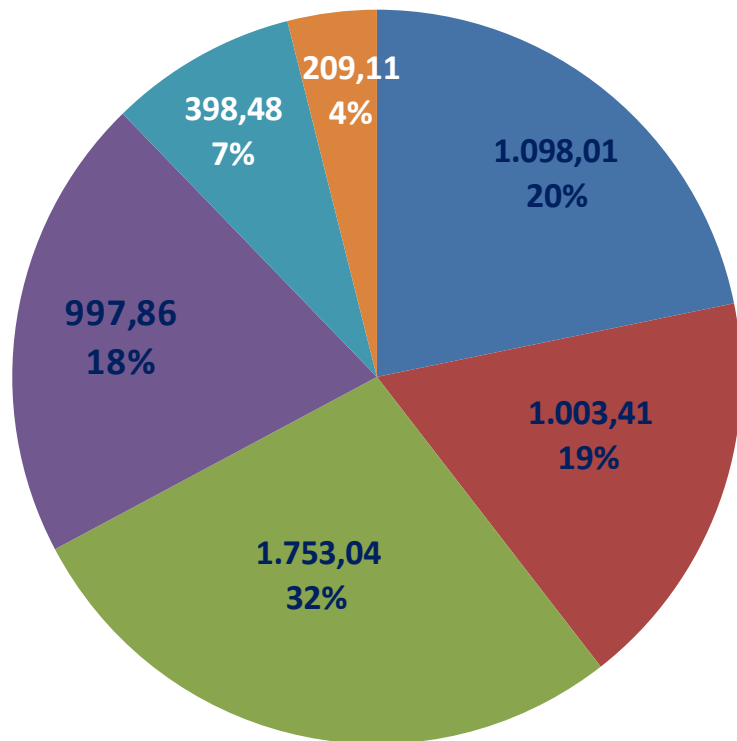


The Programme of Measures in Júcar River Basin District

- The Programmes of Measures aim to satisfy the environmental objectives of D2000/60/CE with a basic or complementary character.
- **They include the measures approved by the competent administrations on water protection within their competence scope.**
- Those competent administrations (**national, regional or local**) provide the river basin authority the necessary information to keep the programme updated

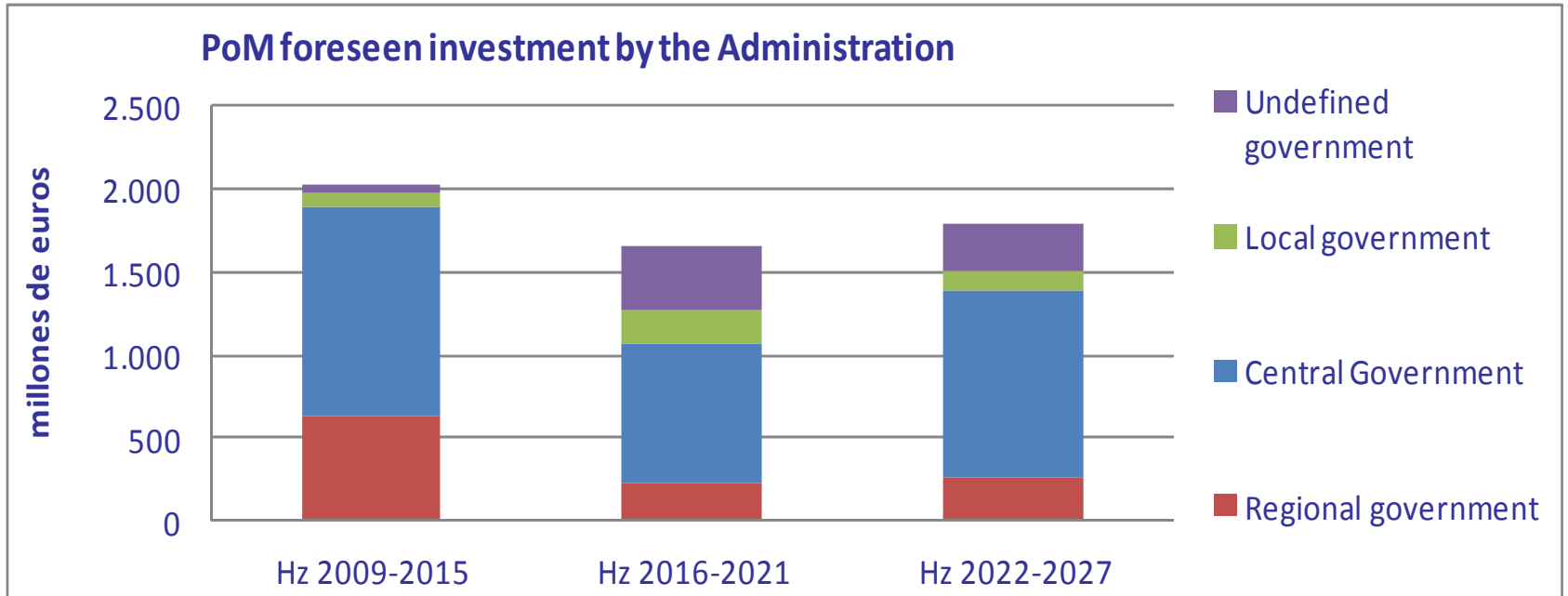
Strategic line	Investment 2009-2015 Mill €	Investment 2016-2021 Mill €	Investment 2022-2027 Mill €	Total investment 2009-2027 Mill €
Water body quality improvement	409,3	418,05	170,57	997,91
Improvement of the surface hydromorphological conditions	189,17	155,91	53,36	398,44
Demand management	352,71	353,69	297,02	1.003,42
Resources availability increase	653,18	515,65	584,18	1.753,01
Flood risk management	325,11	149,36	623,51	1.097,98
Rest of measures in compliance with WFD	91,35	56,7	61,09	209,14
TOTAL	2.020,82	1.649,36	1.789,73	5.459,91

- Total investment 2009-2027: 5.459 Million EUR**



STRATEGIC INVESTMENT MEASURES

- Flood risk management
- Demand management measures
- Water resources availability increase measures
- Quality improvement in water bodies
- Improvement of the surface hydromorphological conditions
- Rest of measures in compliance with WFD





Future challenges for water policy in Júcar River Basin District



- Complex distribution of water competences
- Heavy administrative procedure until the formal approval of the River Basin Management Plans
- Providing users with more guarantees and security of water supply
- Higher protection before extreme phenomena: droughts and floods
- Integrating non-conventional resources (desalination and reutilisation) in economic and management systems
- Water treatment and sanitation improvement



Thank you for your attention