

The Water JPI

Joint Programming Initiative
Water Challenges for a Changing
World



Water JPI Secretariat,



Joint Programming for dummies



What a JPI
is and is not

Joint Programming

- Is
 - Coordination of the national / regional, public, research, development and innovation programmes in Europe
 - A process based on variable geometry
 - A new way to address RDI problems with European dimension
- Is not
 - An ERANET, although it relates to ERANETs
 - A EU driven process, although the EU is following and feeding the process

Joint Programming

- Ten JPIs evolving
 - Process started in 2008
- The Water JPI started in 2010
 - Years of intense preparation and building trust
 - Coordinated by Spain
 - Co-coordinated by The Netherlands



Current Water JPI Partners and Observers



A group of committed
and motivated
research managers

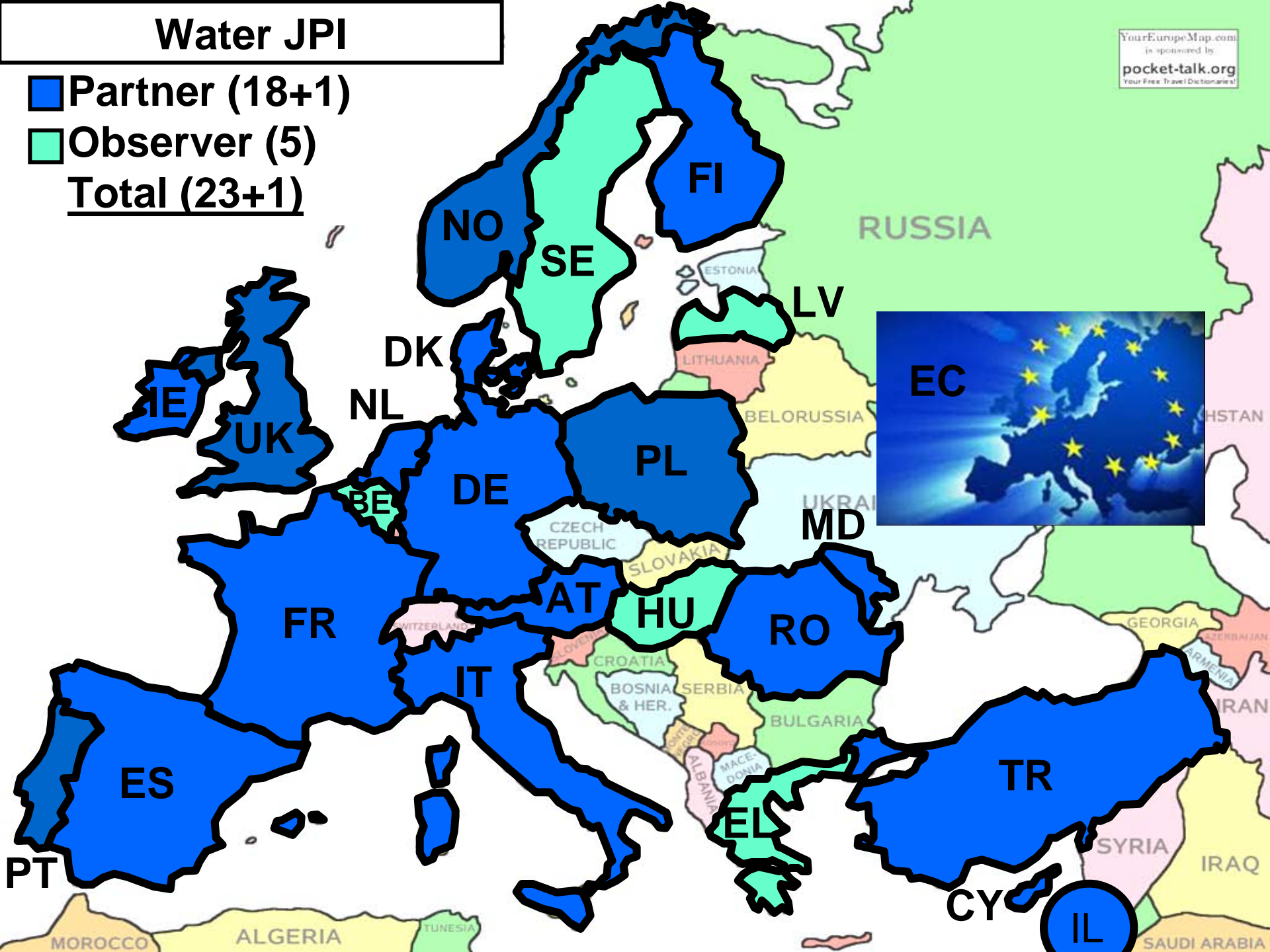
Water JPI

■ Partner (18+1)

■ Observer (5)

Total (23+1)

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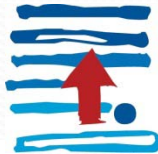


JPI Partners: the Programme Logo Gallery

Cyprus



Research
Promotion
Foundation



Research
Promotion
Foundation

MINISTRY OF AGRICULTURE
NATURAL RESOURCES AND ENVIRONMENT



PLANNING BUREAU

Denmark



Danish Agency for Science
Technology and Innovation
Ministry of Science
Technology and Innovation



Danish Ministry
of the Environment

Finland

AKVA GROUP

ACADEMY OF FINLAND



TEKES



Water

METLA

VTT

mmm.fi

MINISTRY OF AGRICULTURE AND FORESTRY

Ministry of Education and Culture

Opetus- ja kulttuuriministeriö

Undervisnings- och kulturministeriet



S Y K E

Germany

Water
JPI



Bundesministerium
für Bildung
und Forschung



FONA
Research for Sustainable
Development
BMBF



JÜLICH
FORSCHUNGSZENTRUM

JPI Partners: the Programme Logo Gallery

France



Ireland



Israel



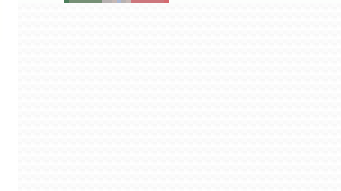
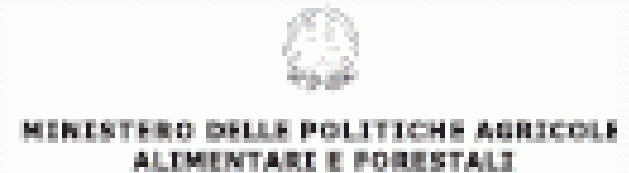
Moldova



Academy of
Sciences of
Moldova

JPI Partners: the Programme Logo Gallery

Italy



The Netherlands



Norway



NORWEGIAN DIRECTORATE
FOR NATURE MANAGEMENT



JPI Partners: the Programme Logo Gallery

Poland



Ministry
of Science
and Higher
Education

Republic of Poland

European Regional Centre for Ecohydrology
under the auspices of UNESCO
International Institute of the Polish Academy of Sciences

Portugal



MCTES MINISTÉRIO DA CIÊNCIA, TECNOLOGIA E ENSINO SUPERIOR
Ministry of Science, Technology and Higher Education

Romania



UE fiscodi

Spain



GOBIERNO
DE ESPAÑA

MINISTERIO
DE ECONOMÍA
Y COMPETITIVIDAD

Turkey



TÜBİTAK

The Scientific and Technological Research Council of Turkey

United Kingdom

NATURAL
ENVIRONMENT
RESEARCH COUNCIL



Centre for
Ecology & Hydrology

NATURAL ENVIRONMENT RESEARCH COUNCIL



Department for Environment
Food and Rural Affairs



Highlights on the Vision Document

Distilled information
obtained through
consensus

The vision document

- The grand challenge:
“Achieving Sustainable Water Systems for a Sustainable Economy in Europe and Abroad”



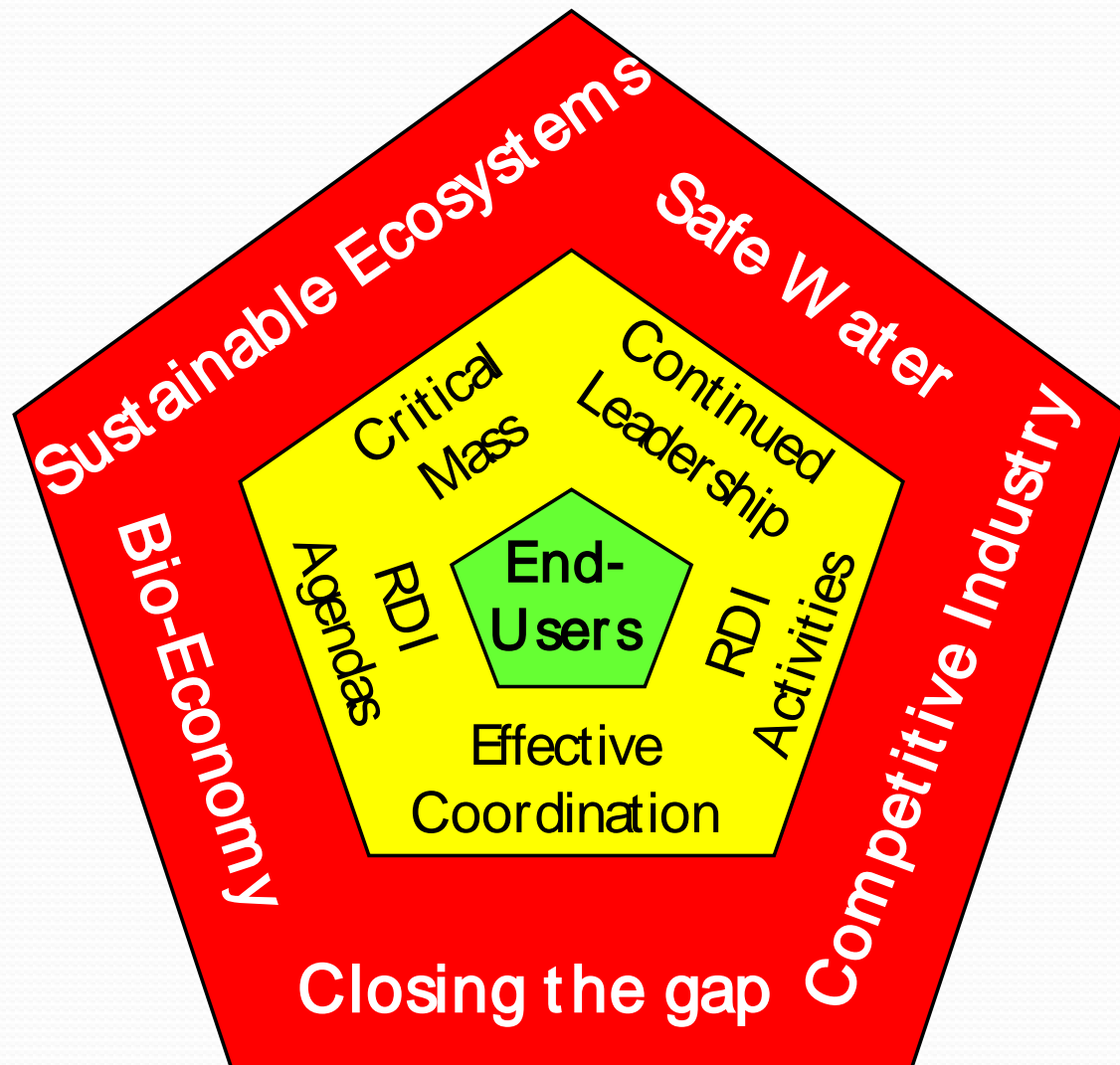
JPI Objectives

- Involving water end-users for effective RDI results uptake.
- Attaining critical mass of research programmes.
 - Involve at least two-thirds of the public National water RDI investment in Europe.
- Reaching effective, sustainable coordination of European water RDI.
- Harmonising National water RDI agendas in Partner Countries.
- Harmonising National water RDI activities in Partner Countries.
 - Develop a catalogue of jointly programmed activities whose global budget amounts to at least 20 % of the total water RDI budget of partner Programmes.
- Supporting European leadership in science and technology.

JPI Research Questions

- Maintaining Ecosystem Sustainability
- Developing safe water systems for the citizens
- Promoting competitiveness in the water industry
- Implementing a water-wise bio-based economy
- Closing the water cycle gap

Objectives and research questions





Water JPI Governance



Structuring the JPI
efforts, integrating
different actors

JPI Governance

- Governing Board, RDI Programme owners
 - Representatives from all partners
- Executive Board, RDI Programme managers
 - Representatives from all partners
- Scientific and Technological Board
 - 17 prominent Scientists 7 technologists
 - Dr. Barceló (P), Dr. Buisman (VP)
- Stakeholders Advisory Group
 - 11 prominent stakeholders
 - WssTP (P), Finnish Environmental Institute (VP)
- Secretariat



Mapping RDI funding in Europe



Identifying agents,
procedures, funding
and mechanisms

Outcome

- Country summary reports were produced for all countries (30 = JPI + rest of MS + some AC)
- Surveyed / Estimated mobilization of resources through the JPI:

Study Target	Countries	National Public RDI Funding (M€)	Funding respect to MS+AC (%)
Europe	MS	351	94
	AC	22	6
	MS + AC	372	100
Water JPI	Partners	328	88
	Observers	30	8
	Part. + Obs.	358	96

- The EC invests 130 M€/yr through the FP (average of FP6 and FP7 so far)
- Total investment in public RDI: about 500 M€/yr in MS+AC+EC



Upcoming activities



Getting quite busy in 2013 and beyond...

From internal to external communication

- Internal
 - 21 newsletters
 - Efforts to communicate and organize activities at our home institutions
- External
 - Web page released last July
 - Need to communicate to the European research and innovation communities

Issue # 19

EDITORIAL

This is the last Newsletter before summertime. We will be back in October 1st, with the new hydrologic year. It is time to ponder about what we have done in this course:

- We have enlarged the partnership from 14 to 17 members (16 countries plus the European Commission);
- We have enlarged our advisory bodies;
- We have met five times;
- We have attended 22 different meetings worldwide;
- We have consolidated the Water JPI as an influencing institution within the EU and abroad;
- Last but not least, we have prepared a three-year implementation plan, emerging from our shared vision.



PROGRESS IN WATEUR

The indicative date for the completion of WateUR negotiation is July 6th. Progress on this issue has been very intense, and the second iteration was submitted on June 29th.

The WateUR Consortium Agreement will be prepared right after summer, so that a framework for cooperation within this CSA is established before the onset of activities.

Certain WateUR workpackages are already meet to plan for the work ahead. This is great news and a clear indicator of future implementation success.



RESEARCH HIGHLIGHTS

Ground water extraction and sea level rise projections. The research group led by Water JPI Scientific and Technological Board Member Mark Bierkens has obtained a relevant scientific impact with their [paper](#) "Past and contribution of global groundwater level rise" (Wada et al., 2012).

www.waterjpi.eu

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Water challenges for a changing world

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Welcome

to the Joint Programming Initiative "Water challenges for a changing world" which aims at tackling the ambitious challenge of achieving sustainable water systems for a sustainable economy in Europe and abroad through a multidisciplinary approach

The economic challenge

The European water sector is of prime economic importance, as it offers jobs for thousands of citizens across Europe. Investments in water technology around the world increase every year, in a market which has become very competitive.

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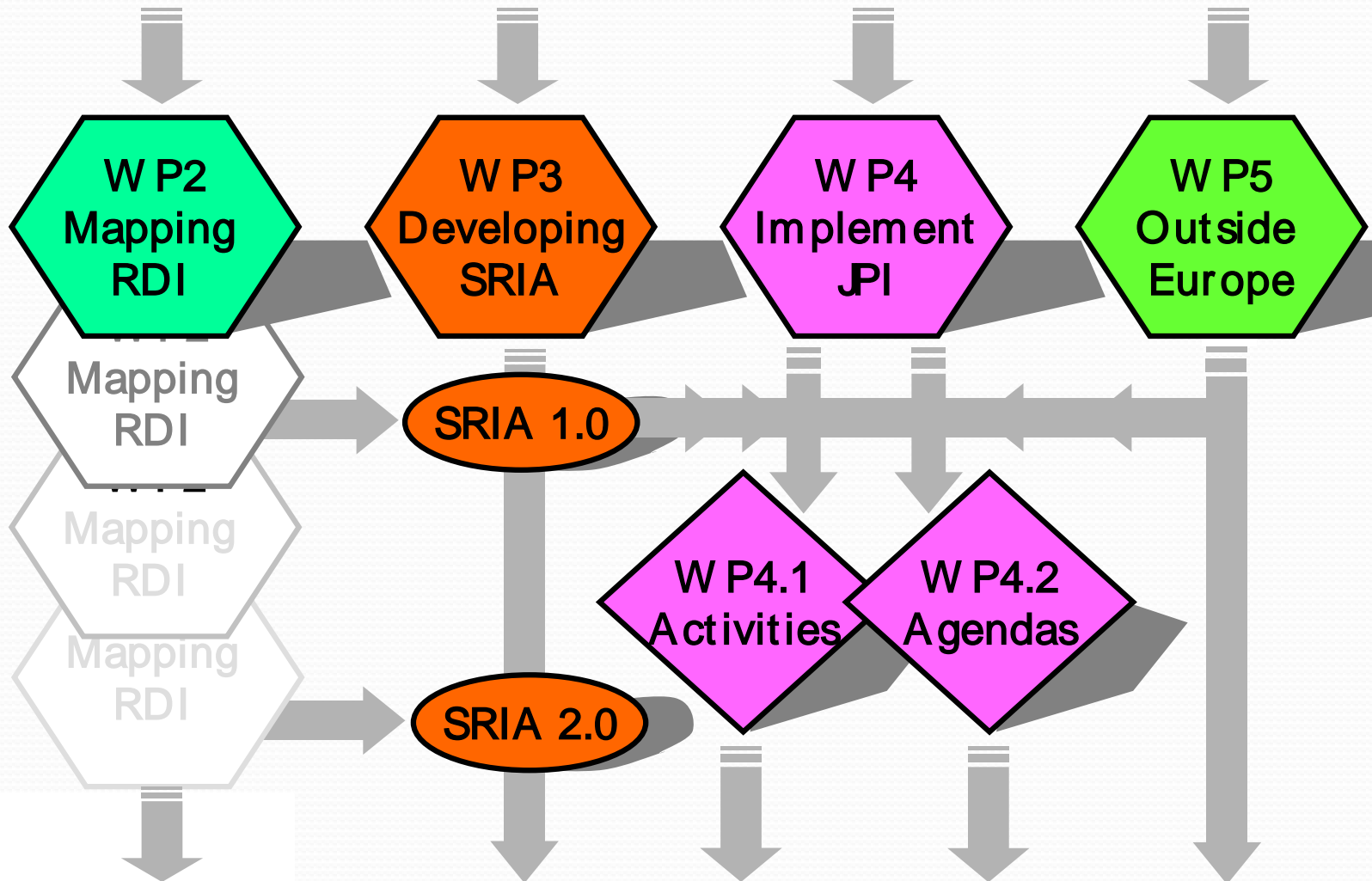
WatEUr, Tackling European Water Challenges



WatEUr, Tackling European Water Challenges

- An FP7 Coordination and Support Action
- 2 M€
- 17 partners
- January 2013 – December 2015
- Will boost Water JPI operation
- (Will require additional administration)

W P1. Management and Coordination



W P6. Communication and Dissemination

The EIP on Water

- We are (for the most part) upstream from the EIP
- Water JPI represented at the HLSG and the TF
- What can we do in relation to the EIP priorities?
 - Assess current state of research
 - Reveal research needs
 - Map existing innovation efforts
- We can start activities related to the priorities
 - Summarize research results
 - Network existing projects
 - Brokerage events on existing knowledge

...and beyond

- First activities planned for 2013:
 - Refine Mapping of R&I activities
 - Progress towards a Strategic Research and Innovation Agenda
 - First Pilot activities, including call(s) for proposals
 - Search for strategic Alliances outside Europe
 - Strengthen external communication
- Questions to be addressed through consultation and dialogue

