



# Water Research and Innovation

## From FP7 to Horizon 2020



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# WATER

## A major component of successive EU RTD programmes

- ✓ *A major environmental component and a major societal challenge*
- ✓ *A key element of EU environmental (water), climate change (adaptation), international and development cooperation policies (Rio+20)*
- ✓ *A sector of key economic importance and ready for innovation*

# EU major policy drivers for research and innovation in the water sector in the context of Horizon 2020

- ✓ *Innovation Union Flagship Initiative - European Innovation Partnership on Water*
- ✓ *Resource Efficiency Flagship Initiative*
- ✓ *Eco-Innovation Action Plan*
- ✓ *EU water related policies (Blueprint to safeguard Europe's waters)*
- ✓ *Joint Programming Initiative "Water challenges in a Changing World"*
- ✓ *Water related ETPs (WssTP, SusChem) and PPPs (SPIRE)*

## Our core values

- WssTP core values: **Innovation, Expertise, Professionalism and Team spirit**
- Strives to:
  - ✓ **Foster** collaborative, innovative and integrated European RTD & Innovation
  - ✓ **Enhance** the European Growth and Competitiveness of the Water Sector, Water-dependent large industries and support SMEs with a direct involvement
  - ✓ **Provide** Global answers to Global Challenges for the next generations
  - ✓ **Address** societal challenges of an integrated and sustainable management of water resources through RTD & Innovation
- **Membership-funded ETP**
- Strategic recommendations via **16 working groups**; 3 key documents, scientific reports



# Joint Programming Initiative 'Achieving Sustainable Water Systems for a Sustainable Economy in Europe and Abroad'



## ✓ *Vision*

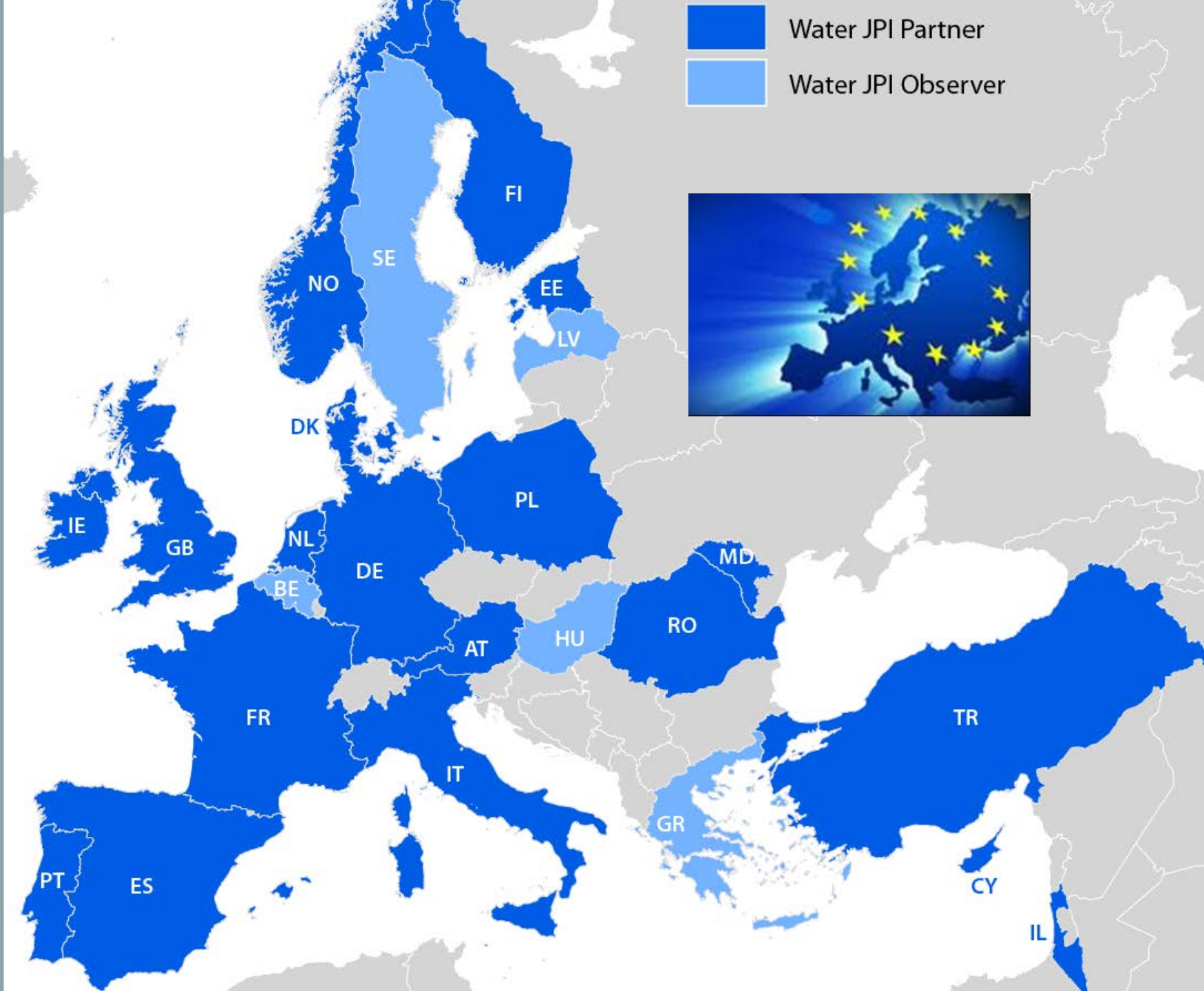
- Reaching effective, sustainable coordination of European water RDI
- Harmonizing national water RDI agendas and activities in Partner Countries
- Attaining critical mass of research programmes
- Supporting European leadership in science and technology
- Involving water end-users for effective RDI results uptake

## ✓ *Thematic Areas*

- 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

# 19 + 1 partners; 5 observers

-  Water JPI Partner
-  Water JPI Observer





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# EIP Water

Boosting opportunities – Innovating water

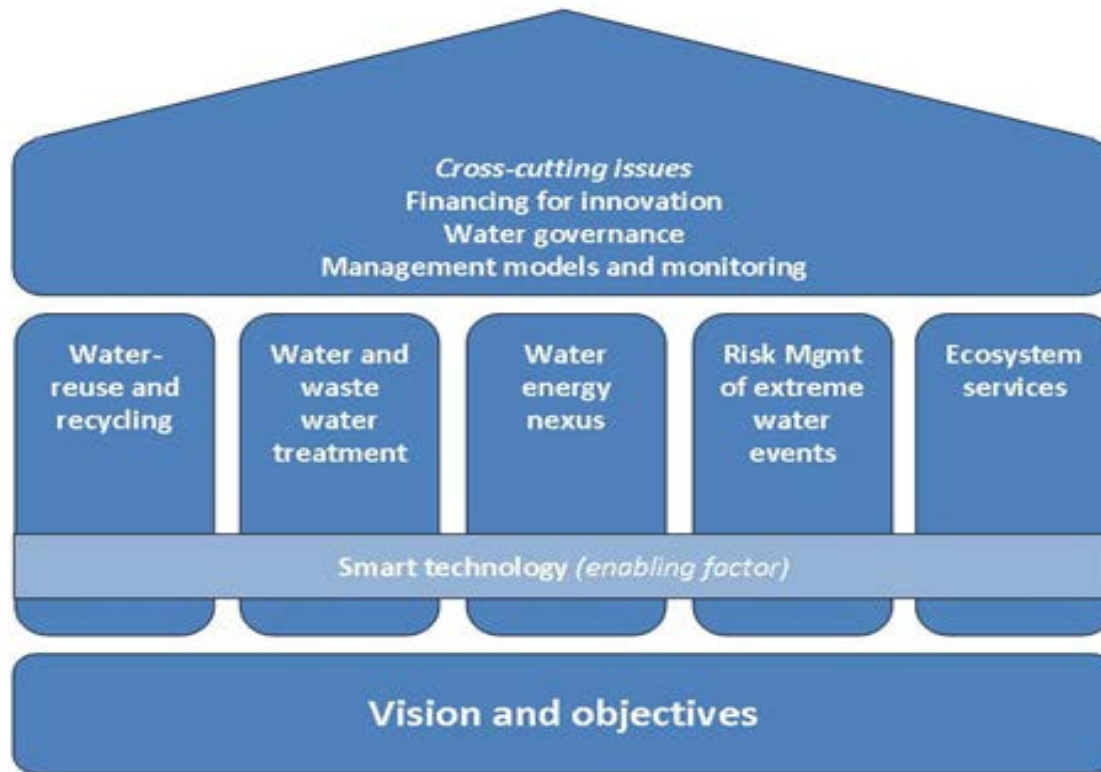
## *Objectives*





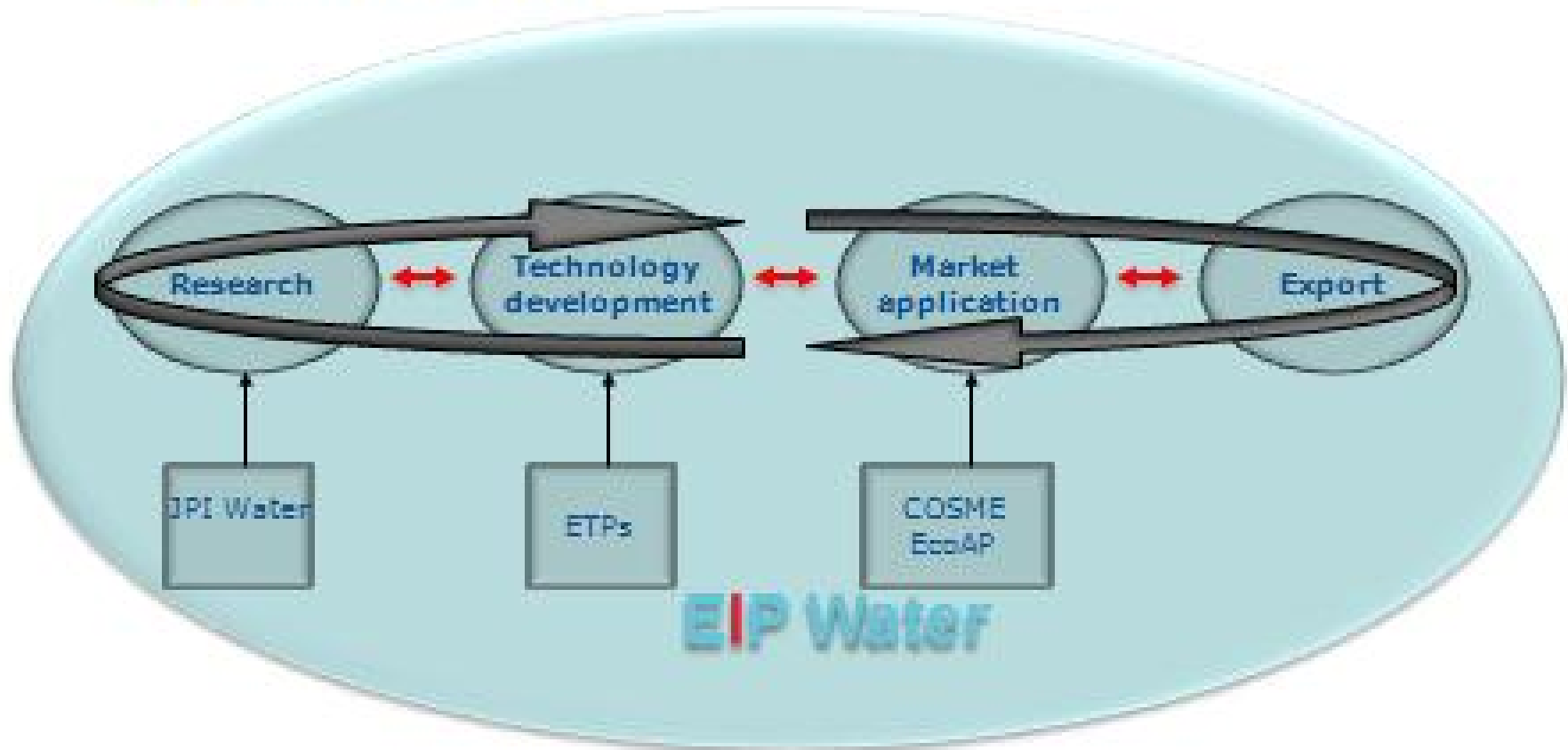
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# Strategic Implementation Plan - **Priorities**





# JPI and EIP



# EIP Water - Opportunities

**EIP Water** **Action Group**  
Pooling resources - Innovating water



**EIP Water** **Conference 2014**  
Connecting Innovation Demand and Supply



**and water**



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# SC5 Work Programme 2014-2015

## Focus Area

# Water innovation: Boosting its value for Europe

- ✓ *Reinforcing water innovation capacity and market uptake of successful research results*
- ✓ *Boost the competitiveness and growth of European water sector*
- ✓ *Create leadership in water resources management and positioning Europe as a global market leader in water related innovative solutions*
- ✓ *Support the needs of relevant EU water, innovation and resource efficient policies, international commitments and related initiatives.*



# SC5 Work Programme 2014-2015

## Overall budget for Water FA: 163M€

- ✓ **WATER-1-2014/2015** Bridging the gap: from innovative water solutions to market replication
- ✓ **WATER-2-2014/2015** Integrated approaches to water and climate change
- ✓ **WATER-3-2014/2015** Stepping up EU research and innovation cooperation in the water area
- ✓ **WATER-4-2014/2015** Harnessing EU water research and innovation results for industry, policy makers and citizens
- ✓ **WATER-5-2014/2015** Strengthening international R&I cooperation in the field of water



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# Prospects for water R&I in the 2016-2017 Horizon Work Programme

- ✓ *Water has been identified as an area for support in the context of the SC5 public consultation*
- ✓ *Maintain the momentum of the Water Innovation FA promoting investment of innovative solutions*
- ✓ *Putting water in the center of a systemic approach for eco-innovation and circular economy*
- ✓ *Help unlock public and private investments in the water sector*
- ✓ *Make wider use various Horizon 2020 financial instruments and create opportunities for synergies with other EU funds (Cohesion funds, LIFE+, etc.)*



# Thank you for your attention!

Find out more:

[www.ec.europa.eu/research/horizon2020](http://www.ec.europa.eu/research/horizon2020)