

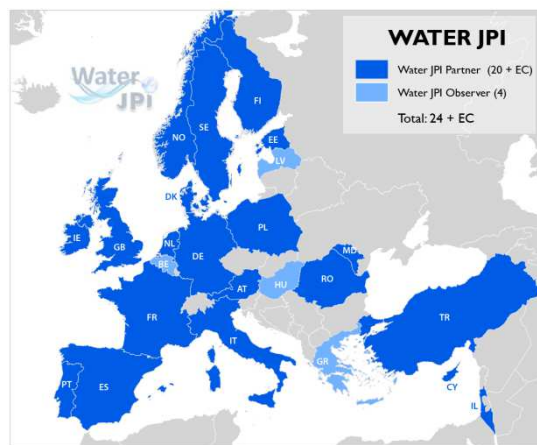
## WHAT ARE JPIS?

Joint Programming Initiatives are inter-governmental collaborations meant to tackle major societal challenges unable to be addressed by individual countries and in doing so contribute to the development of the European Research Area. Member States and Associated Countries participate in joint initiatives on a voluntary basis in order to increase the value of relevant national and European R&D funding through joint planning, implementation and evaluation of national research programmes.

Launched in 2010, the Joint Programming Initiative **Water challenges for a changing world, the Water JPI**, tackles the ambitious challenge of achieving sustainable water systems for a sustainable economy in Europe and abroad.



## WATER JPI Partners



Representing **88%** of the public expenditures for research, development and innovation in Europe

### Contacts

#### Coordinator

Dr Dominique DARMENDRAIL

✉ [dominique.darmendrail@agencerecherche.fr](mailto:dominique.darmendrail@agencerecherche.fr)

☎: (+33) 178088068 – 📞: (+33) 620750925

#### WATER JPI Secretariat

✉ [waterjpisecretariat@agencerecherche.fr](mailto:waterjpisecretariat@agencerecherche.fr)

☎: (+33) 178088120 / (+33) 173548155

ANR, 50 avenue Daumesnil, 75012 Paris, France

#### Communication & Media

Dr Elena Giusta, ISPRA

✉ [elena.giusta@isprambiente.it](mailto:elena.giusta@isprambiente.it)

☎: (+39) 06 50074172

Via Vitaliano Brancati 60, 00144 Roma, Italy



## WATER CHALLENGES FOR A CHANGING WORLD JOINT PROGRAMMING INITIATIVE

[www.waterjpi.eu](http://www.waterjpi.eu)



## THE KEY ISSUES

**Water is vital for life**, drinking, cleaning, flushing, food production in agriculture and for the manufacturing of many industrial products and commodities as well as for the preservation of fish and all other animals and plants that live in or under water.

The fast-growing world population is putting **massive pressure on Earth's water resources** by extracting too much water and polluting our rivers, lakes and groundwater with municipal, agricultural and industrial wastes. Global climate change is adding evermore pressure/stress since extreme events such as droughts and floods occur more frequently.

### Key figures

**0.7%** of global water resources as freshwater

Water uses in Europe: **44%** for agriculture, **24%** for energy, **16%** for Industry, **15%** for drinking water supply

**500,000** jobs, **€30 bn** turnover each year



## WATER JPI Objectives

- ❖ Providing and steering **research and innovation** in the water sector
- ❖ Reaching effective, sustainable **coordination** of European water research, development and innovation
- ❖ Harmonising national water **research agendas** and activities in partner countries
- ❖ Promoting **interactions and networking** between different communities (researchers, enterprises, policy-makers, civil society, etc.)
- ❖ Supporting **European leadership** in science and technology

### 5 main scientific themes

- 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

## WATER JPI Activities

- Setting up a **Strategic Research Agenda** with the relevant stakeholders
- Funding **European Research Projects** (through joint calls) in coordination with the European Commission and the European Union Member States



### Joint calls for proposals

**2014 pilot call: Emerging water contaminants – anthropogenic pollutants and pathogens.**

Budget: €9 M, 7 projects funded

**2015 call: Developing technological solutions and services for water distribution and measurement, waste water treatment and reuse, desalination, floods and droughts.**  
Budget: €15,2 M - under evaluation

**2016 call (with FACCE JPI): Improving water use efficiency and reducing soil and water pollution for a sustainable agriculture.**  
Expected budget: €26,1 M

- Developing **international cooperation** with countries beyond the European Union

