The Water JPI

Joint Programming Initiative
Water Challenges for a Changing World

Generic Master Presentation

(Short version)

October 2016

Joint Programming

- Is a new way to address RDI problems with (at least) European dimension
  - An initiative of European Member States and the European Commission
  - Aiming at coordinating national / regional, public, research, development and innovation programmes in Europe and at developing joint multilateral activities
  - A process based on variable geometry
- IS NOT
  - An ERA-NET, although it relates to ERA-NETs
  - An EU driven process, although the EU is following and feeding the process

10 JPIs since 2008

JPND research	Alzheimer and other Neurogenerative Diseases (JPND)
FACCEJPI	Agriculture, Food Security and Climate Change (FACCE)
JPI a healthy diet for a healthy life	A Healthy Diet for a Healthy Life (HDHL)
CULTURAL HERITAGE	Cultural Heritage: a Challenge for Europe (JPI CH)
URBAN EUROPE	Urban Europe - Global Urban Challenges, Joint European Solutions (Urban Europe)
JPI Climate	Connecting Climate Knowledge for Europe (Climate)
MORE YEARS BETTER LIVES	More Years, Better Lives - the Potential and Challenges of Demographic Change (MYBL)
jpiamr	Antimicrobial Resistance - The Microbial Challenge - An Emerging Threat to Human Health (JPIAMR)
Water JPI	Water Challenges for a Changing World (Water)
JPI OCEANS	Healthy and Productive Seas and Oceans (Oceans)

Main Objectives of Water JPI and Activites to Realise

OBJECTIVES

Reaching effective, sustainable coordination of European water RDI

Involving water end-users for effective RDI results uptake

Harmonising National water RDI agendas in Partner Countries

Supporting European leadership in science and technology

TOOLS / ACTIVITIES

Joint Call Management for providing and steering **research and innovation** in the water sector

Alignment of Research Agendas (SRIA Document and Implementation Plan) and RDI activities (including mapping activities and infrastructures)

International Cooperation (MoUs, Call Partnerships…)

Possible Joint Actions

- Shared strategic research & Innovation agenda
- Joint calls
- Demonstration programmes or launch of demonstration platforms
- Access to key infrastructures, observatories
- Knowledge hub (Including development of policy briefs, innovation factsheets)
- Joint events / conferences / workshops / webinars
- Brokerage events / roadshows
- Training and capacity building
- Mobility schemes (for researchers, for research programmes managers)
- Connections with leading research networks (e.g. COST Actions)

Implementation Plan principles

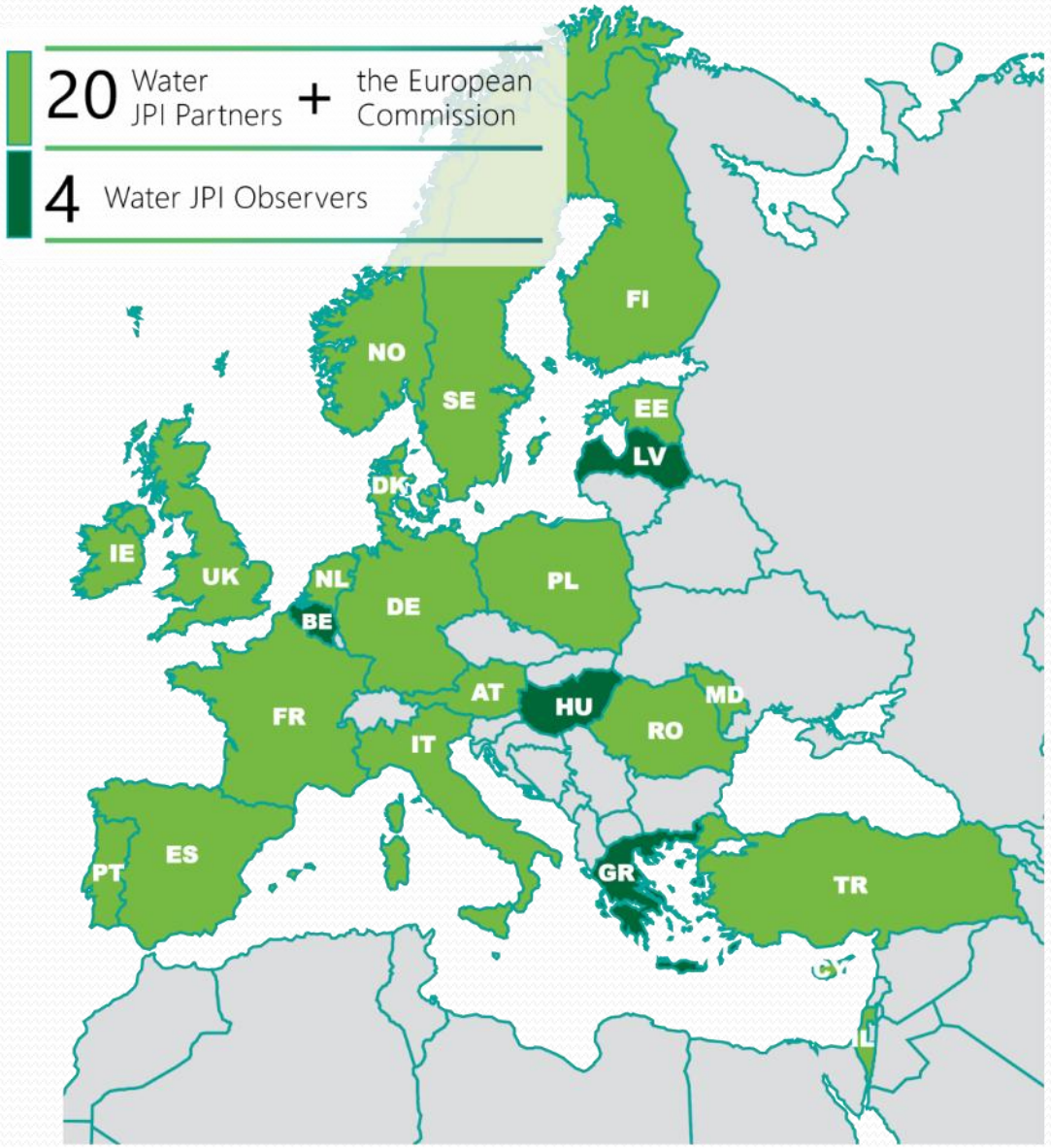
- Variable geometry
  Water JPI partners only participate in activities of their specific interest
- Flexibility
  This supports the development of activities responding to partners' needs and opportunities
- Responsiveness
  The Water JPI provides an enabling environment: the water challenge is tackled through specific and tailored activities

Current Water JPI Partners and Observers

A group of committed and motivated research managers

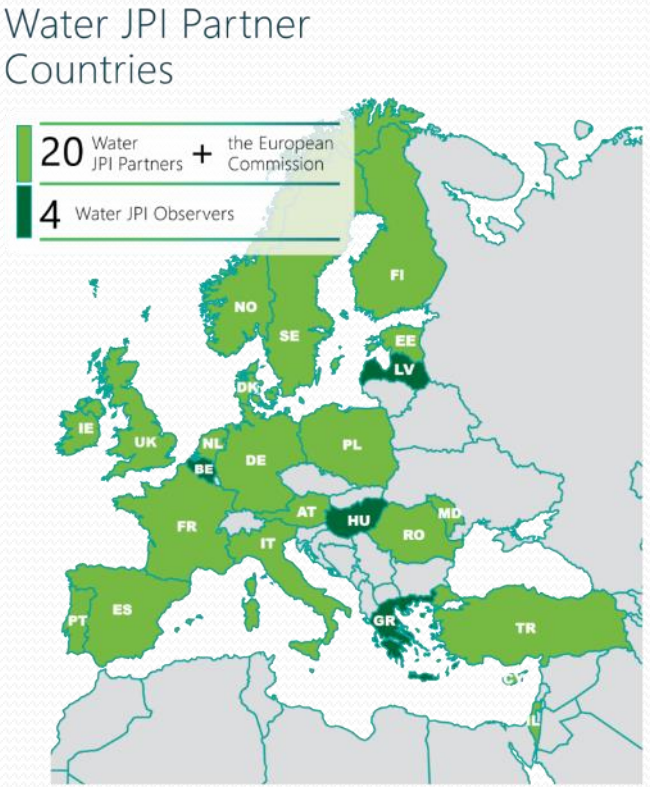
Water JPI Partner Countries

Water JPI partners currently represent 88% of the European National Public RDI investment on water

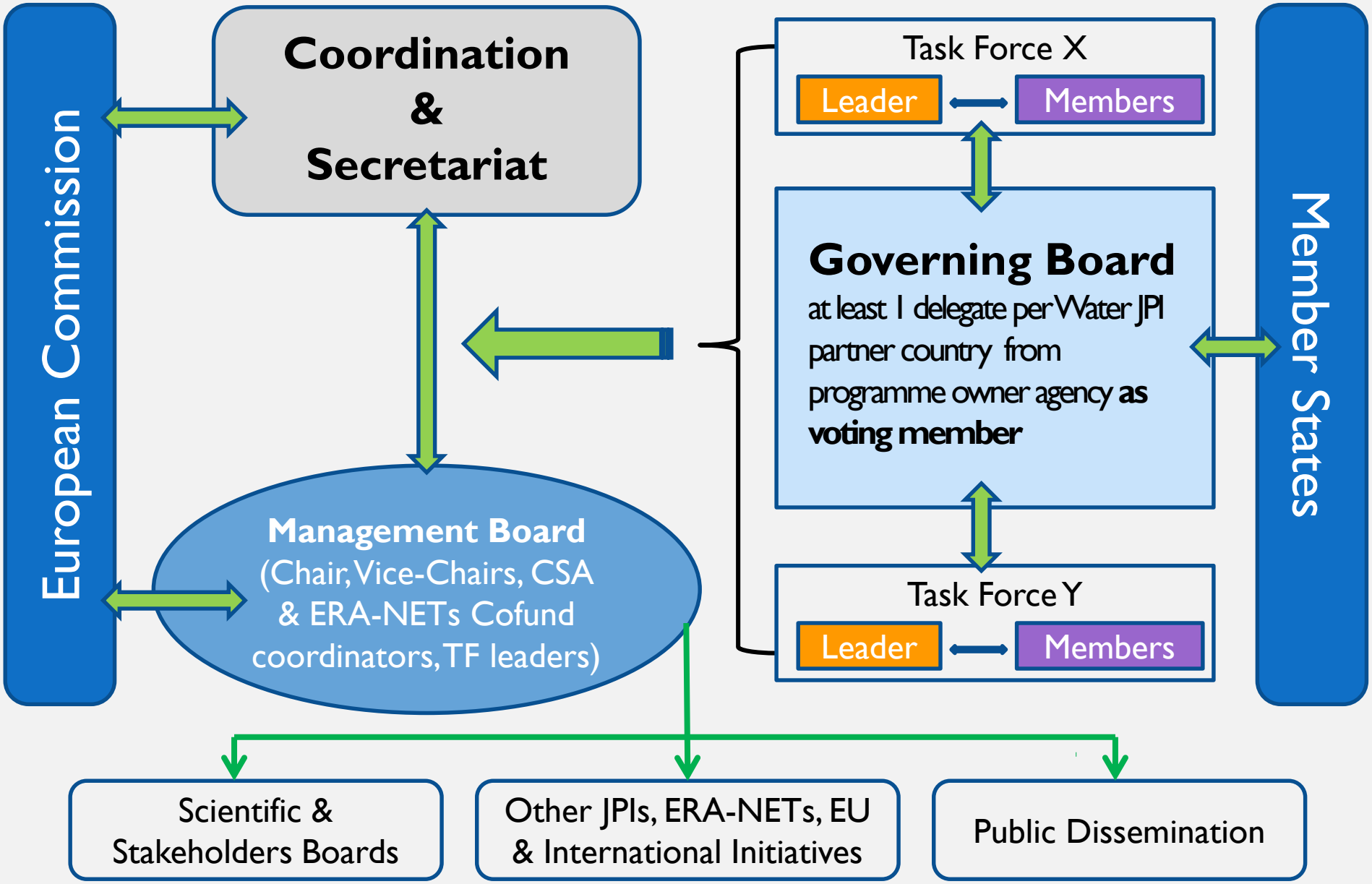


Water JPI Governing Board

- Decision making body
- 20 member countries
  - 1 country = 1 vote
  - 29 institutions represented
- European Commission
  - non-voting member
- 4 observer countries
  - non-voting members

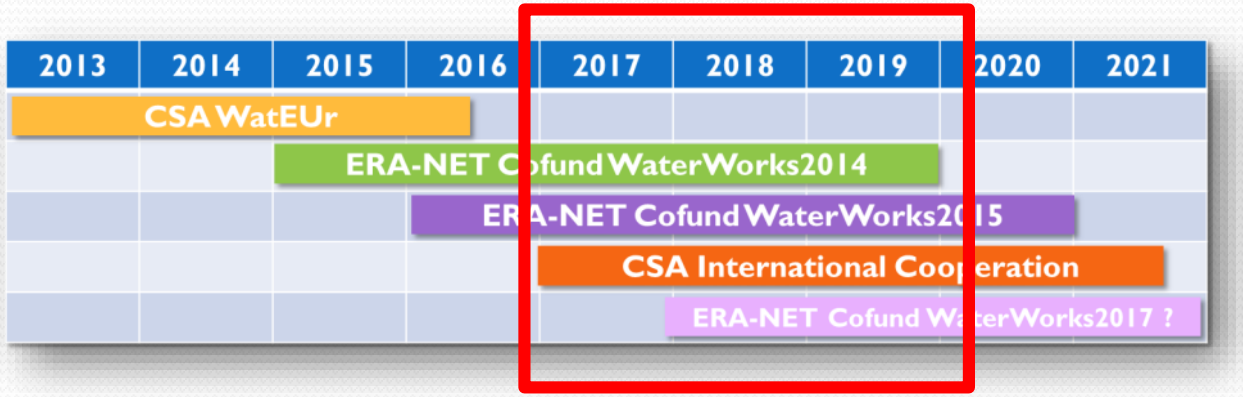


Water JPI Governance



Water JPI Governance

- 3 Task Forces
  - Alignment
  - Interactions with Horizon 2020
  - International Cooperation



Water JPI Governance

- Advisory Boards
  - Scientific and Technological Board (STB)
  - Stakeholders Advisory Group (SAG)

✓ Ensure that the work of the Water JPI is relevant to water research needs, relevant to the needs of water industry stakeholders, and of high scientific quality

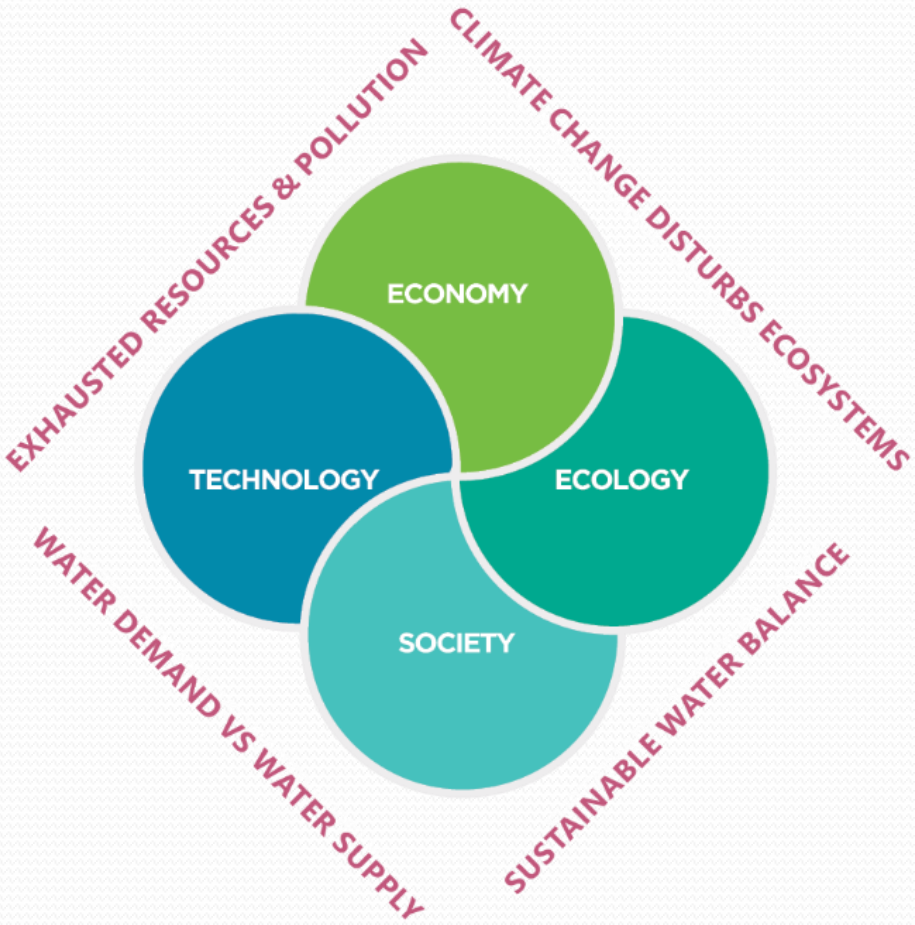
Highlights from the Vision Document

Distilled information obtained through consensus

The 2011 vision document

The grand challenge

"Achieving Sustainable Water Systems for a Sustainable Economy in Europe and Abroad"



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

Background

- Over the last few decades a number of policies and research, innovation and development (RDI) activities have been put in place in order to protect water resources
- Despite these efforts, many regions in Europe still face water scarcity and/or water-quality problems. Climate change, groundwater over-abstraction and diffuse pollution are, among others, the main factors influencing water availability
- If no action is taken, their impact will be even greater in the years to come

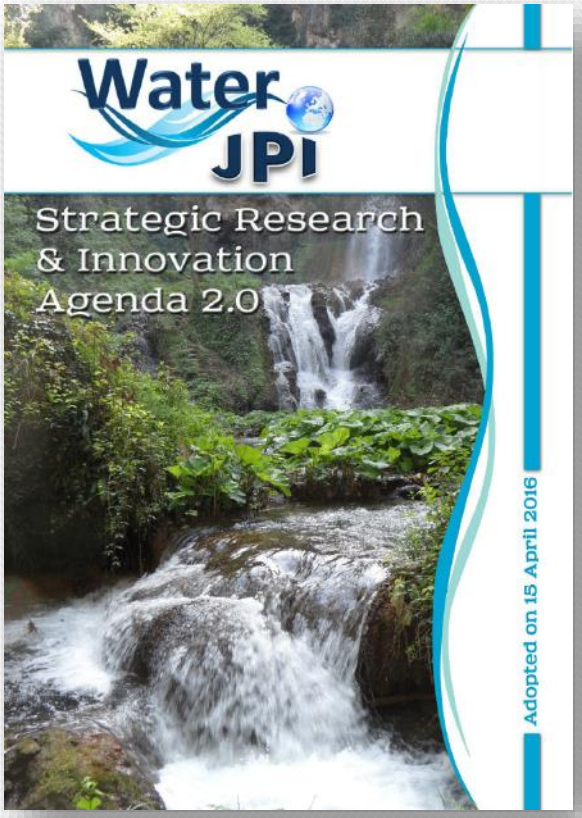
The Key Achievements since its creation

2011 - 2016

The Water JPI Strategic Research and Innovation Agenda

SRIA 2.0, April 2016

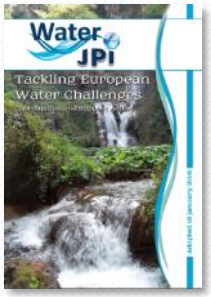
SRIA
Strategic Research and Innovation Agenda



- Conceived as a participatory, inclusive, shared and forward-looking strategic document that lays out Research, Development and Innovation (RDI) needs in Europe in the field of water
- Conceived as an instrument to guide European research and innovation

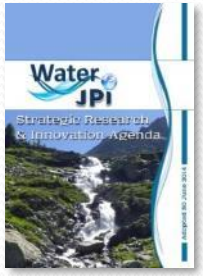
➡ **Objective: to be the European reference document on water stakes that will frame H2020 calls, etc.**

SRIA process



SRIA 2.0 ← April 2016

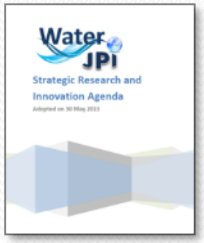
Nov. 2016 → Implementation Plan 2017-2019



SRIA 1.0 ← June 2014

Oct. 2014 → Implementation Plan 2014-2016

May 2013 → SRIA 0.5



2011 - Vision Document

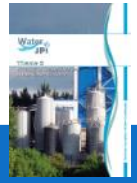
SRIA structure

Vision Document
(5 themes)

Theme 1
Improving Ecosystem Sustainability and Human Well-being

Theme 2
Developing Safe Water Systems for Citizens

Theme 3
Promoting Competitiveness in the Water Industry



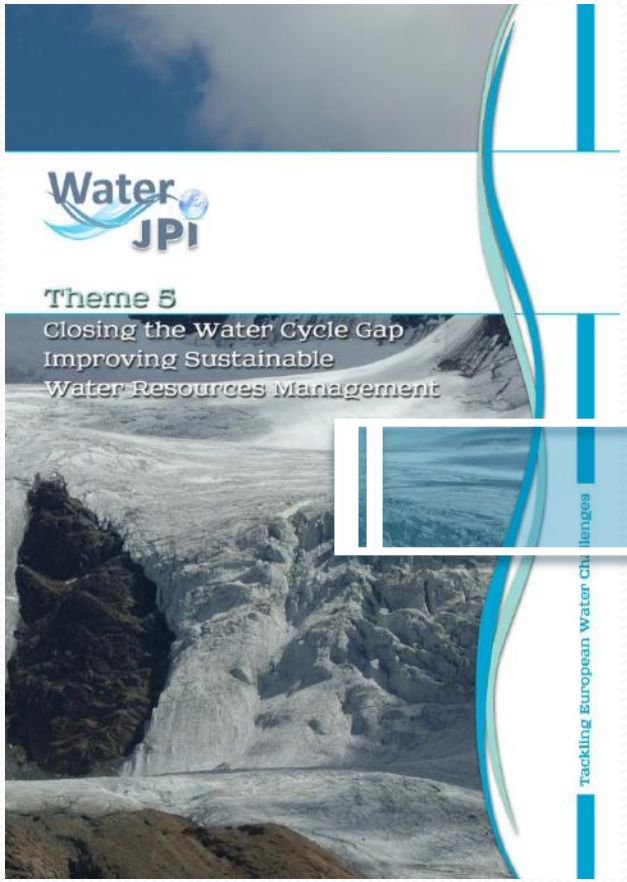
Theme 4
Implementing a Water-wise Bio-based Economy

Theme 5
Closing the Water Cycle Gap
Improving Sustainable Water Resources Management

SRIA 2.0
(5 themes and 11 sub-themes)

SRIA structure

For each theme and subtheme: identification of expected theme impacts, RDI needs and related objectives



Water JPI

Theme 5. Closing the Water Cycle Gap – Improving Sustainable Water Resources Management

In many regions of Europe, it may be difficult to reconcile water supply and demand in both quantitative and qualitative terms. The aim of RDI actions under this theme is therefore to bridge the gap in "supply-demand" by enabling the sustainable management of water resources. Innovative strategies and approaches will be developed where appropriate.

Rationale

Europe is not an arid continent, but water scarcity has become a concern for millions of people. Water scarcity affects at least 11% of the European population and 17% of the territory[37].

In quantitative terms, the availability of water for different uses is threatened by increasing episodes of drought. According to data provided by the European Commission, droughts since 1980 have cost the European economy about EUR 100 billion. Leakages in the water supply infrastructure, the considerable exploitation of freshwater for agricultural purposes and the lack of appropriate water-saving technologies will increase pressure on limited water resources in many regions. To make matters worse, water consumption for public, industrial and agricultural use is expected to increase by 16% by 2030[38]. Although southern regions are more severely affected, central and northern regions are also affected by droughts.

In qualitative terms, water pollution from nutrients, organic matter, heavy metals and other chemical by-products poses a serious threat to water availability. Despite the efforts of local authorities to curb water pollution, the concentration of nutrients and heavy metals is high in many watersheds.

In response to this situation, legislative measures have been put in place by the European Commission (WFD, Water Blueprint, Water Scarcity and Droughts Strategy). Experience shows that the enforcement of some of the measures and recommendations put forward by these policies is not an easy task (i.e. the case of water pricing in products). Legislative measures need to be coupled with the implementation of measures for appropriate water management, and this is where RDI actions can play a crucial role. As detailed below, there is a need for new integrated concepts relating to water reuse, energy recovery of valuable substances, etc. Observation and modelling of water resources will be required to improve understanding of hydrological processes and to analyse and forecast the effect of management measures. Socio-economic approaches are also necessary to investigate questions of participation, behaviour and the costs and benefits of proposed measures.

This research will need to articulate knowledge of ecology, social sciences, economics, geography, environmental sciences, geosciences and technology in various space–time dimensions and on different scales and by integrating water policy with other public policies (agricultural, industrial, domestic, urban, regional planning, transport, energy, biodiversity). In the context of increasing tensions around water, tools for monitoring, forecasting, providing information and decision-making are needed to anticipate and manage such tensions and avoid conflict.

[37][38] European Commission Directorate-General for the Environment (2010). Water Scarcity and Drought in the European Union. Available at: http://ec.europa.eu/environment/water/quantity/pdf/brochure.pdf

This theme is broken down into two subthemes:

5.1. Enabling sustainable management of water resources;

5.2. Strengthening socio-economic approaches to water management.

The research needs and objectives for each subtheme of Theme 5 are detailed below. It is worth noting that the cross-cutting RDI needs identified in Table 3 are also integral and of relevance to this theme.

Expected theme impacts

Impact	Description
Social	The diversity of pressures and impacts on water bodies suggests that water policy can be effective only if it is implemented in a close "horizontal" dialogue with stakeholders interested in clean water and healthy water ecosystems. The impacts of water crises are not equally distributed in society, and they can be a source of conflict between different water users. Improved water management will alleviate societal tensions
Economic	Economic instruments such as taxes and subsidies can act as incentives for prudent water management. They constitute a vital complement to water regulation, and they can assist in allocating water between competing user demands. Mitigation measures and short-term solutions to overcome water scarcity (e.g. water transfers) will be included in the assessment of costs related to scarcity or drought and the assessment of economic vulnerability of users and assets
Technological	Improvement of the techniques for managing of water resources (aquifer recharge, DSSs, inter alia) with interoperability of databases, sensors and combined socio-economic and physical water models
Environmental	Both water quantity and water quality are key factors in aquatic and riparian ecosystems. A decrease in available water resources jeopardises environmental flows as a minimum requirement for a healthy ecosystem. Other impacts include the loss of biodiversity and the degradation of landscape quality
Policy	Regulatory measures are essential tools to ensure compliance with environmental standards for water quality and quantity. Economic policy instruments contribute to supporting these regulations, as expressed in the 2012 EU Water Blueprint. Understanding the mechanisms leading to improved water management will lead to better policy design and adaptation

Subtheme 5.1. Enabling sustainable management of water resources

Rationale

Enabling sustainable water management is a prerequisite for achieving water systems fit for a sustainable economy in Europe and abroad. From an RDI perspective, this requires improving our understanding of integrated water management through further analysis involving surface water, groundwater and soil management, erosion and pollution control, flood management and wastewater.

The integrated models of the entire water cycle, including all compartments (surface soil, groundwater) and water use (vegetation, humans), have yet to take into account scenarios of

SRIA 2.0 publications

- A technical version

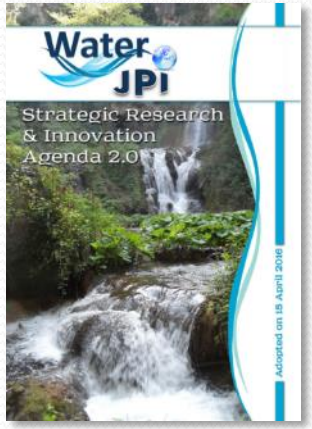
Researchers

RDI Funding Bodies & Programmes

Policy Makers

Water Utilities & River Basin Management Bodies

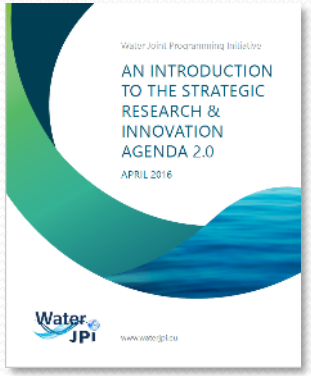
European Commission



- A public friendly version
  An introduction to the SRIA 2.0

Enterprises

General Public



- An interactive glossary (under progress)

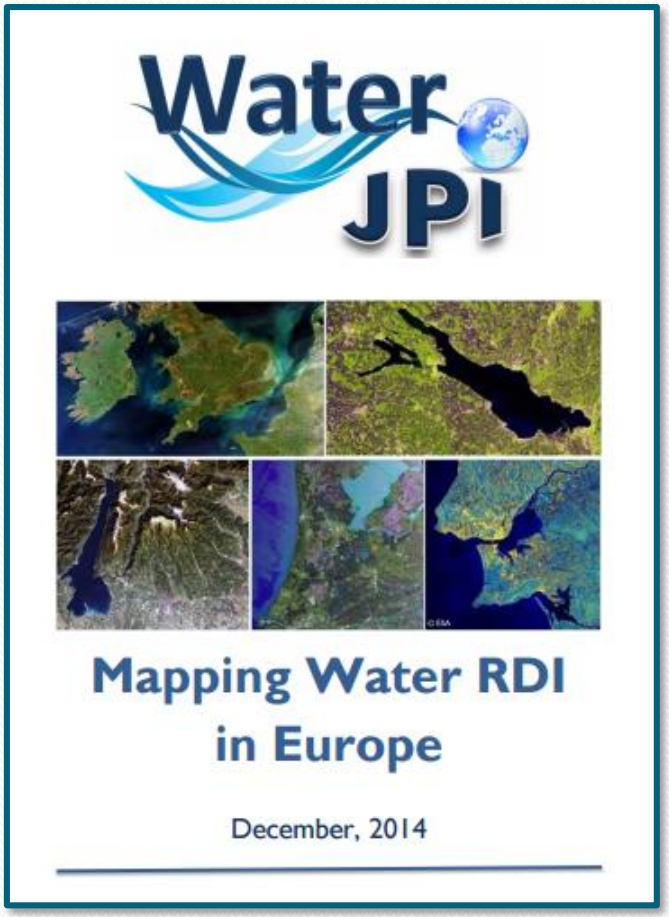
Mapping RDI Funding in Europe

Water JPI

Identifying actors, procedures, funding and mechanisms

Why a mapping exercise?

- ✓ Better understanding of the European water-related RDI activities
- ✓ Inventory of national & regional research strategies, policies and programs
- ✓ Funding of research projects, infrastructures & mobility schemes in Water RDI
- ✓ Multi-national coordination activities taking place in Europe
- ✓ Preliminary strategic analysis of the current water research strengths, weaknesses, gaps and barriers to cooperation



Mapping Beyond Europe

- Mapping of RDI activities in 7 targeted countries and first contacts with research funding organisations to invite them to participate in the ERA-NET

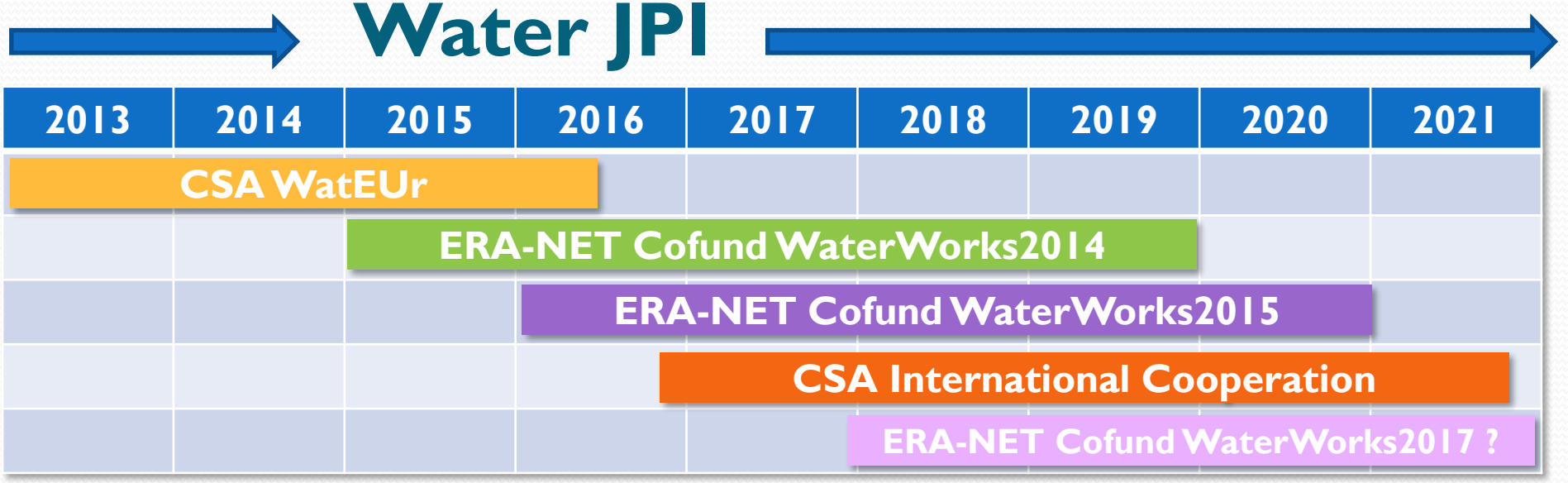
  - ✓ Brazil
  - ✓ Canada
  - ✓ China
  - ✓ India
  - ✓ South Africa
  - ✓ USA
  - ✓ Vietnam

Criteria: Scientific excellence, development and market

Water JPI first Implementation Actions

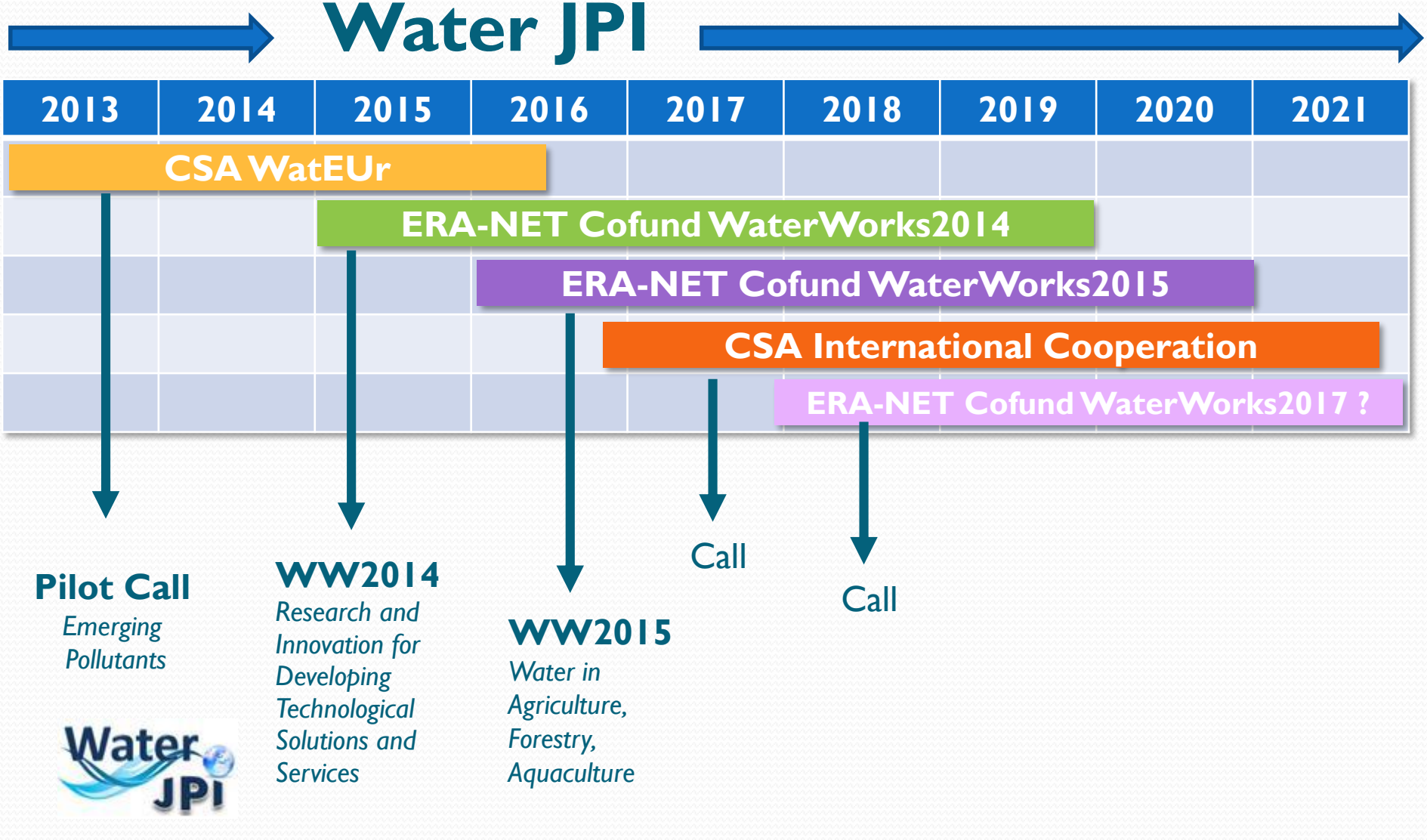
Since 2013

Timeline of Water JPI & supporting projects



- In support of the Water JPI Implementation

Timeline of Water JPI Joint Calls



Implementation of the Water JPI SRIA First implementation actions

- Pilot Joint Call 2013

Emerging water contaminants – anthropogenic pollutants and pathogens

What are the new contaminants? How can we predict their environmental behaviour in surface water, sediments, soil and groundwater? Which innovative rapid analysis and detection systems could be developed? What impact do they have on human health (toxicology) and on ecosystems (ecotoxicology)?

- 10 countries: CY, DE, DK, ES, FI, FR, IE, IT, NO, PT
- 1 Step procedure - 105 Proposals submitted
- 7 Projects funded
- €9 million

WATEUR

Water JPI

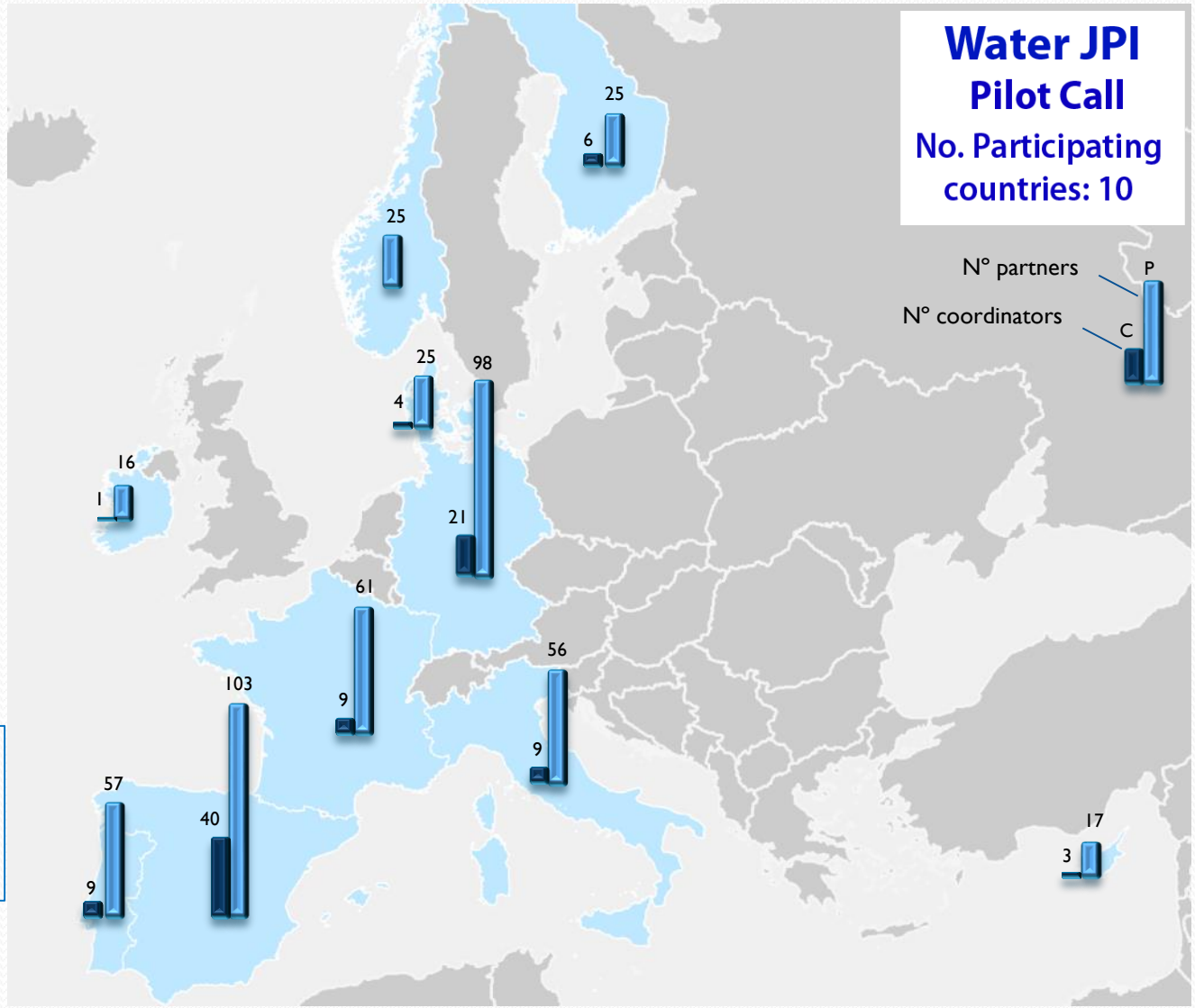
Pilot Call 2013: Proposals distribution

All applicants (n=585)

Country	C	P
CY	0	2
DK	0	2
DE	3	11
ES	2	8
FI	0	2
FR	1	3
IE	0	2
IT	0	7
NO	0	2
PT	1	1

102 proposal submitted

102 coord + 483 partners

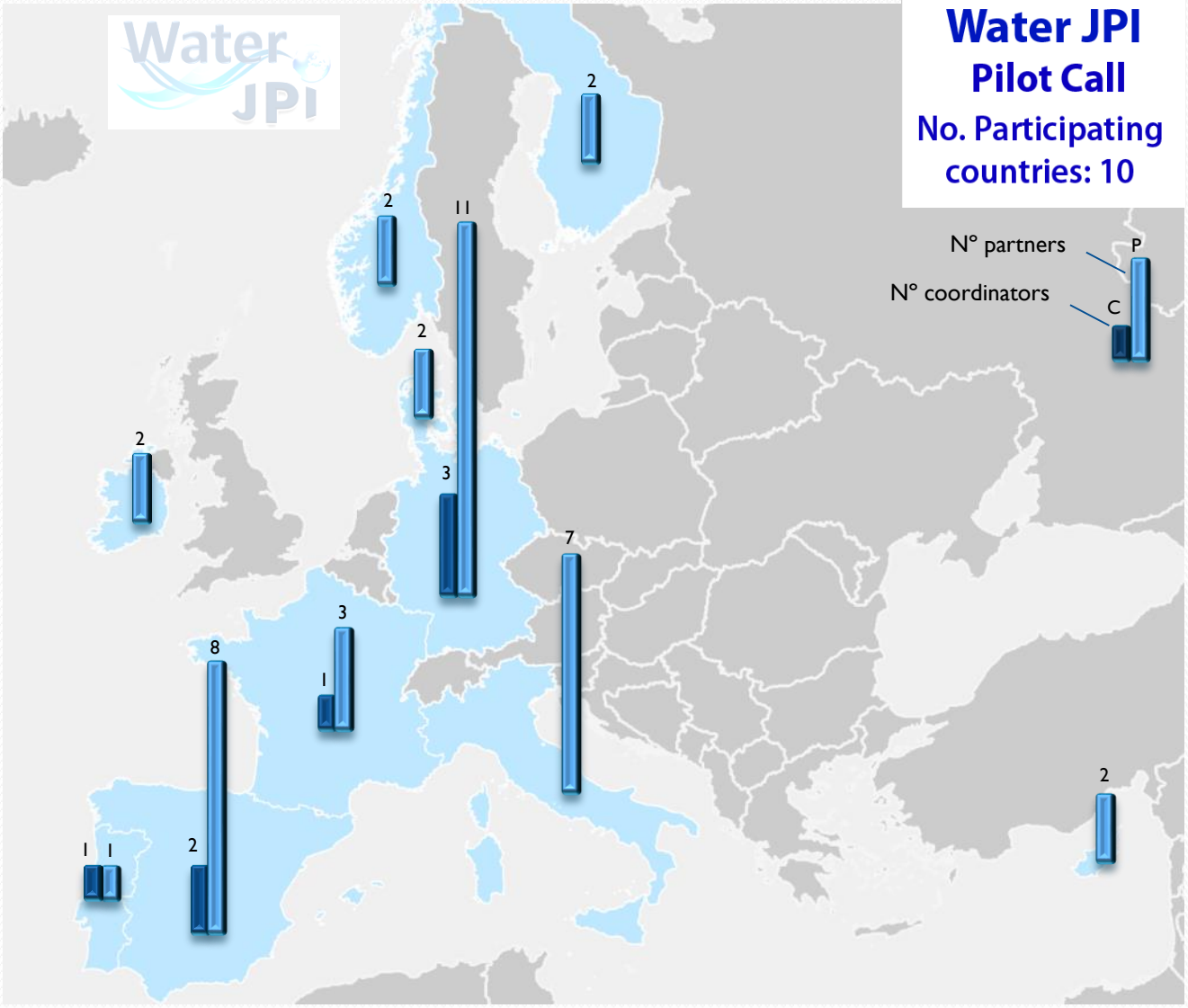


Pilot Call: Funded Projects

Country	C	P
CY	0	2
DK	0	2
DE	3	11
ES	2	8
FI	0	2
FR	1	3
IE	0	2
IT	0	7
NO	0	2
PT	1	1

7 projects funded

7 coord + 40 partners



Implementation of the Water JPI SRIA
First implementation actions

- 2015 Joint Call (WaterWorks2014 ERA-NET Cofund)

Research and Innovation for Developing Technological Solutions and Services

Waste water treatment and reuse

- 15 countries: BE, CY, DK, EE, ES, IE, IL, IT, MD, NL, NO, PT, RO, SE and ZA (+EC)
- Two-step procedure
- 118 pre-proposals
- 16 funded projects
- €14 million (including EC contribution)

WW2014 Evaluation Process

118 PRE-PROPOSALS SUBMITTED

Total requested funding
€104 million

ELIGIBILITY CHECK

106 ELIGIBLE PRE-PROPOSALS
12 NON-ELIGIBLE PRE-PROPOSALS

Available funds
€15 million

STEP 1

106 PRE-PROPOSALS
(90%)

STEP 2

41 FULL PROPOSALS
(39%)

SELECTED

16 PROJECTS
(15%)

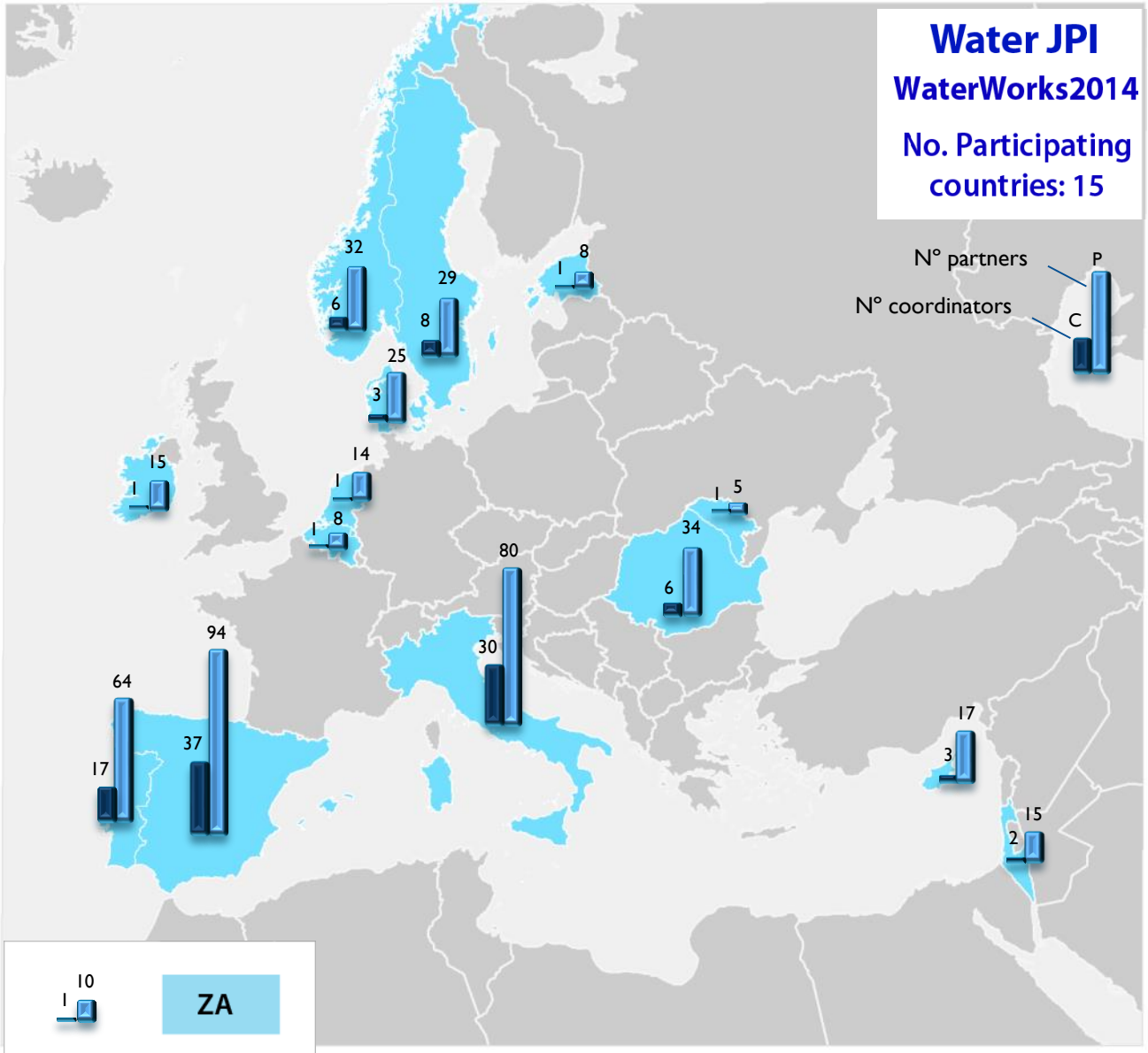
Water JPI

WW2014 Call: Proposals distribution

Country	C	P
BE	1	8
CY	3	17
DK	3	25
EE	1	8
ES	37	94
IE	1	15
IL	2	15
IT	30	80
MD	1	5
NL	1	14
NO	6	32
PT	17	64
RO	6	34
SE	8	29
ZA	1	10

118 proposal submitted

118 coord + 450 partners

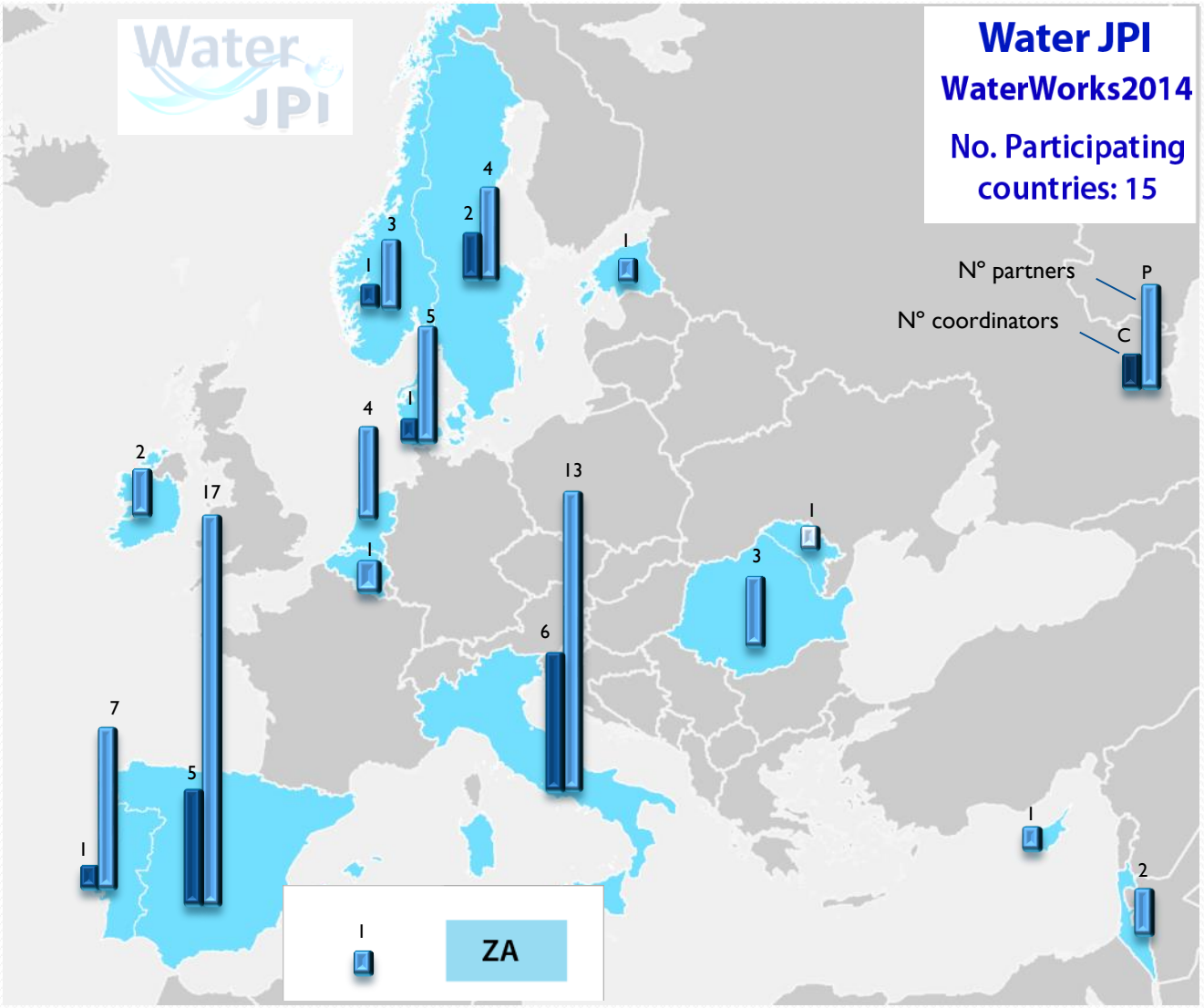


WW2014 Call: Funded Projects

Country	C	P
BE	1	8
CY	3	17
DK	3	25
EE	1	8
ES	37	94
IE	1	15
IL	2	15
IT	30	80
MD	1	5
NL	1	14
NO	6	32
PT	17	64
RO	6	34
SE	8	29
ZA	1	10

16 projects funded

16 coord + 65 partners



Implementation of the Water JPI SRIA First implementation actions

- 2016 Joint Call (WaterWorks2015 ERA-NET Cofund)

Sustainable management of water resources in agriculture, forestry and freshwater aquaculture sectors

Water JPI & FACCE JPI Joint Call

  - 22 countries: BE, CA, CY, DK, EG, ES, FI, FR, DE, IE, IT, MD, NL, NO, PL, PT, RO, SE, TW, TN, TR and ZA (+ EC)
    - 3 associated countries (MD, NO, and TR) members of the WATER JPI
    - 3 Low and medium incomes countries (EG, TN and ZA)
    - 2 Industrialised and emerging economies (CA and TW)
  - Steps procedure ~ 200 pre-proposals received
  - Budget: **€ 25.5 million** (including EC contribution)

JOINT CALL 2016

Water JPI

Overview: Distribution of Call Topics

- Three topics
  - Increasing the efficiency and resilience of water uses
  - Monitoring and reducing soil and water pollution
  - Integrating social and economic dimension into the sustainable management and governance of water resources

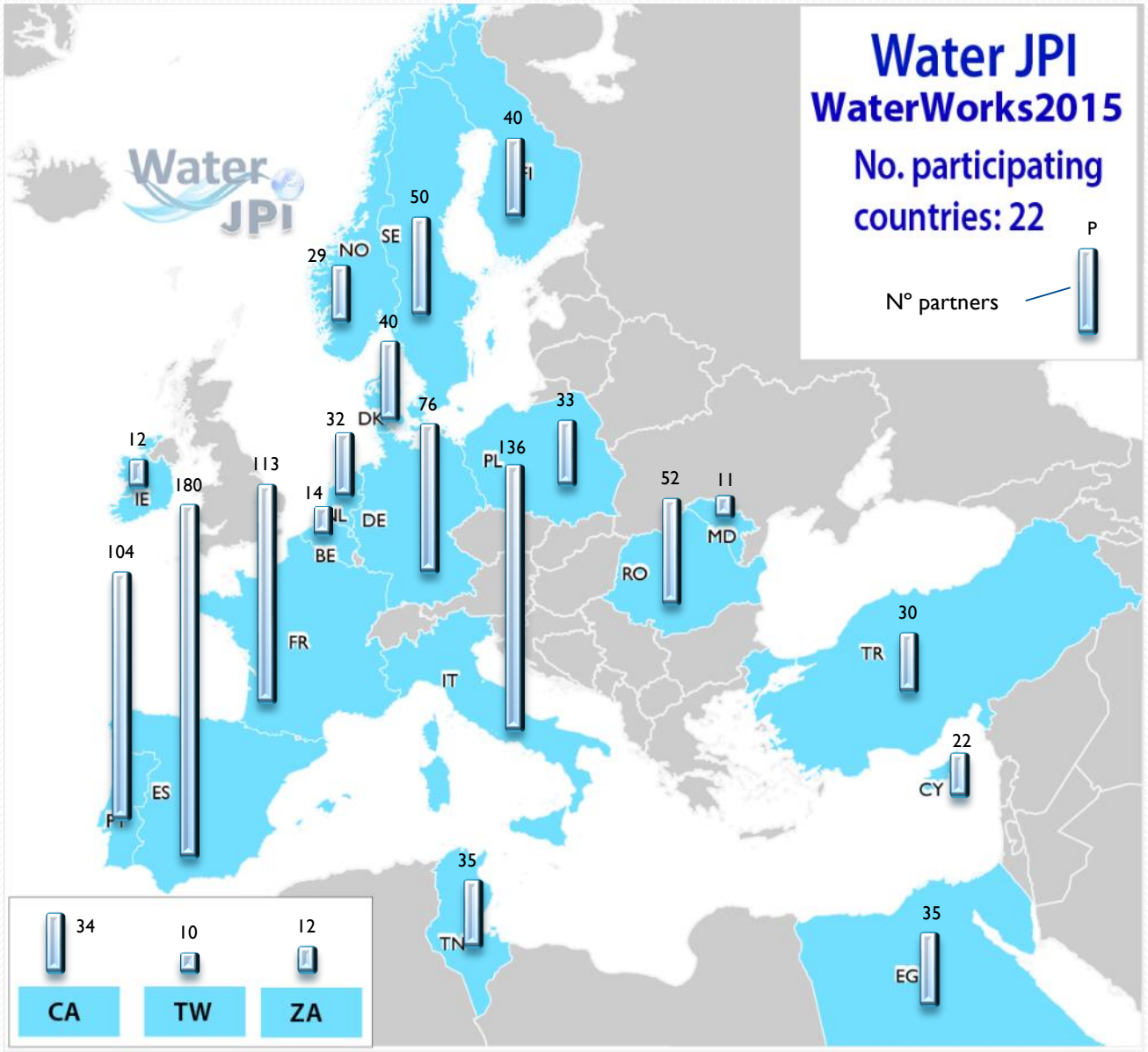
Water JPI

FACCEJPI

WW2015 Call: Proposals distribution

Country	All	Country	All
BE	14	MD	11
CA	34	NL	32
CY	22	NO	29
DE	76	PL	33
DK	40	PT	104
EG	35	RO	52
ES	180	SE	49
FI	40	TN	35
FR	113	TR	30
IE	12	TW	10
IT	136	ZA	12

198 proposal submitted



Time schedule

Anticipated Time Schedule		
Stage	Description	Date
Step 1 Pre-Proposals	Pre-Announcement	15 January 2016
	Call Opening	16 February 2016
	Submission Deadline	19 April 2016
	Notification of Outcomes	26 July 2016
Step 2 Full Proposals	Submission Deadline	28 September 2016
	Notifications of Outcomes and Funding Decisions	November 2016
Kick-off	Expected start of funded projects	March-April 2017

Water JPI

FACCEJPI

Joint Calls 2013-2016

Pilot Call

Identification and prevention of emerging freshwater contaminants

Control, mitigation and methods for treatment and removal

Impact on ecosystems services and human health

€ 8 million

WaterWorks2014

Water Treatment, Reuse, Recycling and Desalination

Water Resources Management

Mitigate Impacts of Extreme Events (Floods and Droughts) at Catchment Scale

€ 14 million

WaterWorks2015

Increasing the efficiency and resilience of water uses

Monitoring and reducing soil and water pollution

Integrating social and economic dimensions into the sustainable management and governance of water resources.

€ 25 million*

*** Budget available**

Water JPI

Joint Calls 2013-2016

Pilot Call

Identification and prevention of emerging freshwater contaminants

Control, mitigation and methods for treatment a removal

Impact on ecosystems services and human health

€ 8 million

WaterWorks2014

Water Treatment, Reuse, Recycling and Desalination

Extreme Events (Floods and Droughts) at Catchment Scale

€ 14 million

WaterWorks2015

Increasing the efficiency and resilience of water uses

Monitoring and reducing l and water pollution

tegrating social and economic dimensions into the sustainable management and governance of water resources.

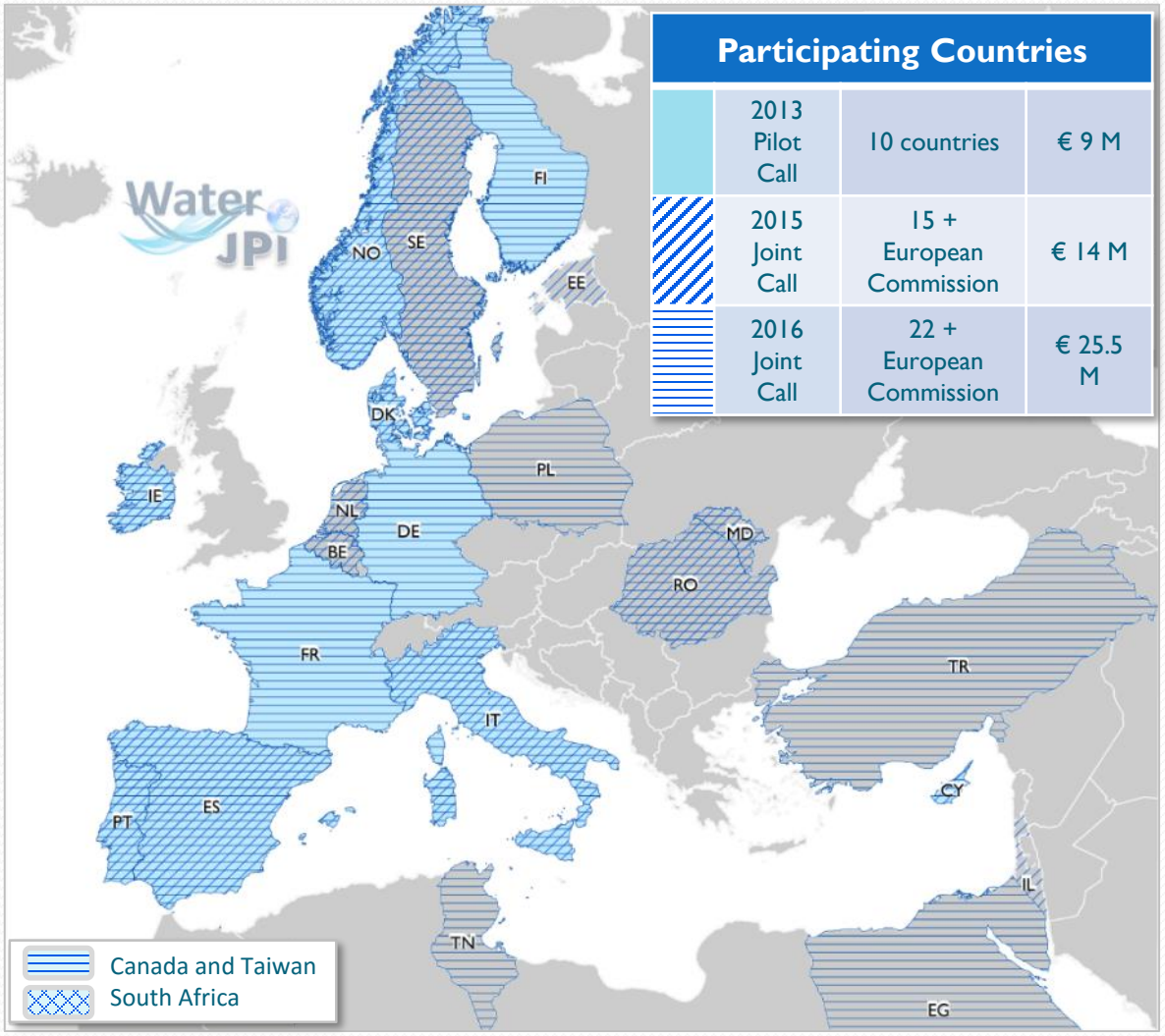
€ 25 million*

*** Budget available**

€47 million
(national funds + EC cofund)

Water JPI

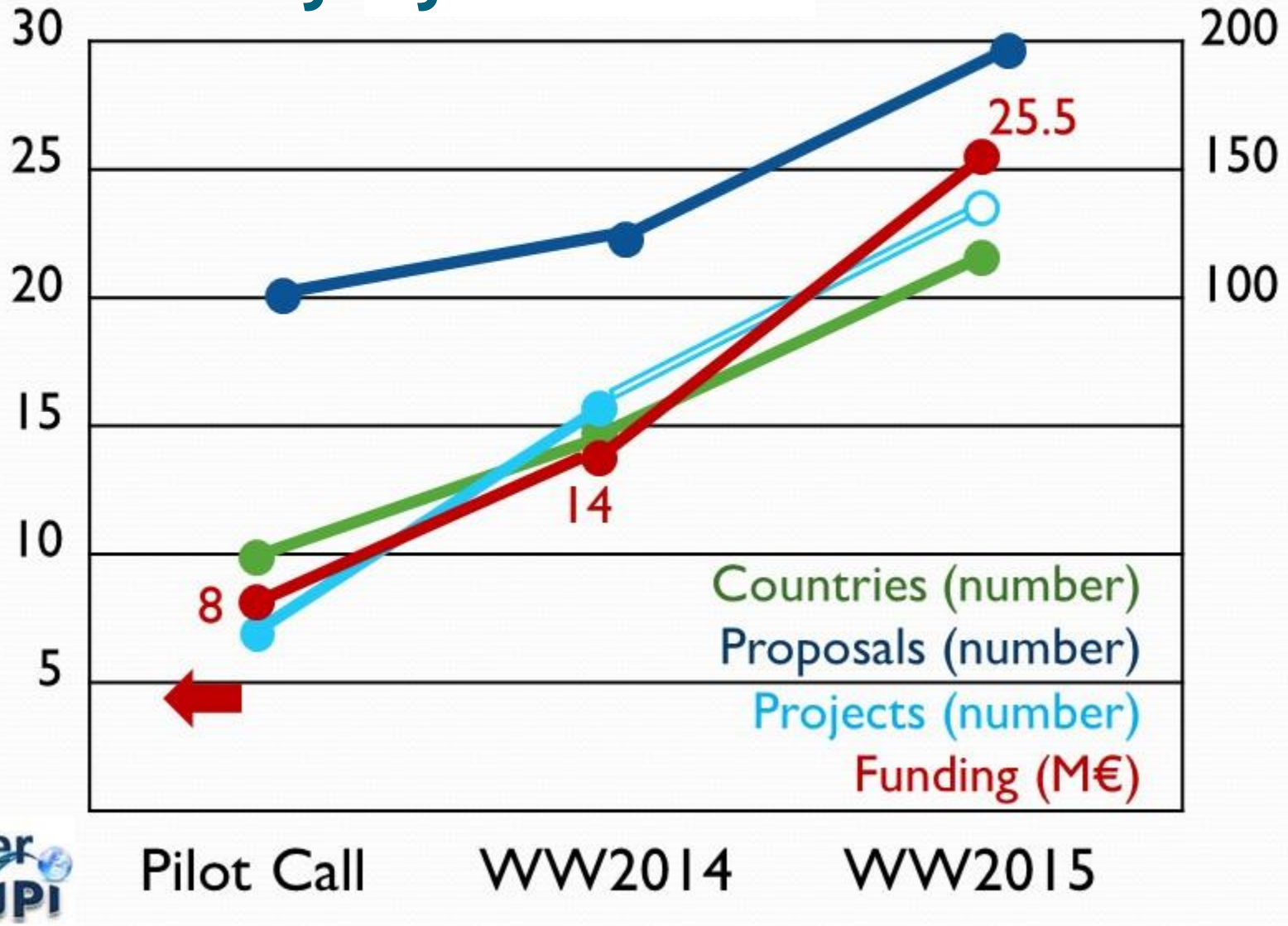
Participating Countries



Participating Countries			
	2013 Pilot Call	10 countries	€ 9 M
	2015 Joint Call	15 + European Commission	€ 14 M
	2016 Joint Call	22 + European Commission	€ 25.5 M

Water JPI

Water JPI Joint Calls: Evolution



Water JPI Joint Calls in the future

- 2017 Joint Call (under IC4WATER)
  Proposed / multiple risks?
- 2018 Joint Call
  (WaterWorks2017 ERA-NET Cofund)
  Closing the Water Cycle Gap - Sustainable Management of Water resources
- 2019 – 2020
  Proposal to have one call / year

Planned Activities 2017-2019

Water JPI

Examples of other activities

Position Papers

Outputs

- 2014 Position Paper on EC Consultation on Strategic Roadmap for WP 2016-2017
- 2014 Position paper on the EIP Water
- 2015 Preliminary Position Paper on draft WP 2016-2017
- 2015 Position Paper on Call for Ideas on Large Scale Demonstration projects
- 2015 Summary Position Paper on draft WP 2016-17
- 2016 Position paper on WP 2018-2020

Other Consultations

- ERA-NET Cofund Evaluation
  - Expert Group consultation
- PRIMA Initiative
  - Interview by Impact Assessment Expert Group
  - Public consultation
- JPI CLIMATE SRIA
  - Public consultation

Alignment

4 types of alignment

- Joint calls (evaluation procedures, call contents)
- Sharing of work (mapping)
- Sharing of resources (knowledge hubs, infrastructures, mobility, …)
- Areas where no one country can do the work alone

Alignment of ongoing funded projects

- Workshops on the Alignment of ongoing projects
- Creating synergies and bringing gaps during project execution
- Alignment with relevant H2020 projects
- Contribution to:
  - Valorisation of R&I results
  - Related societal challenges
  - Implementation of European policies

Water-related project database

- National projects identified by Water JPI members
- Water JPI funded projects
- Panorama of EU Water-related projects funded under H2020 WP2014 – WP2015

Objective

Link the Water JPI project database with other relevant databases, such as DG R&I, EIP Water, WssTP, WISE-RTD, …

Knowledge Hub development

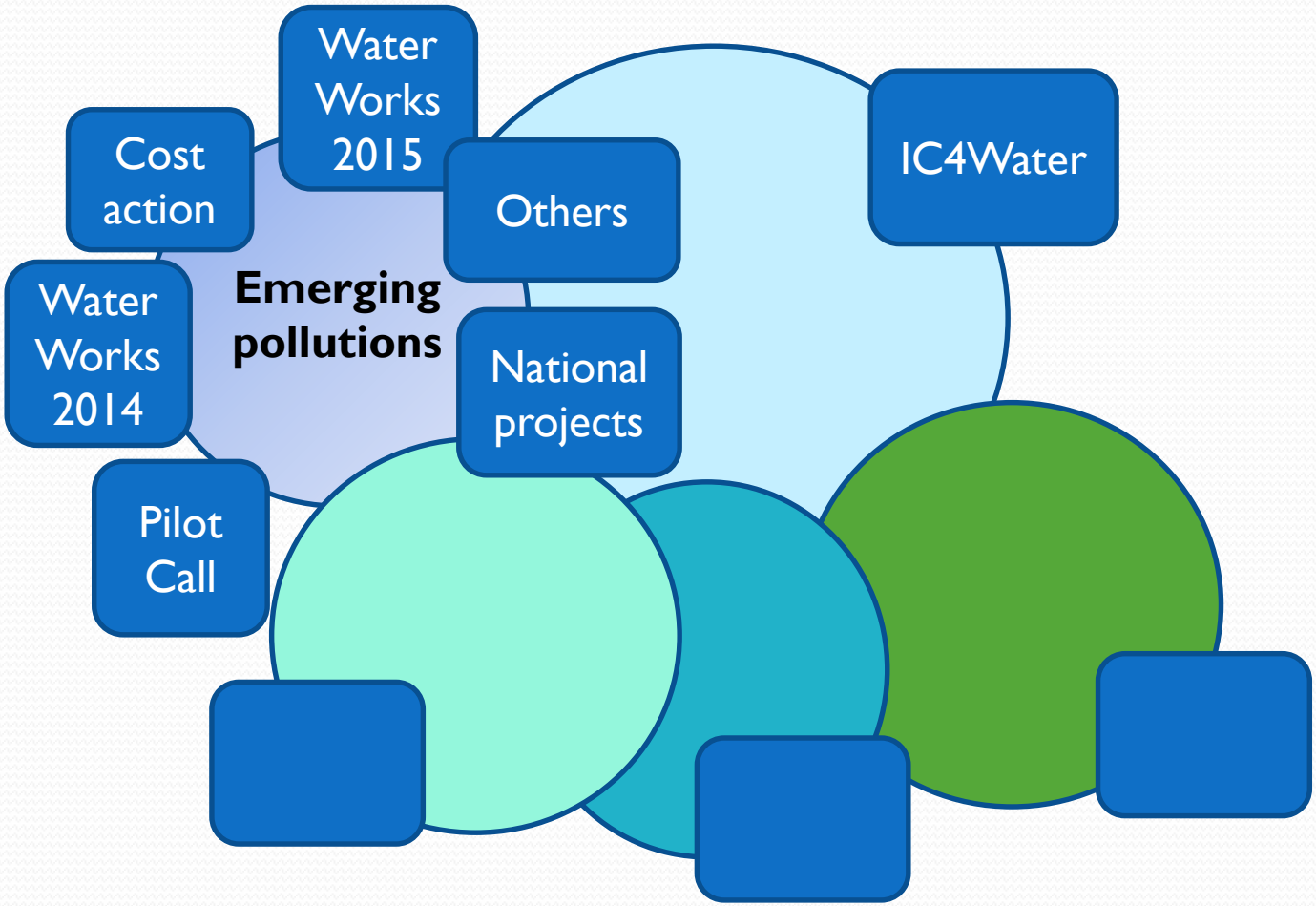
A Knowledge Hub is a network consisting of selected research groups within a defined area of research.

The Water JPI Knowledge Hub will be built for **selected research groups and targeted to stakeholders.**

- Added values

- establishing a critical mass of research and technological excellence,
- integration of knowledge,
- sharing of infrastructures, data and modelling tools,
- training and capacity building,
- improved communication and networking with stakeholders and the scientific community.

Water JPI Knowledge hubs



International Cooperation

Water JPI

International Cooperation "models"

- Bilateral
  - Between 2 countries
  - European Commission – International Cooperation agreement for past Framework Programmes & Horizon 2020
- Multilateral
  - Belmont Forum
  - Joint Programming Initiatives

Water JPI's International partners

The Water JPI already has

- Members in several EFTA countries, enlargement countries and countries covered by the European Neighbourhood Policy




- Contacts and joint activities beyond these countries
  - Other EFTA / Neighbourhood Policy countries
  - Industrialised countries and emerging economies
  - Developing countries

Water JPI Joint Calls

- Pilot Call – Emerging Contaminants – No Beyond Europe country
  - Joint Call: 9 M€
  - 7 projects recommended for funding - Kick-off meeting 11 March 2015
- WaterWorks2014 – Waste Water Treatment and Water Reuse
  - Joint Call: 14,9 M€ (including South Africa)
  - 16 projects recommended for funding – 1 with South Africa
- WaterWorks2015 – (in coop. with JPI FACCE) - "improving water use efficiency and reducing soil and water pollution for a sustainable agriculture"
  - Budget: 25.5 M€
  - 5 outside EU partners: Canada, Egypt, South Africa, Taiwan and Tunisia
  - Launch of the call: 16 February 2016 – Deadline step 1: 19 April 2016

Discussion with

- USA
- India

- Israel
- Moldova
- Norway
- Turkey
- South Africa
- Canada
- Taiwan
- Egypt
- Tunisia
- Brazil
- Thailand
- Vietnam

2014

- Non EU Water JPI Members
- H2020 Associated Countries
- Third countries

2017

Current Challenges for IC

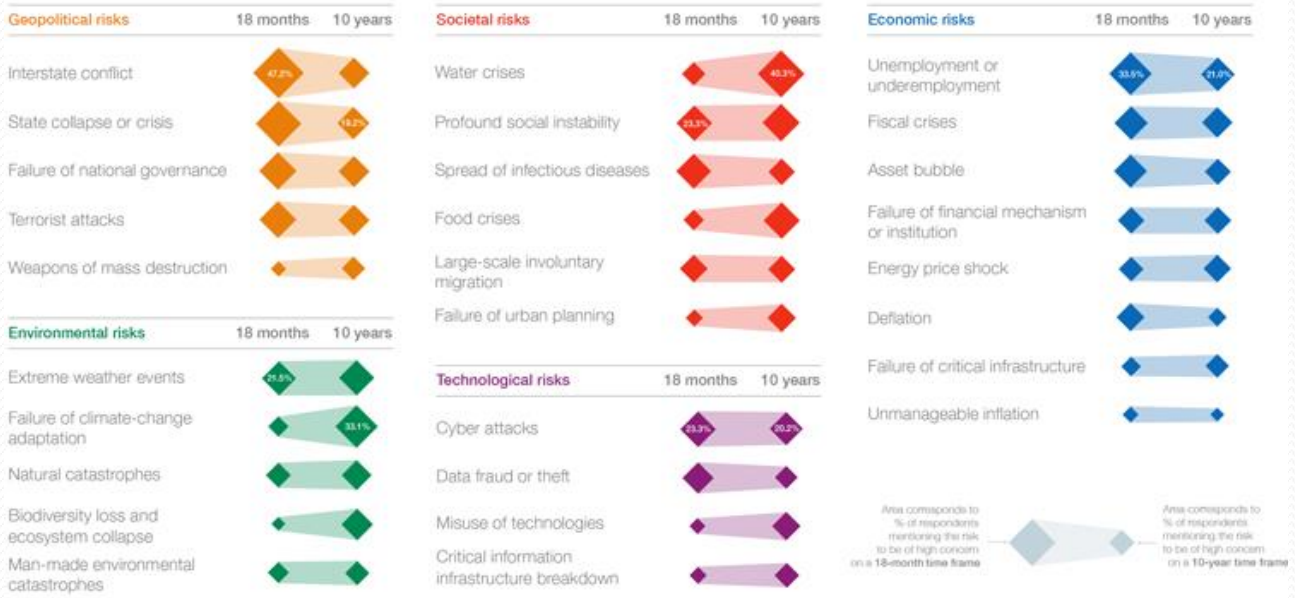
- JPI and Joint actions possibilities are unknown
  - Extra effort is needed to convince foreign parties on the benefits of the JPI
- To achieve high impact with a specific country then we must develop mutual RDI agenda with that country
- Interested parties have different levels of cooperation, alignment, scientific excellence
- Not all JPI partners interested in specific country

➢ Which strategy? Putting our efforts on a few strategic countries or do we welcome all countries outside Europe?

Water as a top priority for …

- World Economic Forum
  - In 2015, TOP 1 risk in terms of impacts to economy and society for the upcoming years
- United Nations
  - Sustainable Development Goals

Figure 1.1: Global Risks of Highest Concern - for the Next 18 Months and 10 Years



Source: Global Risks Perception Survey 2014, World Economic Forum.
Note: Survey respondents were asked to select up to five risks of highest concern for each time frame. The percentage indicates the share of respondents who selected the specific global risk among the five risks of highest concern for each time frame. In each category, the risks are sorted by the total sum of mentions. See Appendix B for more details. To ensure legibility, the names of the global risks are abbreviated. See Appendix A for the full name and description.

International Cooperation challenges

STRENGTHS

- Common Water challenges: policy-making & RDI
- Well-established cooperation with some countries (bilateral or multilateral, networks of researcher communities)
- Access to existing knowledge, expertise and research infrastructure

WEAKNESSES

- Complexity of cooperation (different existing funding models, different evaluation criteria, different funding rates, different S&T competences…)
- Greater role of end user (e.g. enterprise, community or state) in joint research and implementation

Challenges

OPPORTUNITIES

- Solving societal challenges by reaching RDI critical mass and better RDI structuration
- Market opportunities for innovative technologies and methodologies
- New types of joint actions (Calls, knowledge hubs, observatories and infrastructures, mobility schemes, ...)

THREATS

- Still quite fragmented water Research and Innovation with unsufficient information
- More bilateral cooperation vs. proving added value of multilateral cooperation
- Timing for preparation and decision on joining international multilateral activities

Wat JPI

Coordination Supporting Action on International Cooperation on Water

Strategy Activities	Implementation Activities
Strategy for enlarging Water JPI network and the dialogue platform	Knowledge Hub development
Building the Public – Private Partnership for developing & implementing research and innovation programme	Joint activities on a shared topic for the achievement of UN sustainable development goals related to water (UN SDG) – including Joint call without top-up

Water International Cooperation

The IC4WATER partnership

- 18 Water JPI partners from 17 countries + WssTP (BE)
  - CY, DE, DK, EE, ES, IE, IL, IT, FI, FR, MD, NL, NO, PT, RO, SE, UK
- Support from

Countries already involved in Water JPI activities	New countries	International initiatives	Associated European Partners	Regional initiatives
ASRT, Egypt	CONFAP, Brazil	Belmont Forum	JPI FACCE	PRIMA Initiative
MOST, Taiwan	MOST, Thailand	GWRC	JPI Urban Europe	BONUS
IRESA, Tunisia	MOST, Vietnam	Division of Water Sciences, UNESCO	JPI Climate	
DST, South Africa			EURAQUA	
			JRC	

International Cooperation development

The Water JPI Strategy

- Water challenges are universal!
  - Needs of a Strategy for developing the International cooperation (networking / membership & joint activities)
- Criteria
  - Scientific Excellence (Publications and Patents/Licences)
  - Development and Market (Innovation dev.), with Economic Sector?
  - Common Interests (Common Watersheds and seas/oceans, + common policy objectives for managing water resources)?
  - Capitalisation on existing cooperations (ensuring continuity)?

Our Wishes, long-term cooperation partnership agreements

On Joint Actions such as

- Shared strategic research agenda
- Joint calls
- Demonstration programmes or launch of demonstration platforms
- Access to key infrastructures, observatories
- Knowledge hub (Including development of policy briefs, innovation factsheets)
- Joint events / conferences / workshops / webinars
- Brokerage events / roadshows
- Training and capacity building
- Mobility schemes (for researchers, for research programmes managers)
- Connections with leading research networks (e.g. COST Actions)

Communication

Water JPI

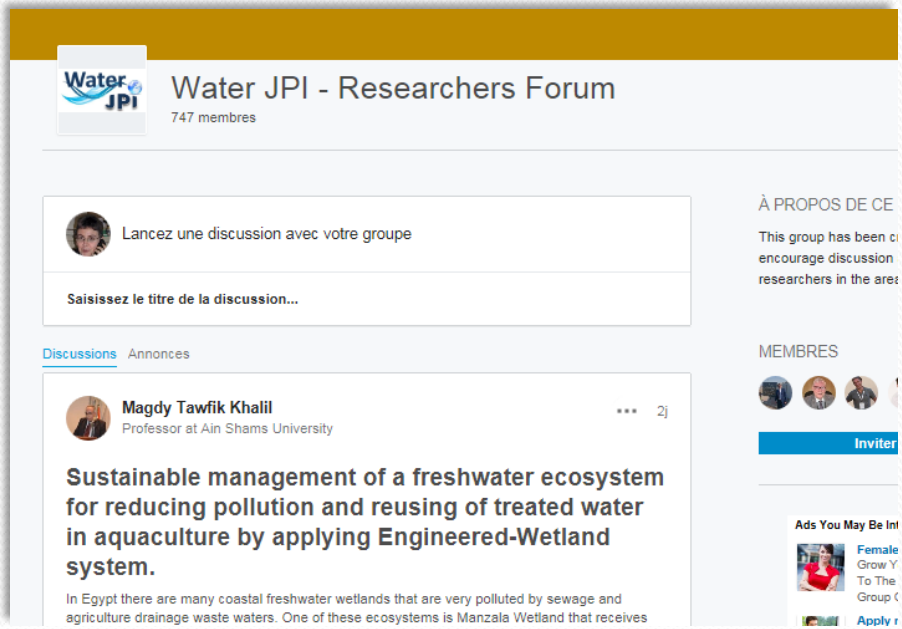
For more information

- Website
- E-newsletters
- Water JPI events (Milano 2015 & Rome 2016)
- Projects database
- …

www.waterjpi.eu

LinkedIn Researchers Forum group

- Created on 20 January 2016
- 833 members (in September 2016)
- 2016 Joint Call / Networking
- Announcement of events and activities



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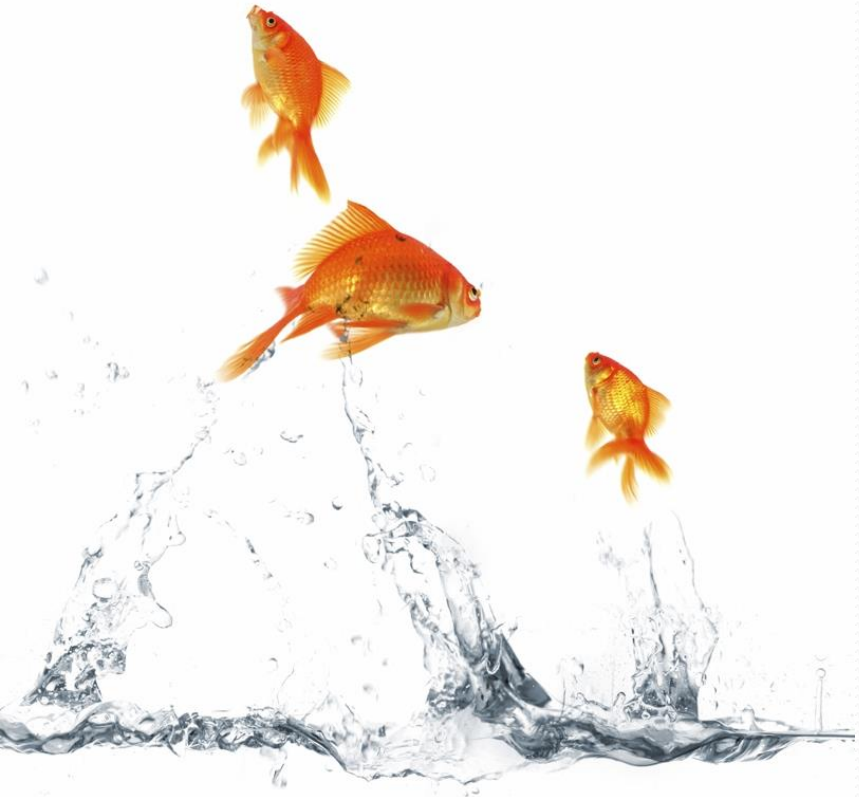

See you….

Contact

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ANR