



Which funding for Research and Innovation for Water in Europe and Beyond

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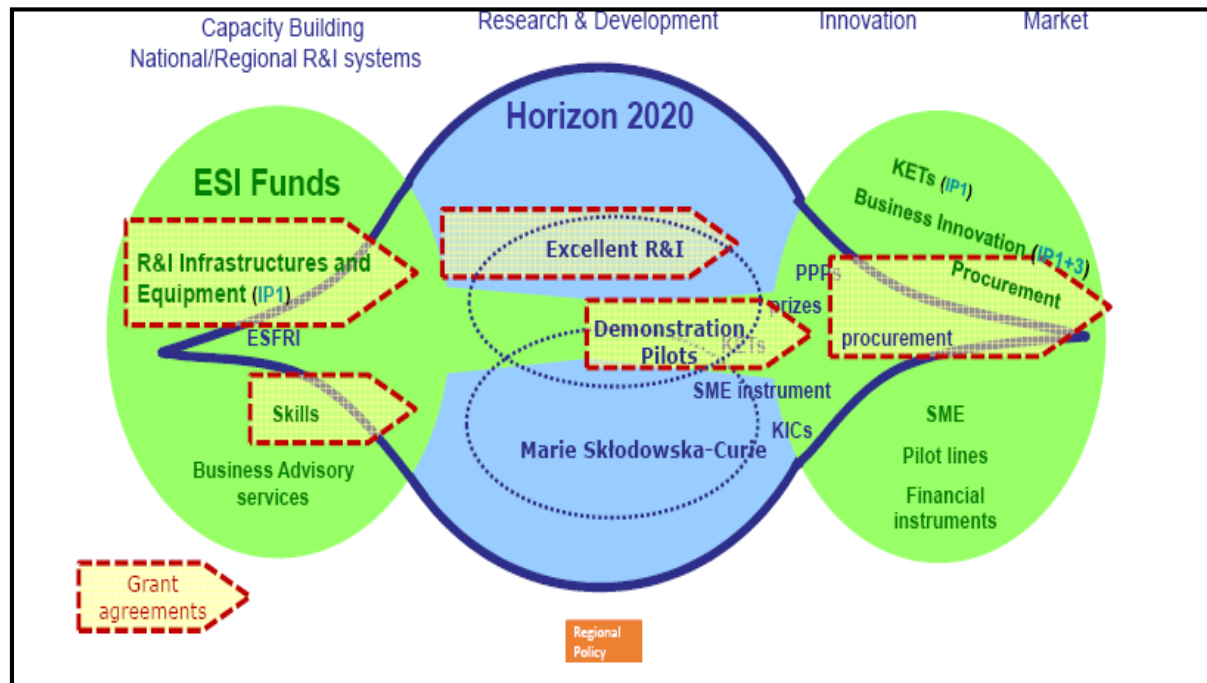
Europe vs. International



JPI vs. EC (H2020)

- Different funding complementary instruments

- JPI activities
 - MS funding
 - MS With EC support (e.g. COFUND)



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
 - Just an ERA-NET, although it relates to ERA-NETs (calls)
 - An EC driven process, although the EC is following and feeding the process

Main Objectives of Water JPI and Activities 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 ?

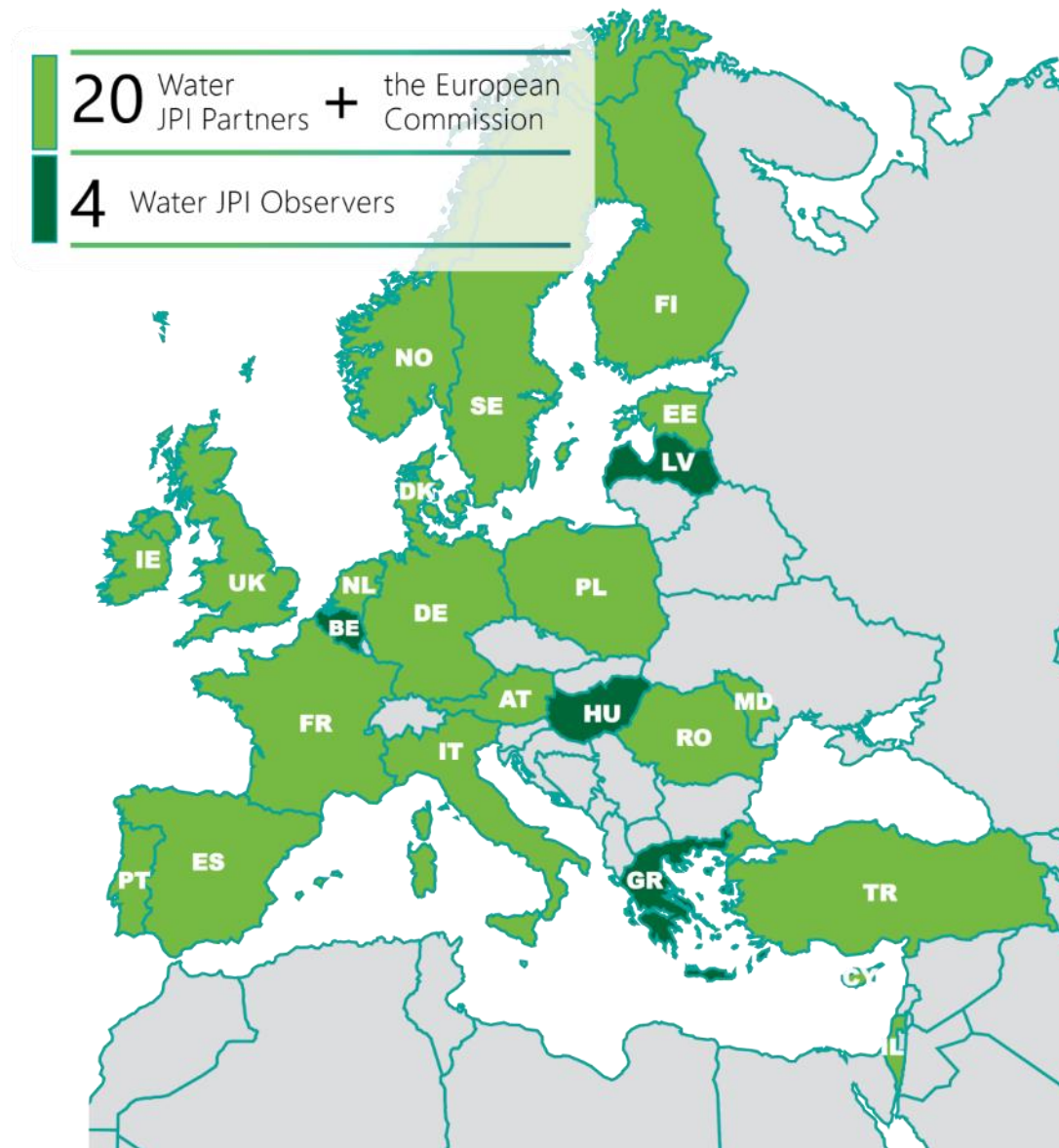
Joint Call Management for providing and steering **research and innovation** in the water sector

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

International Cooperation (MoUs, Call Partnerships...)



Water JPI Partner Countries



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

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)



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

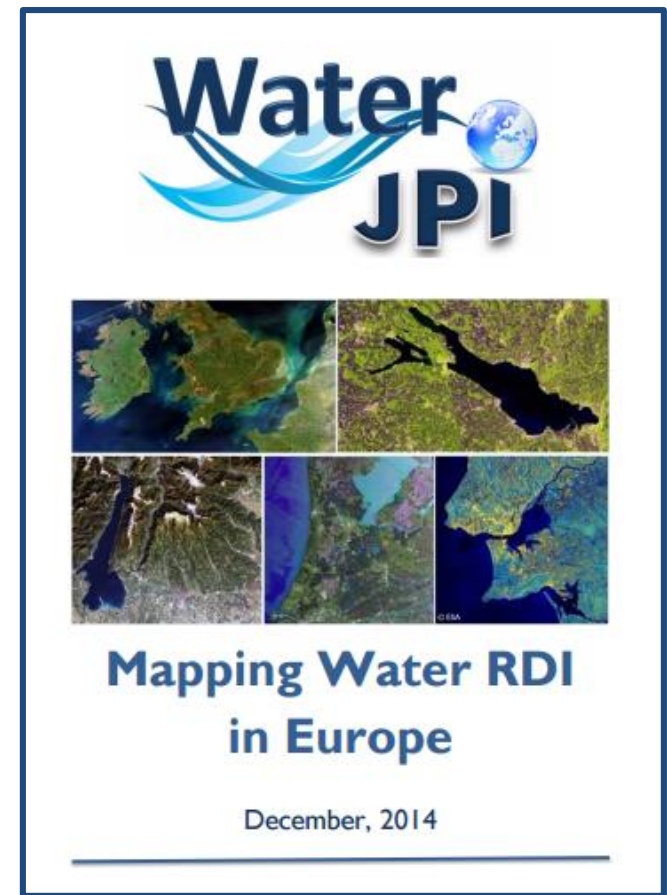


SRIA 2.0

(5 themes and 11 sub-themes)

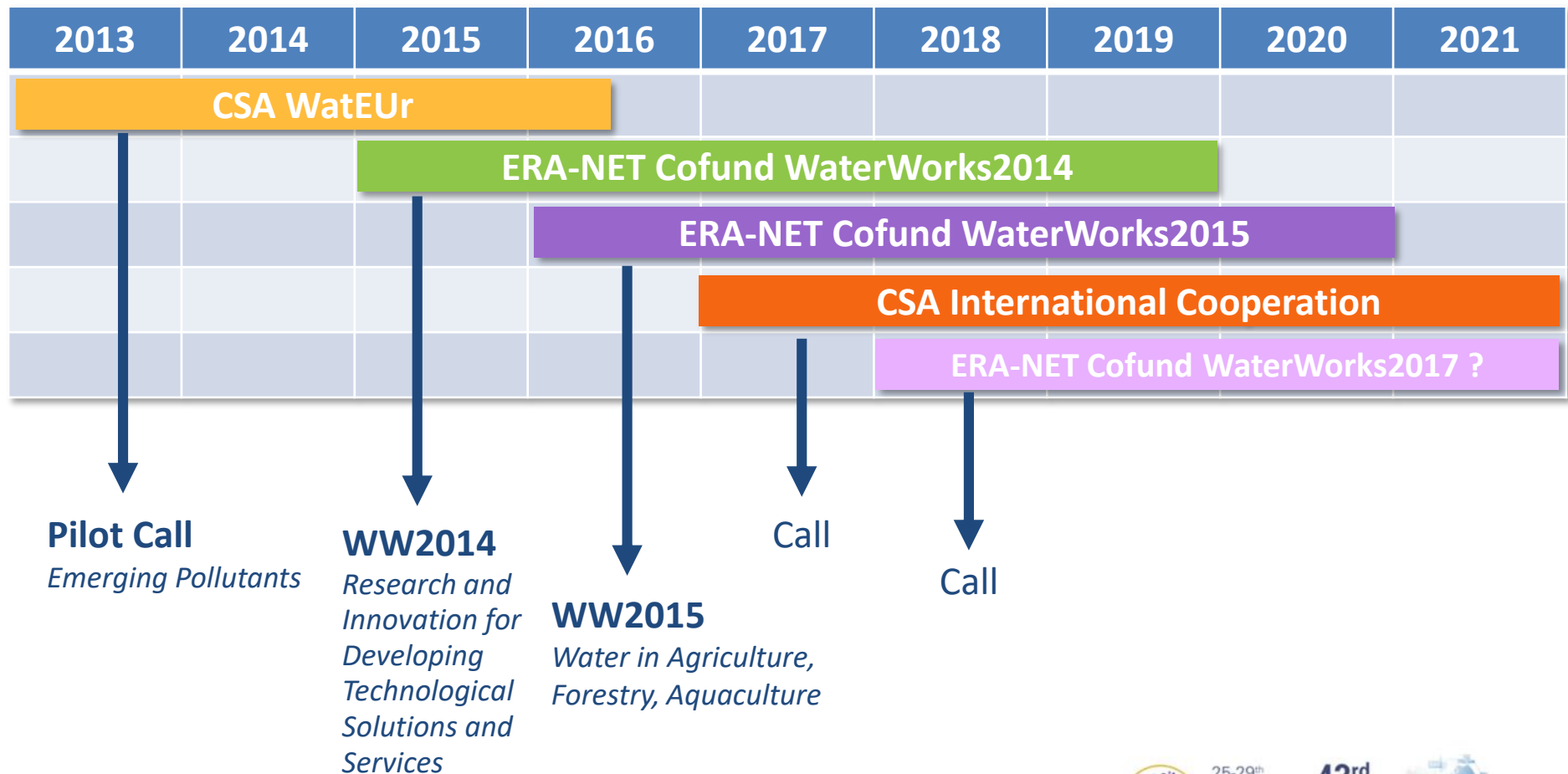
Why a mapping exercise?

- ✓ 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 of RDI activities in 7 targeted Outside EU countries (Brazil, Canada, China, India, South Africa, USA, Vietnam)



Timeline of Water JPI Joint Calls

Water JPI



The funding principle

- Each funding agency pays for its national/regional researchers
- 1 call content, 1 call evaluation, 1 ranking list
- 2 steps evaluation

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

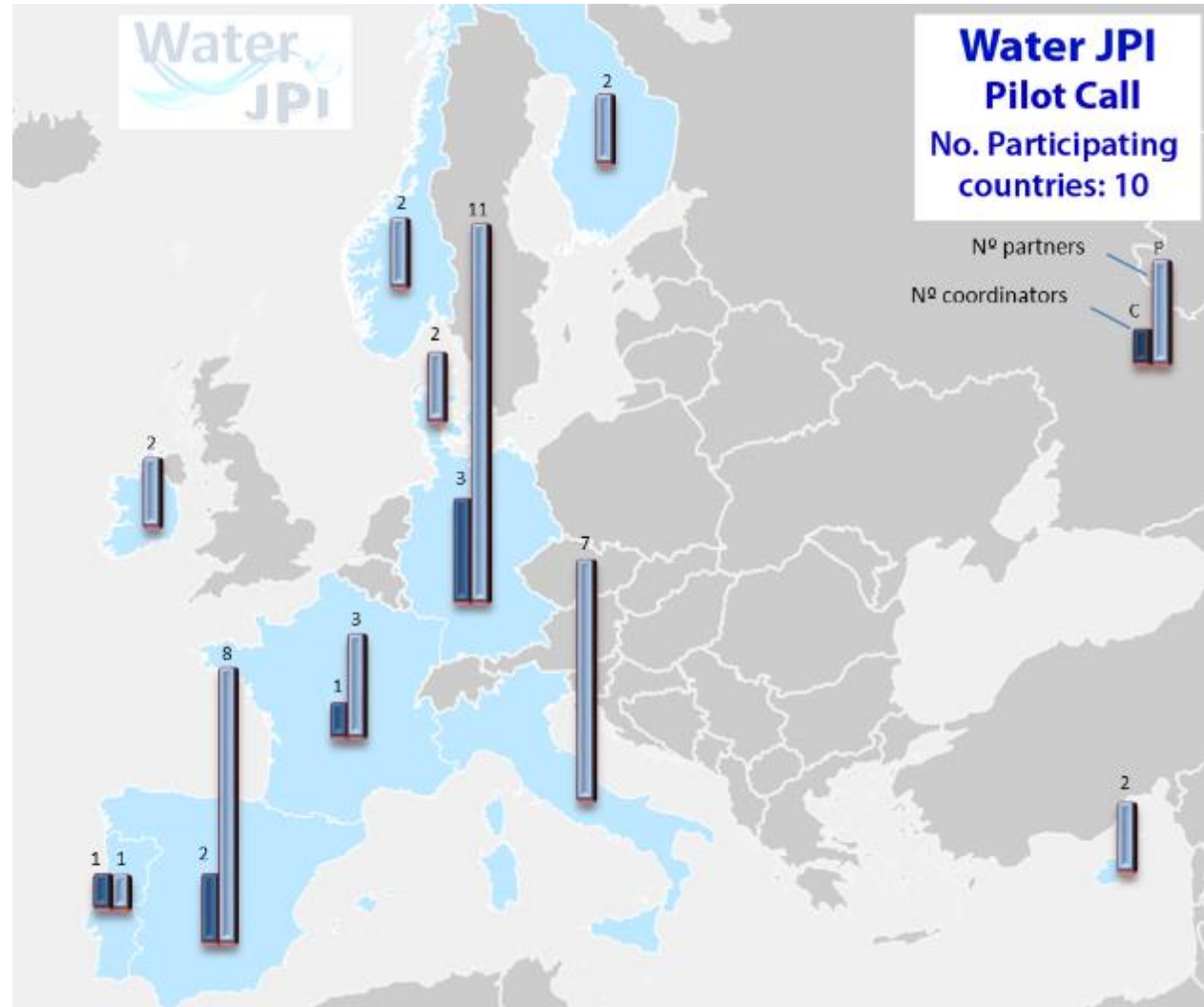
Integrating social and economic dimensions into the sustainable management and governance of water resources.

€ 25 million*

* Budget available

Pilot Call: Funded Projects

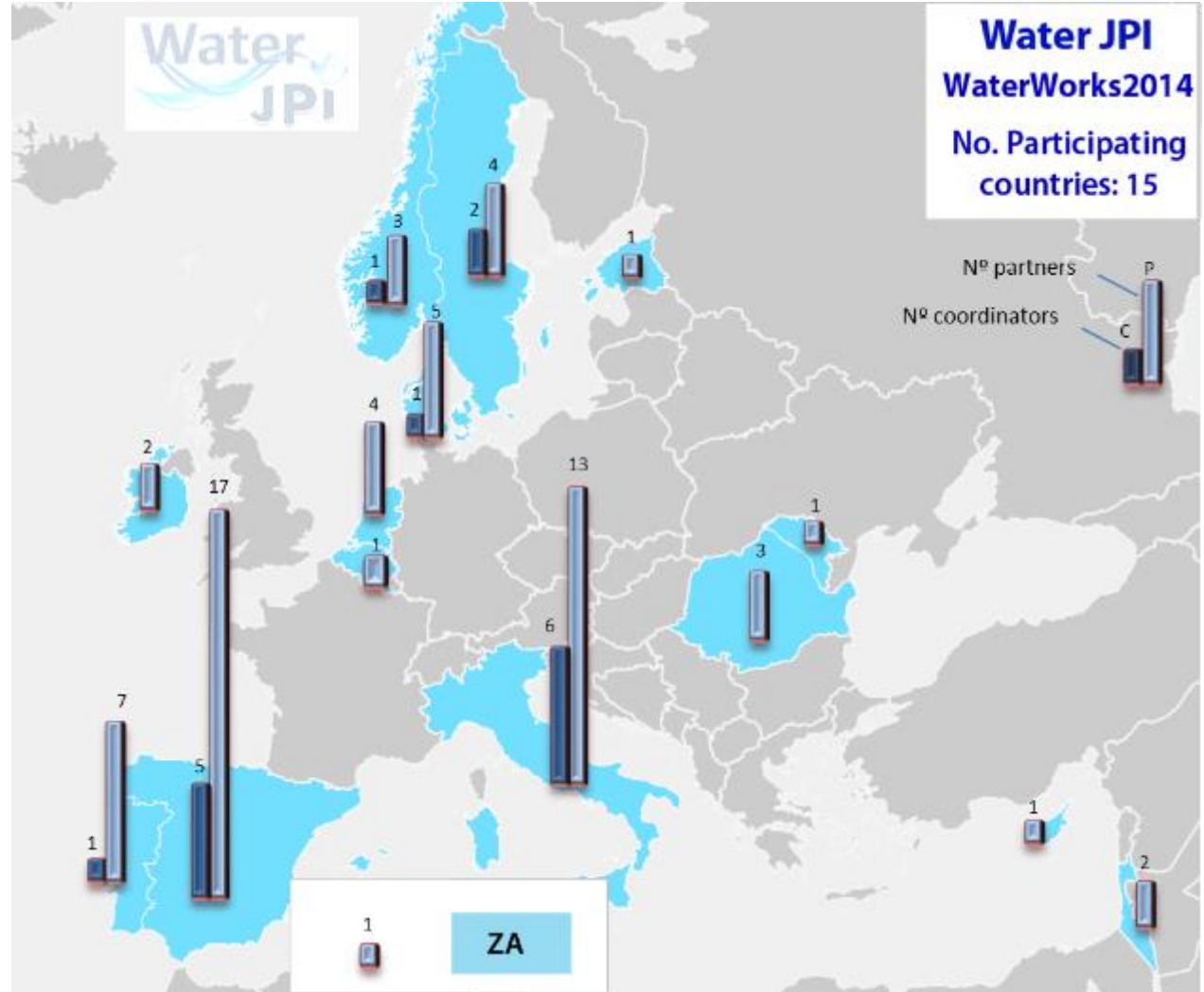
Country	C	P
CY	0	2
DK	0	2
DE	3	11
ES	2	8
FI	0	2
FR	1	3
IE	0	2
IT	0	7
NO	0	2
PT	1	1



7 projects funded
7 coord + 40 partners

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



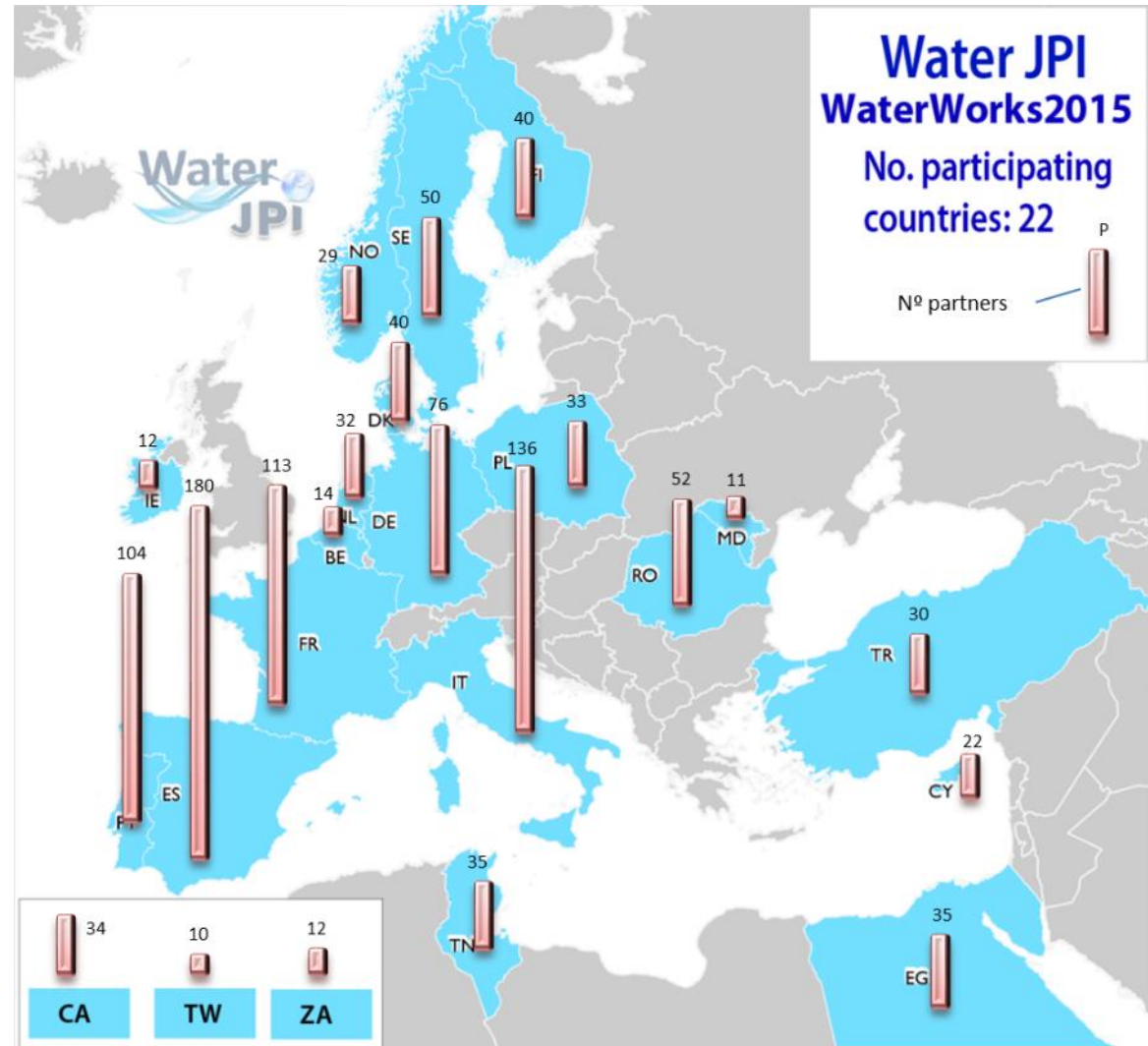
16 projects funded

16 coord + 65 partners

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



Joint Calls 2013-2016

Pilot Call

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WaterWorks2014

Water Treatment, Reuse, Recycling and Desalination

€47 million
(national funds + EC cofund)

and Droughts) at Catchment Scale

€ 14 million

WaterWorks2015

Increasing the efficiency and resilience of water uses

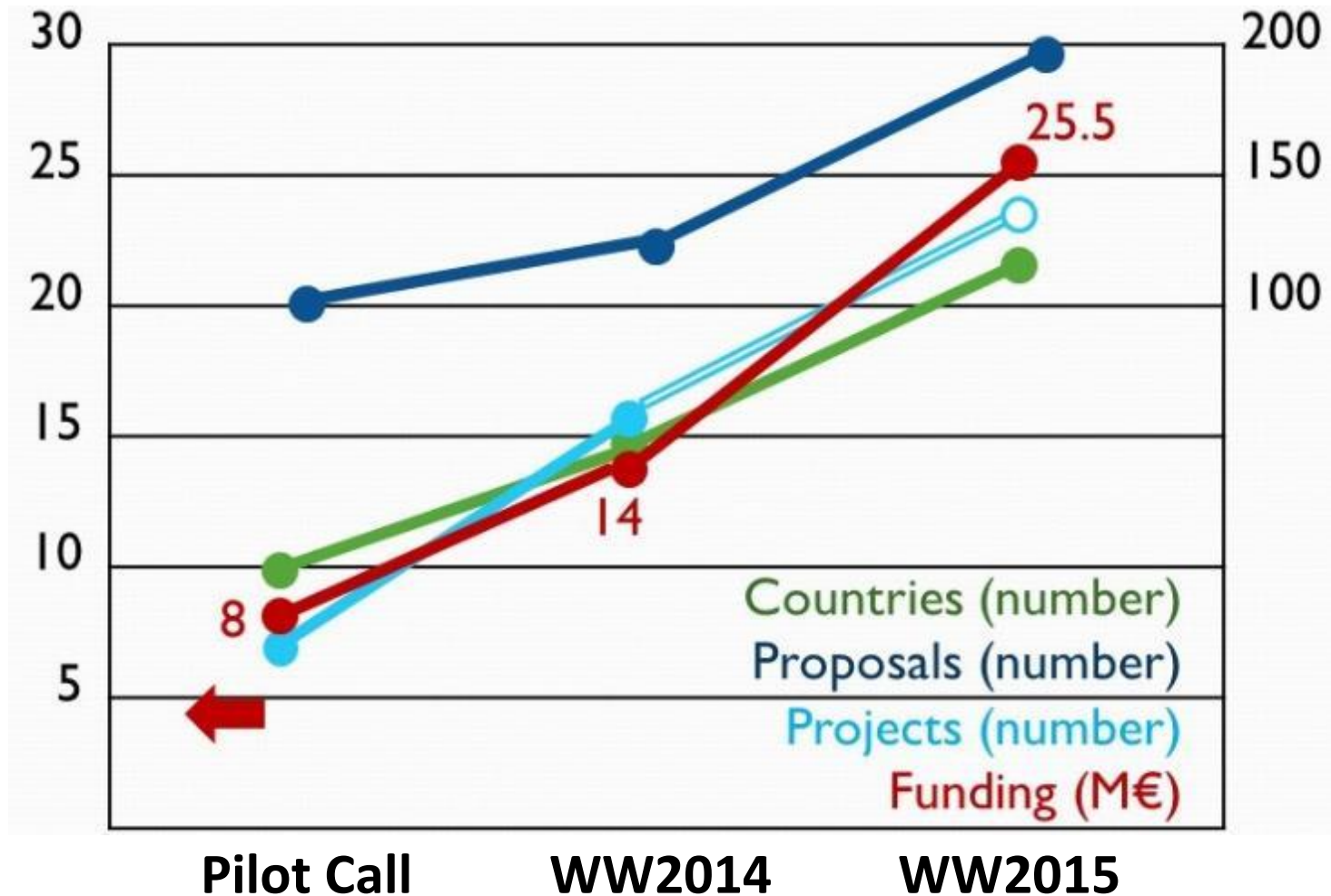
Monitoring and reducing soil and water pollution

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

€ 25 million*

* Budget available

Water JPI Joint Calls: Evolution



Water JPI Joint Calls in the future

- **2017 Joint Call**
 IC4WATER Call (Transnational only)
Proposed / multiple risks?
- **2018 Joint Call**
 WaterWorks2017 (Cofund)
 Closing the Water Cycle Gap -
 Sustainable Management of
 Water resources
- **2019 – 2020**
 Proposal to have 1 Cofund per year

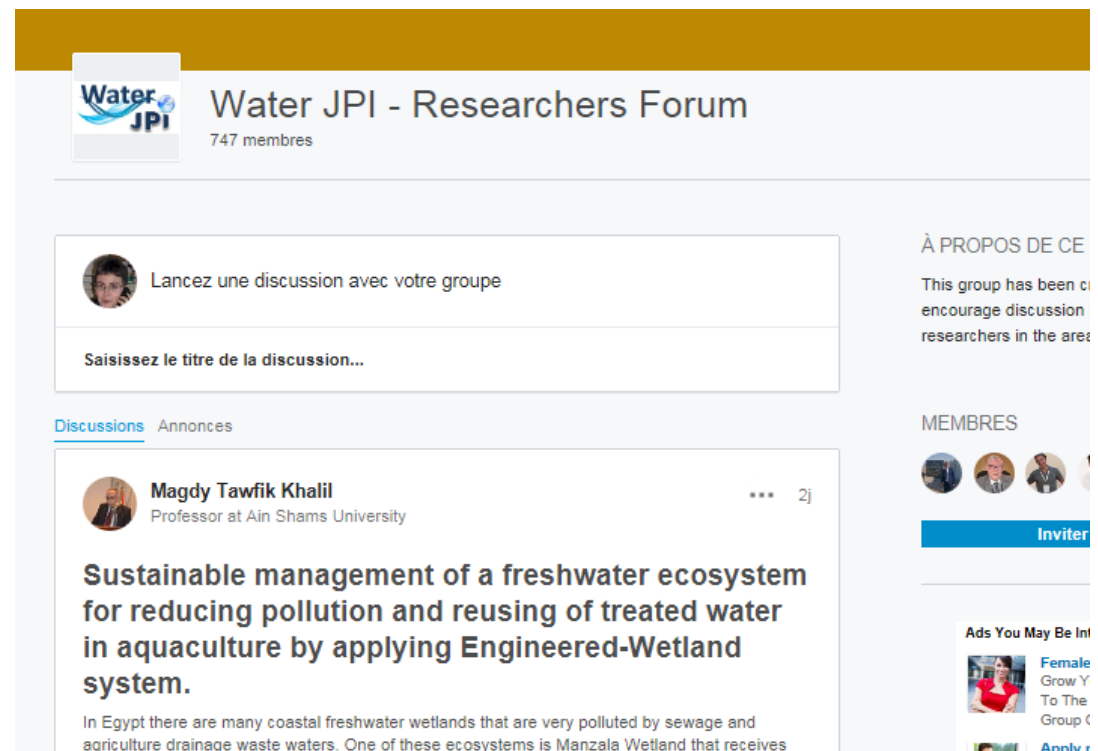
5 themes



For each theme, analysis of socioeconomic, environmental and policy impact

LinkedIn Researchers Forum group

- Created the 20th January 2016
- **823 members**
(08/2016)
- Joint Call 2016 / Networking
- Announcement of events and activities



The screenshot shows the LinkedIn page for the "Water JPI - Researchers Forum" group. The group has 747 members. A discussion prompt is visible: "Lancez une discussion avec votre groupe" with a text input field "Saisissez le titre de la discussion...". Below this, a post by Magdy Tawfik Khalil, Professor at Ain Shams University, is shown. The post title is "Sustainable management of a freshwater ecosystem for reducing pollution and reusing of treated water in aquaculture by applying Engineered-Wetland system." The post content begins with "In Egypt there are many coastal freshwater wetlands that are very polluted by sewage and agriculture drainage waste waters. One of these ecosystems is Manzala Wetland that receives". On the right side, there is a section "À PROPOS DE CE" with the text "This group has been c encourage discussion researchers in the area". Below that is a "MEMBRES" section with three profile pictures and an "Inviter" button. At the bottom right, there is an "Ads You May Be Int" section with a small ad for "Female Grow Y To The Group C" and an "Apply r" button.

Other opportunities

- Other JPIs

- Climate
- FACCE

- Belmont Forum

20 international agencies

- Article 185 initiatives

“Regional initiatives” around the [North Sea](#) (BONUS) or the [Mediterranean Sea](#) (PRIMA)



***Thank you for
your attention!***

See you....

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ANR

