

Water JPI Pilot Call: Process and Results



Harri Hautala / Call Secretary
11th March 2015, Brussels

Water JPI Pilot Call
Kickoff meeting

Water JPI Pilot Call

- ✓ The Water JPI funding partner organizations launched this first common call to enable multi-national, collaborative research, development and innovation projects addressing the topic "Emerging water contaminants - anthropogenic pollutants and pathogens"
- ✓ The Call was open between 1 November – 19 December 2013
- ✓ The Call included 11 funding organisations from 10 countries: RPF (Cyprus); DSF (Denmark); AKA (Finland); ONEMA (France); BMBF (Germany); EPA (Ireland); MIUR (Italy); RCN (Norway); FCT (Portugal); MINECO and CDTI (Spain)
- ✓ The amount of public funding available for transnational collaborative research projects was 9 M €

Call Objectives

Objectives of Water JPI Pilot Call:

- ✓ to enable multi-national, collaborative research, development and innovation projects addressing questions relating to the water challenges faced by the European society
- ✓ to promote multi-disciplinary work
- ✓ to encourage proposals with fundamental and/or applied approaches
- ✓ to stimulate mobility of researchers within the Consortium

Tackling societal challenges always requires a multidisciplinary approach. Therefore, all proposals should emphasize participation of stakeholders, and dissemination and exploitation of results.

Call Topic

The Call topic “ Emerging water contaminants – anthropogenic pollutants and pathogens” is assembled from Water JPI SRIA, a document that lays out specific actions of Water JPI in the short, medium and long term, tackling a specific challenge.

Preparation of SRIA has been done by reviewing various information sources, including national RDI agendas, the strategic agendas of neighbouring initiatives, foresight studies and European policy documents in order to identify RDI needs and related actions in the water domain.

Main themes of the Water JPI Research and Innovation Agenda (SRIA):

- ✓ 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

Call Themes

Call topic: “ Emerging water contaminants – anthropogenic pollutants and pathogens”

Theme 1: Identification and prevention of emerging freshwater contaminants

Proposals should aim to develop methods to identify emerging freshwater contaminants, to determine their sources, their behaviour and destination. Moreover, concepts should be investigated to prevent either the appearance or the impact of these contaminants in the future.

Theme 2: Control, mitigation and methods for treatment and removal

Proposals should focus on developing and implementing measures or technologies to control, monitor and mitigate emerging freshwater contaminants. Additionally proposals should evaluate existing mitigation concepts.

Theme 3: Impact on ecosystems services and human health

Emerging freshwater contaminants have an impact on both ecosystem services and on human health. Proposals should further our understanding of the effects of emerging contaminants on ecosystem functioning and their associated risks. Proposals can also include methods to analyze and understand their influences, and develop appropriate assessment mechanisms.

Call Administration and Evaluation

Call Steering Committee (CSC)

- Decision making body nominated by partner organisation
- Chair AKA

Call Secretariat (CS)

- Call facilitation (AKA)

National Contact Point (NCP)

- National contact person for applicants nominated by the partner organisation

Evaluation Committee (EC)

- Internationally recognized experts on the field of the Call
- Evaluates and ranks the proposals

Call Processes and Timeline

Call

- Pre-announcement
- Call announcement
- Twitter Infoday
- Proposal submission dead line

20 September 2013
4 November 2013
13 November 2013
19 December 2013

Evaluation

- EC review process
- EC panel meeting (rating & ranking)

March – May 2014
6-8 May 2014

Decisions

- CSC meeting (eligibility decisions)
- CSC meeting (funding recommendations)
- National funding decisions

4 February 2014
6 June 2014
June 2014 -

Evaluation Committee

The Evaluation Committee (EC) consisted of esteemed, international researchers and stakeholders in the field of the Pilot Call. Evaluators took part in the EC as independent experts and did not represent any organization. EC members declared any potential conflicts of interest.

EC Chair and members were chosen from the candidate lists provided by the funding organisations.

EC members:

Prof. Steven Eisenreich (Chair), Prof. Thomas Braunbeck, Dr. Katarzyna (Kasia) Kujawa-Roeleveld, Prof. Øyvind Mikkelsen, Prof. Graham Mills, Prof. Brian Moss, Associate Prof. Aaron P. Roberts, Dr. Santiago Solís, Associate Prof. Petros Samaras and Prof. Thomas Wintgens

Role of the EC:

- 1) To evaluate the applications
- 2) To compose the final ranked list of applications recommended for funding
- 3) To provide a written Evaluation Summary Report for each application to explain its decision to the CSC and the applicants

Evaluation Criteria

1. Quality of the proposal (average of sub-criteria rating 1-6; threshold level 5/6)
 1. Scientific/technological quality (sub-rating 1-6)
 2. Novelty of the proposal (sub-rating 1-6)
 3. Relevance of the project to the call (sub-rating 1-6)
 4. Feasibility of the project (including budget), facilities available (sub-rating 1-6)

2. Competence of applicants (average of sub-criteria rating 1-6; threshold level 4/6)
 1. Competence and expertise of the applicant/consortium (sub-rating 1-6)
 2. Project management (sub-rating 1-6)
 3. Added value of transnational consortium and complementarity expertise (sub-rating 1-6)

3. Impact (average of sub-criteria rating 1-6; threshold level 4/6)
 1. Societal impact and stakeholder engagement (sub-rating 1-6)
 2. Dissemination and exploitation of the results (sub-rating 1-6)
 3. Potential outputs/results/policy relevance (sub-rating 1-6)

The final score of the project was the sum of the three main criteria (3-18).

Call Decisions

A total of 64 consortium proposals was evaluated and ranked during March – May 2014.

As a result of work done by Evaluation Committee (EC), CSC gave recommendation to fund 7 Water JPI Pilot Call Consortia (including 44 subprojects):

7 Consortia (53 partners of whom 44 was eligible)

- ✓ Eligible partners from all 10 countries (all 11 funding organisations involved)
- ✓ Coordinators from DE, FR, ES, PT
- ✓ 3 female and 4 male coordinators
- ✓ 13 female (30 %) and 31 male partners (70 %)

Call Consortiums

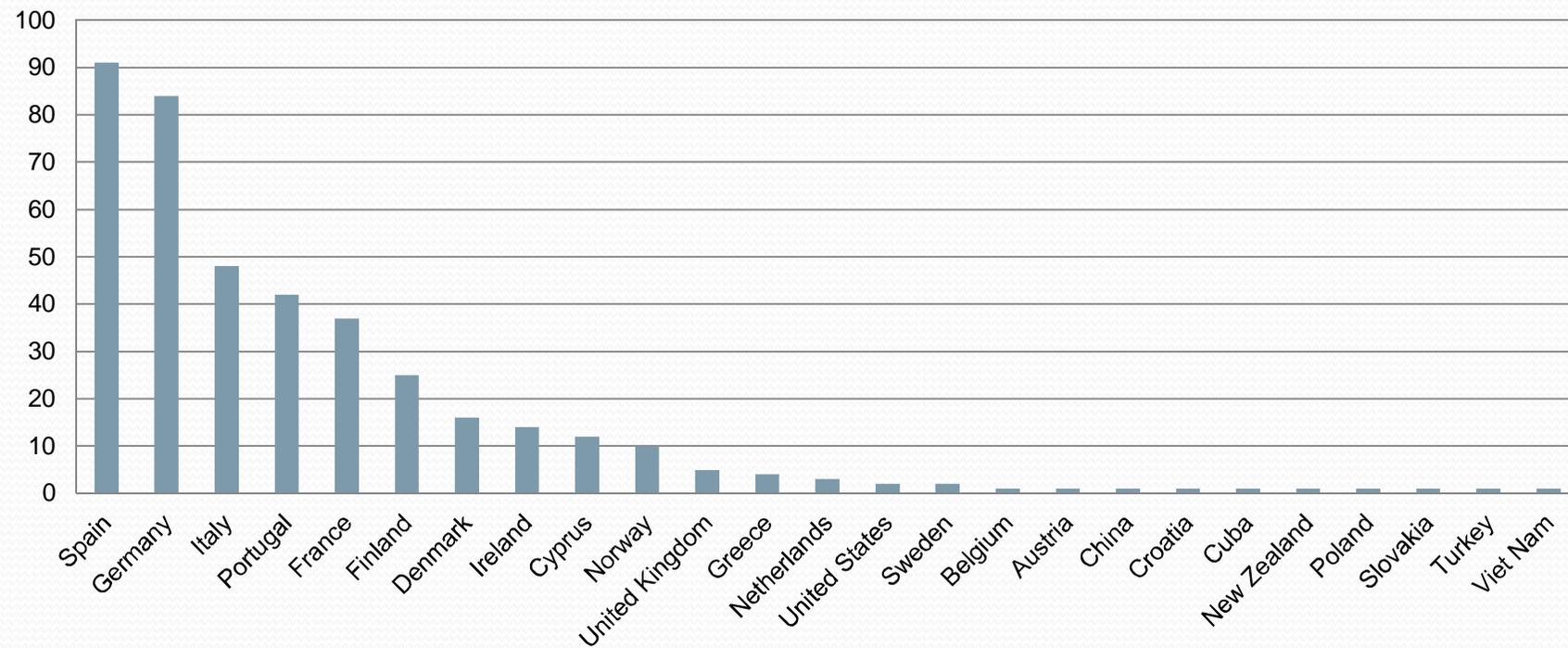
Theme 1: Identification and prevention of emerging freshwater contaminants

Theme 2: Control, mitigation and methods for treatment and removal

Theme 3: Impact on ecosystems services and human health

Project	Topic	Call themes	Coordinator	Funded by
FRAME	A novel Framework to Assess and manage contaminants of Emerging concern in indirect potable reuse	1 & 2	Thomas Ternes (Germany)	France, Italy, Norway
METAWATER	New METAgenomics and molecular based tools for European scale identification and control of emergent microbial contaminants in irrigation WATER	1	Rosina Girones (Spain)	Cyprus, Denmark, Germany
MOTREM	Integrated processes for MONitoring and Treatment of Emerging contaminants for water reuse	1 & 2	Javier Marugan (Spain)	Finland, France, Germany, Italy
PERSIST	Persistence and fate of emerging contaminants and multi-resistant bacteria in a continuum of surface water groundwater from the laboratory scale to the regional scale	1 & 3	Corinne Le Gal La Salle (France)	Germany, Spain
PROMOTE	PROtecting water resources from MOBILE TracE chemicals	1	Thorsten Reemtsma (Germany)	France, Norway, Spain
StARE	Stopping antibiotic Resistance Evolution	1	Célia M. Manaia (Portugal)	Cyprus, Finland, Germany, Ireland, Norway
TRACE	Tracking and assessing the Risk from Antibiotic Resistant genes using Chip technology in surface water ecosystems	1 & 3	Wolfgang Fritzsche (Germany)	Ireland, Italy, Portugal, Spain

Call Statistics I: Nationality (eligible applicants)



Call Statistics II: Funding organizations (eligible applicants)

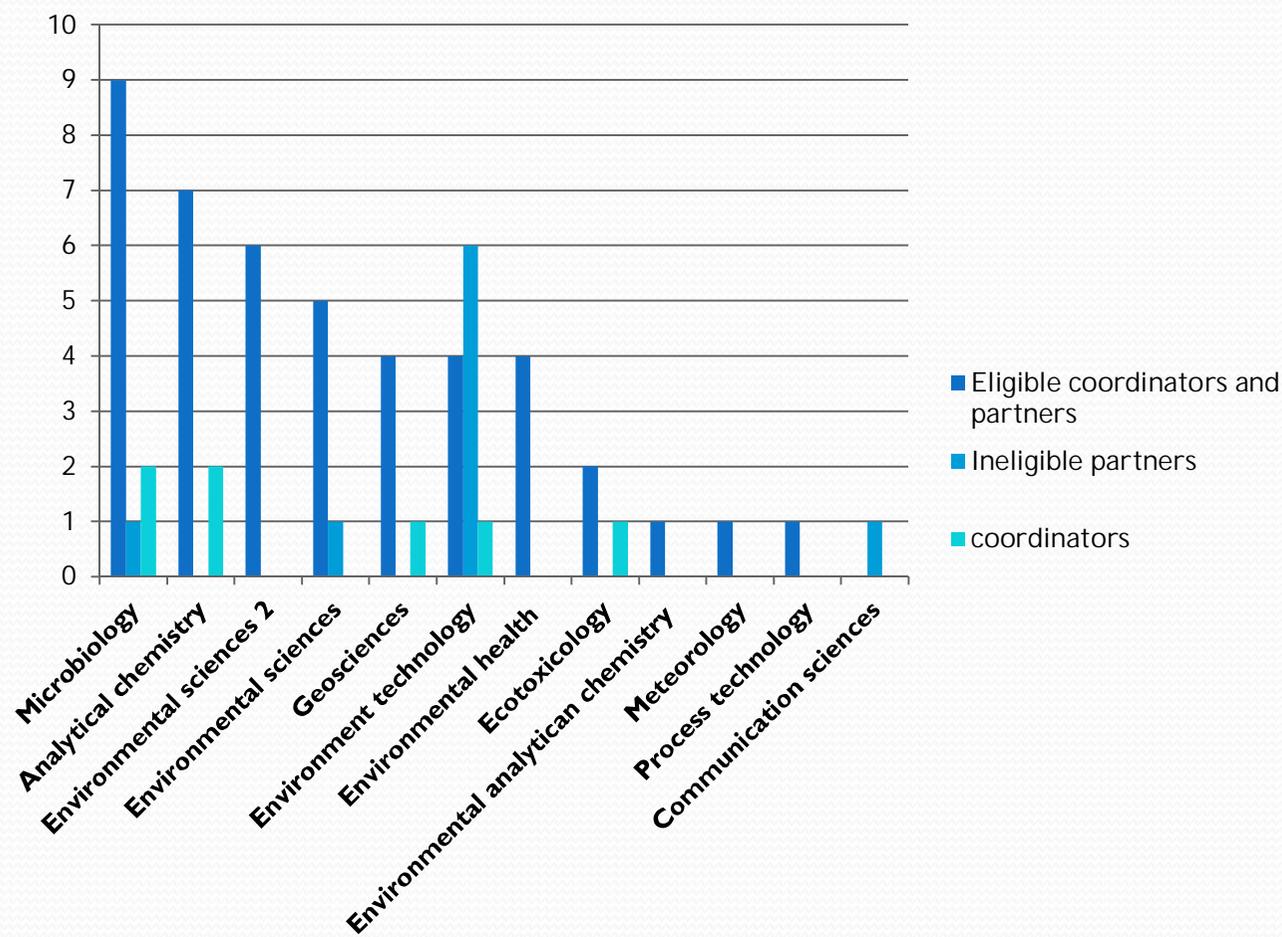
Total amount of applications 595 (366 eligible), total applied funding 117 M € (all).

	Number of applications	Funded applications	Total applied sum	Total funded sum
BMBF (Germany)	79	13	25 100 753	3 080 000
MINECO (Spain)	74	9	12 276 227	1 399 000
MIUR (Italy)	45	4	5 627 509	299 641
FCT (Portugal)	37	3	3 750 513	299 544
DSF (Denmark)	26	1	6 885 642	481 952
AKA (Finland)	26	2	6 869 052	517 902
ONEMA (France)	19	4	5 453 242	600 432
RCN (Norway)	18	3	3 317 448	591 700
RPF (Cyprus)	16	2	1 398 910	199 998
EPA (Ireland)	14	2	1 326 946	263 898
CDTI (Spain)	12	1	2 791 480	141 795

Call Statistics III: Organisation type (eligible applicants)

	University	Research institute	Enterprise	Other
Share of applications	53.13 %	29.97 %	15.53 %	1.36 %
Share of applied funding	56.37 %	31.82 %	10.35 %	1.45 %
Share of funded partners	56.81 %	31.81 %	9.09 %	2.27 %
BMBF (Germany)	46,84 %	35,44 %	12,66 %	5,06 %
MINECO (Spain)	62,16 %	35,14 %	2,70 %	0,00 %
MIUR (Italy)	55,56 %	15,56 %	28,89 %	0,00 %
FCT (Portugal)	56,76 %	27,03 %	16,22 %	0,00 %
DSF (Denmark)	80,77 %	11,54 %	7,69 %	0,00 %
AKA (Finland)	53,85 %	38,46 %	7,69 %	0,00 %
ONEMA (France)	36,84 %	42,11 %	21,05 %	0,00 %
RCN (Norway)	27,78 %	72,22 %	0,00 %	0,00 %
RPF (Cyprus)	56,25 %	18,75 %	18,75 %	6,25 %
EPA (Ireland)	71,43 %	14,29 %	14,29 %	0,00 %
CDTI (Spain)	0,00 %	0,00 %	100,00 %	0,00 %

Call Statistics IV: Number of funded applicants per research field



Thank you!

