



EURO – MEDITERRANEAN COOPERATION THROUGH ERANET JOINT ACTIVITIES AND BEYOND

“Italian INFO DAY on the First Call”

25 Novembre 2014

CNR – Piazzale Aldo Moro – Sala Giacomello

www.eranetmed.eu

Coordination and Integration of research

The overall aim of the Joint Programming process is to pool national research efforts in order to make better use of R&D resources and to tackle common European challenges more effectively in a few key areas.

Public-public partnerships in Horizon 2020 *(Art.26 Horizon 2020 regulation)*

H2020 shall contribute to the strengthening of public-public partnerships, as and when appropriate, where actions at regional, national or international level are jointly implemented within the Union.

1. **Joint Programming Initiatives** between Member States/Associated Countries.
2. **Public-public partnerships** may be supported also through:
 - (a) **ERA-NET instrument**
 - (b) Union participation in programmes undertaken by several Member States in accordance with **Article 185 TFEU** ...



GEOGRAPHICAL DISTRIBUTION



- CIHEAM-IAMB– Italy (COORDINATOR)**
- TUBITAK – Turkey (DEPUTY COORDINATOR)**
- DGRSDT - Algeria
- RPF – Cyprus
- ASRT - Egypt
- MHESR - Egypt
- ANR - France
- CNRS-F - France
- BMBF- Germany
- DLR – Germany
- NHRF- Greece
- GRST-Greece
- CNR – Italy
- MIUR – Italy
- RegPUGLIA – Italy
- HCST – Jordan
- CNRS-L – Lebanon
- MCST – Malta
- MENESFCRS – Morocco
- FCT – Portugal
- AGUAR - Spain
- CSIC – Spain
- MINECO - Spain
- MHESRT – Tunisia



What is the ERANETMED project?

INCO – Capacity – FP7

Main goal: the creation of a “European Research Area Network” for the Mediterranean Partner Countries, similar to other “ERA-Nets” operating in relation to areas as diverse as Africa, (ERAfrica), Russia (ERA.Net RUS+), India (New INDIGO) and the Far East (KorA-Net).

Specific objectives:

- establishing a framework for communication and coordination of programme owners and managers related to S&T cooperation from Europe and MPCs
- strengthening Euro-Mediterranean R&I Cooperation promoting joint activities
- developing joint funding schemes and procedures between Member States and Associated States of the European Union and MPCs
- enhancing MPC capacities to increase the impact of research on the socio-economic development of the region.



ERANETMED strategic lines

- **Successful - co-owned joint initiatives with MPC in the driving sit**
- **Beyond fundamental research: emphasis on capacity and innovation in relation to societal challenges**
- **Support strategic agenda for long-term R&I agenda (i.e. activity under Article 185)**
- **Coherence and synergies with other initiatives**



1st JOINT CALL ON

Renewable Energies, Water Resources, Renewable Energy-Water nexus

Co-funded by the following Euro-Mediterranean countries and regions:

Algeria, Cyprus, Egypt, France, Jordan, Greece, Germany, Italy, Lebanon, Malta, Morocco, Portugal, Tunisia, Turkey, Spain.

IMPORTANT DATES

- ✓ Launching of the call: **1 November 2014**
- ✓ Deadline for submission of proposals: **2 February 2015**

Institution	Themes	Contribution
CIHEAM, International	Water, Nexus	300.000 €
TUBITAK (Turkey)	Energy, Water, Nexus	500.000 €
DGRSDT, Algeria	Energy, Water	1.000.000 €
RPF, Cyprus	Energy, Water, Nexus	200.000 €
STDF, Egypt	Energy and Nexus	750.000 €
ASRT, Egypt	Water	750.000 €
ANR, France	Energy, Water, Nexus	2.000.000 €
CNRS - F, France	Energy, Water, Nexus	200.000 €
HCST, Jordan	Energy, Water	220.000 €
CNRS - L, Lebanon	Energy, Water, Nexus	200.000 €
MESRSFC, Morocco	Energy, Water, Nexus	1.000.000 €
FCT, Portugal	Energy, Water, Nexus	500.000 €
MESRST, Tunisia	Energy, Water, Nexus	600.000 €
BMBF, Germany	Energy	1.500.000 €
MCST, Malta	Energy, Water, Nexus	400.000 €
MINECO, Spain	Energy	500.000 €
MIUR, Italy	Energy, Water, Nexus	2.000.000 €
GRST, Greece	Energy, Water, Nexus	800.000 €
	Total	13.420.000€



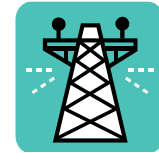
- Virtual common pot (funds to researchers of own country)
- One step
- Eligibility: at least 3 different ERANETMED countries (2+1 countries)
- Participation open to non-ERANETMED countries organisations with own money



a) Renewable Energy and Energy Efficiency

(call identifier: **JC-ENERGY-2014**)

- Hybrid renewable energy system integration
- Smart micro-grids
- Renewable energy and energy efficiency for smart and rural communities



b) Water resources management

(call identifier: **JC-WATER-2014**)

- Integrated water management from the catchment to coastal zone
- Integrated water use efficiency
- Water reuse in agriculture
- Water desalination



c) Renewable energy-Water nexus (Trans-disciplinary theme)

(call identifier: **JC-NEXUS-2014**)



Proposals shall address only one of the three themes

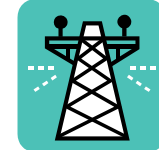


Themes (Energy)



Renewable energies and energy efficiency

(call identifier: [JC-ENERGY-2014](#))



Hybrid renewable energy system integration

objective is to support development and demonstration activities in the area of the integration of renewable energy sources to the electric utility

Smart Micro-grids

address demonstration of concepts for active micro-grid networks enabling the integration of increased numbers of small and medium-size distributed energy resources

Renewable energy and energy efficiency for smart and rural communities

The main objective is to increase and improve access to innovative, affordable and sustainable energy services for rural area by focusing on accessible renewable energy solutions as well as on energy efficiency measures



Themes (Water)



Water resources management (call identifier: [JC-WATER-2014](#))

Integrated water management from the catchment to coastal zone

The scope is Integrated Water Resources Management (IWRM) from catchment

Integrated water use efficiency

Development of new research and possibly enhancing new technologies in water use efficiency in the whole chain, from supply to end-users, coping with water scarcity, climate, water yields and water quality

Water reuse in agriculture

re-use of treated municipal waste water as well other low-quality water resources and its impact on future water availability

Water desalination

to identify ways for developing adequate technologies or optimising existing technology for desalination accounting for cost-energy effective and environmentally friendly schemes



Themes (Energy+Water Nexus)

ENERGY-WATER nexus (call identifier: [JC-NEXUS-2014](#))

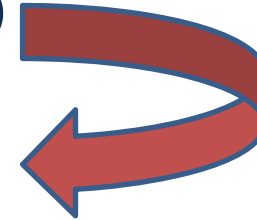
Applicant could also decide to address energy and water issues in the same project. The objective is to develop research and enhance new innovative approaches and technologies in order to maximise the energy efficiency and use of renewable energy accounting for the reduction of impact on natural water yields.





What will be funded?

The following **actions** will be eligible for funding (1/2)



1. Collaborative Research

Joint undertaking by a partnership of institutions designed to produce new knowledge through scientific research.

It should take into account to develop an impact, demand and policy driven research, also accounting the inclusion of SMEs and enhancing innovation

2. Innovation

Joint undertaking to bridge the gap between the outcomes of research projects and commercialisation, by supporting activities related to the first application and further market uptake of innovative techniques, processes, products or services, and helping overcome barriers that could hamper their commercial success.



What will be funded?

The following actions will be eligible for funding (2/2)

3. Capacity Building

Activities should target the strengthening of institutional capacities, rather than individual capacities. If combined with Mobility, it could target strengthening of individual capacity of young researchers through individual grants, bursaries and scholarships.

4. Mobility

Mobility is mainly based on supporting grants to young researchers from MPCs/AC to develop post-graduate studies linked with funded projects.



Condition

As a basic condition, all projects must be collaborative research projects.

Therefore, it will be mandatory for each proposal to include at least action a) (Collaborative research). Applicants are encouraged to propose collaborative projects including at least another of the above actions provided that the national funder covers such action.

Cross-cutting issues

Applicants are encouraged to take into account for their research important cross-cutting issues, particularly: socio-economic, governance, ICT and gender. Please check the National Regulation whether the national funder covers the cross-cutting issues



Cross-cutting issues

Applicants are encouraged to take into account for their research important cross-cutting issues, particularly

- **Socio-economic,**
- **ICT**
- **Gender**
- **Governance**





Important Dates

Call action	Scheduled
Launch of the Call	1 st November 2014
Deadline for proposal submission	2 nd February 2015
Results of Eligibility Check	1 st March 2015
Scientific Evaluation	March-July 2015
Informing Applicants of Evaluation Results	30 August 2015
Contract Negotiation	September – November 2015



Questions???????

