



# EU Framework Programme for Research and Innovation Horizon 2020



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HORIZON 2020



European  
Commission



HORIZON 2020

# Brief outline of H2020 terminology

**Pillar I** (Excellent Science)

**Pillar II** (Industrial Leadership)

**Pillar III** (Societal Challenges)

Horizontal Issues (Spreading excellence, Science for Society)

The 7 societal challenges are:

1. Health, demographic change and wellbeing	5. Climate action, environment, resource efficiency and raw materials
2. Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy	6. Europe in a changing world – inclusive, innovative and reflective Societies
3. Secure, clean and efficient energy	7. Secure societies – Protecting freedom and security of Europe and its citizens
4. Smart, green and integrated transport	

# International Cooperation in Horizon 2020

- International cooperation is crucial to address many Horizon 2020 objectives
- Principle of general openness: the programme will remain to be the most open funding programme in the world
- Need to join forces globally to tackle global challenges



# **New strategy for international cooperation in research and innovation**

**Need to engage more actively and strategically in international cooperation:**

**Three main objectives:**

- Strengthen the Union's excellence and attractiveness in research and innovation
- Tackle global societal challenges
- Support the Union's external policies

**Combining openness with better targeted actions**

**Strengthened partnership with Member States**

**Stronger contribution of research and innovation to external policies of the Union**

# **EU – South Mediterranean R&I cooperation**

## **Policy dialogue**

### **Bilateral policy dialogues**

5 S&T agreements: Algeria, Egypt, Jordan, Morocco, Tunisia

2 association agreements in FP7: Israel, Turkey

### **Bi-regional policy dialogue**

The Monitoring Committee for Euro-Mediterranean Cooperation  
in RTD (MoCo) -18 meetings since 1995

# EU – South Mediterranean R&I cooperation in FP7 (2007-2013)

## Projects

- About **300** FP7 funded **projects**
- Success rate – **13%**
- **704 million** EUR EU contribution to the projects
- **62 million** EUR EU contribution to the South Mediterranean partners
- **586** participations of public and private South Mediterranean institutions
- Main thematic areas of cooperation – **KBBE, Environment, ICT**
- **INCO projects:** *Support to bilateral activities (Bilats)*
  - Support to regional platforms INCO-Nets (MIRA/MedSPRING)*
  - Building competence in research labs (ERA-WIDES)*
  - ERA-NET (ERANETMED)*
  - Bridging the gap between research and innovation (R2I)*

# Participation Neighbourhood countries in Horizon 2020

## A) As Third country

- ENP countries can participate and receive EC funding (*exception: access to risk finance*)
- For standard collaborative actions: At least three legal entities each established in a different Member State or an Associated Country
- For ERC, SME instrument, etc.: One legal entity established in a Member State or in an Associated Country

## B) As Associated country

- ENP countries already associated to FP7 are eligible for association without pre-conditions (Art. 7.1.c)
- ENP countries, not previously associated, have to fulfill four criteria (Art. 7.1.b)



# Analysis of H2020 WPs 2014-2015

## List of Topics with direct geographic relevance

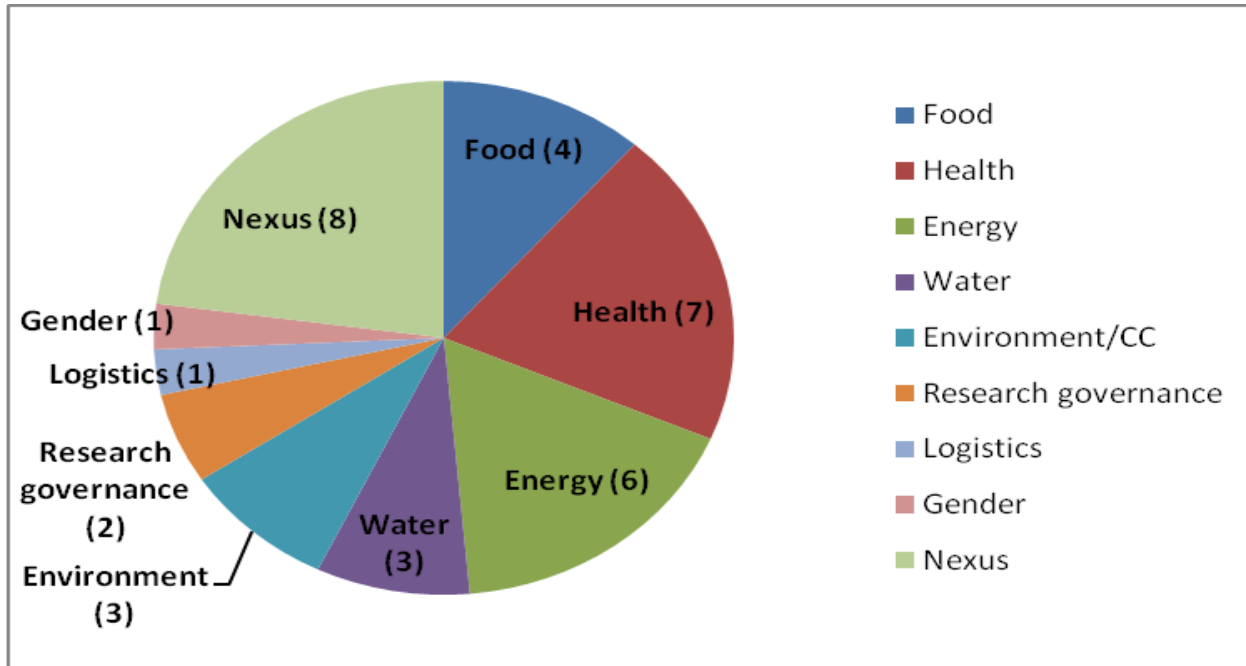
- 1) Encouraging the research and innovation cooperation between the Union and selected regional partners (**INT 2 – 2014/2015**)
- 2) Re-invigorating the partnership between the two shores of the Mediterranean (**INT 6 – 2015**)
- 3) Towards a new geopolitical order in the South and East Mediterranean (**INT 7 -2015**)
- 4) The European Union, Turkey and its wider neighbourhood: challenges and opportunities (**INT 92015**)

# Analysis of H2020 WPs 2014-2015

## List of Topics with indirect geographic relevance (1/2)

- International cooperation for research infrastructures (**INFRA SUPP 6 – 2014**)
- Sustainable intensification pathways of agro-food systems in Africa (**SFS 6 – 2014**)
- Small farms but global markets: the role of small and family farms in food and nutrition security (**SFS 18 – 2015**)
- Unlocking the growth potential of rural areas through enhanced governance and social innovation (**ISIB 3 – 2015**)
- Smarter design, construction and maintenance (**MG.8.1-2014**)
- Coordinating and supporting raw materials research and innovation (**SC-5-13-2014/2015**)
- Coordinating and supporting research and innovation in the area of climate action, environment, resource efficiency and raw materials (**SC5-19-2014/2015**)
- Coordinating and supporting Earth Observation research and innovation in the EU, and in the North African, Middle East, and Balkan region (**SC-18-2014/2015**)
- Strengthening international R&I cooperation in the field of water (**WATER-5-2014/2015**)

# Thematic dimension



The **36** topics with thematic relevance for the Mediterranean have been grouped under the following themes: **Food, Health, Energy, Water, Environment/Climate Change, Research governance, Gender, Logistics**. Some topics have been identified addressing the **nexus** Health/Energy, Food/Energy, Health/Food.



# **EuroMED Cooperation. Inland and Marine Water Challenges**

**Naples, 3-4 November 2014**

**4 Workshops:** Water resources and land management impacts on inland and sea water; A Med integrated ocean observing system to support sustainable tourism; Ecosystem approach for fishery and aquaculture; Ecosystem-based management approach in the Med region

**Plenary session:** policy context; forward looking and historical analysis; complementarity btw different initiatives –e.g. between the two H2020...

# Useful links and publications

[http://ec.europa.eu/research/horizon2020/index\\_en.cfm](http://ec.europa.eu/research/horizon2020/index_en.cfm)

<http://ec.europa.eu/research/iscp/index.cfm>

[http://ec.europa.eu/research/iscp/pdf/neighbourhood\\_policy.pdf](http://ec.europa.eu/research/iscp/pdf/neighbourhood_policy.pdf)

[http://ec.europa.eu/research/iscp/pdf/projects\\_in\\_support\\_publication.pdf](http://ec.europa.eu/research/iscp/pdf/projects_in_support_publication.pdf)

<http://ec.europa.eu/mariecurieactions>



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**Thanks for your attention!**