

APRE

Agenzia per la Promozione  
della Ricerca Europea



# *Finanziamenti europei per le rinnovabili marine*

**CHIARA POCATERRA**

APRE - EU Horizon 2020 National Contact Point

Secure, clean and efficient energy

Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy

EURATOM

*Roma, 29/09/2017*

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## APRE – IN BREVE

- “ **1989** APRE nasce come *task force* del **Ministero** dell’Università e della Ricerca;
- “ **Prima** realtà italiana nel suo genere, **27 anni** di esperienza;
- “ **Mission: sosteniamo** la partecipazione italiana ai programmi quadro europei per la Ricerca e l’Innovazione
- “ Supportati da oltre **130 soci**;
- “ Presenti sul territorio via una rete di **sportelli regionali**;
- “ **Servizi: formazione, informazione, assistenza e consiglio su H2020; supporto alle attività internazionali in ambito R&I nonché networking e advocacy al servizio del Sistema-Paese**;
- “ **Sede** dei Punti di Contatto Nazionale - **NCP** per H2020;
- “ Presenti a **Bruxelles** con un **Liaison Office**.



## Rinnovabili Marine – SC3 HORIZON 2020

- “ HORIZON 2020
- “ Work Programme 2016-2017
- “ Work Programme 2018-2019
- “ Regole di partecipazione (in breve)
- “ Eventi

# HORIZON 2020

## Excellent Science

- **European Research Council**
  - Frontier research by the best individual teams
- **Future and Emerging Technologies**
  - Collaborative research to open new fields of innovation
- **Marie Skłodowska Curie actions**
  - Opportunities for training and career development
- **Research infrastructures** (including e-infrastructure)
  - Ensuring access to world-class facilities

## Industrial Technologies

- **Leadership in enabling and industrial technologies**
  - ICT, nanotechnologies, materials, biotechnology, manufacturing, space
- **Access to risk finance**
  - Leveraging private finance and venture capital for research and innovation
- **Innovation in SMEs**
  - Fostering all forms of innovation in all types of SMEs

## Societal Challenges

- **Health, demographic change and wellbeing**
- **Food security, sustainable agriculture, marine and maritime research & the bioeconomy**
- **Secure, clean and efficient energy**
- **Smart, green and integrated transport**
- **Climate action, resource efficiency and raw materials**
- **Inclusive, innovative and reflective societies**
- **Secure societies**

European Institute of Innovation and Technology (EIT)

Spreading Excellence and Widening Participation

Science with and for society

Joint Research Center (JRC)

## Work Programme 2016-2017

*LCE-13-2016: Solutions for reduced maintenance, increased reliability and extended life-time of off-shore wind turbines/farms*

1 Progetto finanziato: ROMEO project, COORD: Spain. Non c'è partecipazione Italiana.

*LCE-15-2016: Scaling up in the ocean energy sector to arrays*

2 Progetti finanziati: ENFAIT project, COORD: UK. OCTARRAY project, COORD: FR. 2 Progetti IT sotto budget.

*LCE-16-2017: 2nd Generation of design tools for ocean energy devices and arrays development and deployment*

Scaduto il 7/09/2017. no info.

## Work Programme 2016-2017

Altri topic non specifici su una tecnologia:

*LCE-21-2017: Market uptake of renewable energy technologies (CSA)*

6 Progetti finanziati: WINWIND project, COORD: Germany. “Winning social acceptance for wind energy in wind energy scarce regions”: ENEA ed ECOAZIONI come partner Italiani.

Non c'è partecipazione Italiana.

*LCE-06-2017: New knowledge and technologies*

Scaduto il 22/08/2017. (second stage)

## Work Programme 2018-2019

LC-SC3-RES-1-2019-2020: Developing the next generation of renewable energy technologies

LC-SC3-RES-2-2018: Disruptive innovation in clean energy technologies

LC-SC3-RES-4-2018: Renewable energy system integrated at the building scale

LC-SC3-RES-11-2018: Developing solutions to reduce the cost and increase performance of renewable technologies

LC-SC3-RES-13-2018: Demonstrate solutions that significantly reduce the cost of renewable power generation

LC-SC3-RES-14-2019: Optimising manufacturing and system operation

LC-SC3-RES-19-2020: Demonstration of floating wind farms

**PRE-PUBLICATION OF WORK PROGRAMME 2018-2019: 6 OCTOBER 2017**

<https://ec.europa.eu/programmes/horizon2020/en/what-work-programme>

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## ***1. Who can participate?***

Any legal entity, regardless of its place of establishment, or international organization.

## ***2. How can participate?***

- (a) at least three legal entities shall participate in an action;
- (b) three legal entities shall each be established in a different Member State or associated country; and
- (c) the three legal entities referred to in point (b) shall be independent of each other.

### *3. Who is eligible for funding?*

- (a) any legal entity established in a Member State or **associated country\***, or created under Union law;
- (b) any international European interest organisation;
- (c) any legal entity established in a **third country** identified in the work programme (Annex A).

## *Associated Countries*

As of 07 November 2016, the following countries are Associated to Horizon 2020:

- " Iceland
- " Norway
- " Albania
- " Bosnia and Herzegovina
- " the former Yugoslav Republic of Macedonia
- " Montenegro
- " Serbia
- " Switzerland
- " Turkey
- " Israel
- " Moldova
- " Faroe Islands
- " Ukraine
- " Tunisia
- " Georgia
- " Armenia

## *International Cooperation*

In case of a participating legal entity established in a **third country not eligible for funding**, funding from the Union may be granted provided that at least one of the following conditions is fulfilled:

- a) The participation is deemed essential for carrying out the action
- b) Such funding is provided for under a bilateral scientific and technological agreement



## *Third countries not eligible*

Industrialised countries: for instance US, Canada, Republic of Korea, Singapore, Australia, Taiwan, New Zealand, Macao, San Marino, Monaco, Andorra, Vatican, etc.

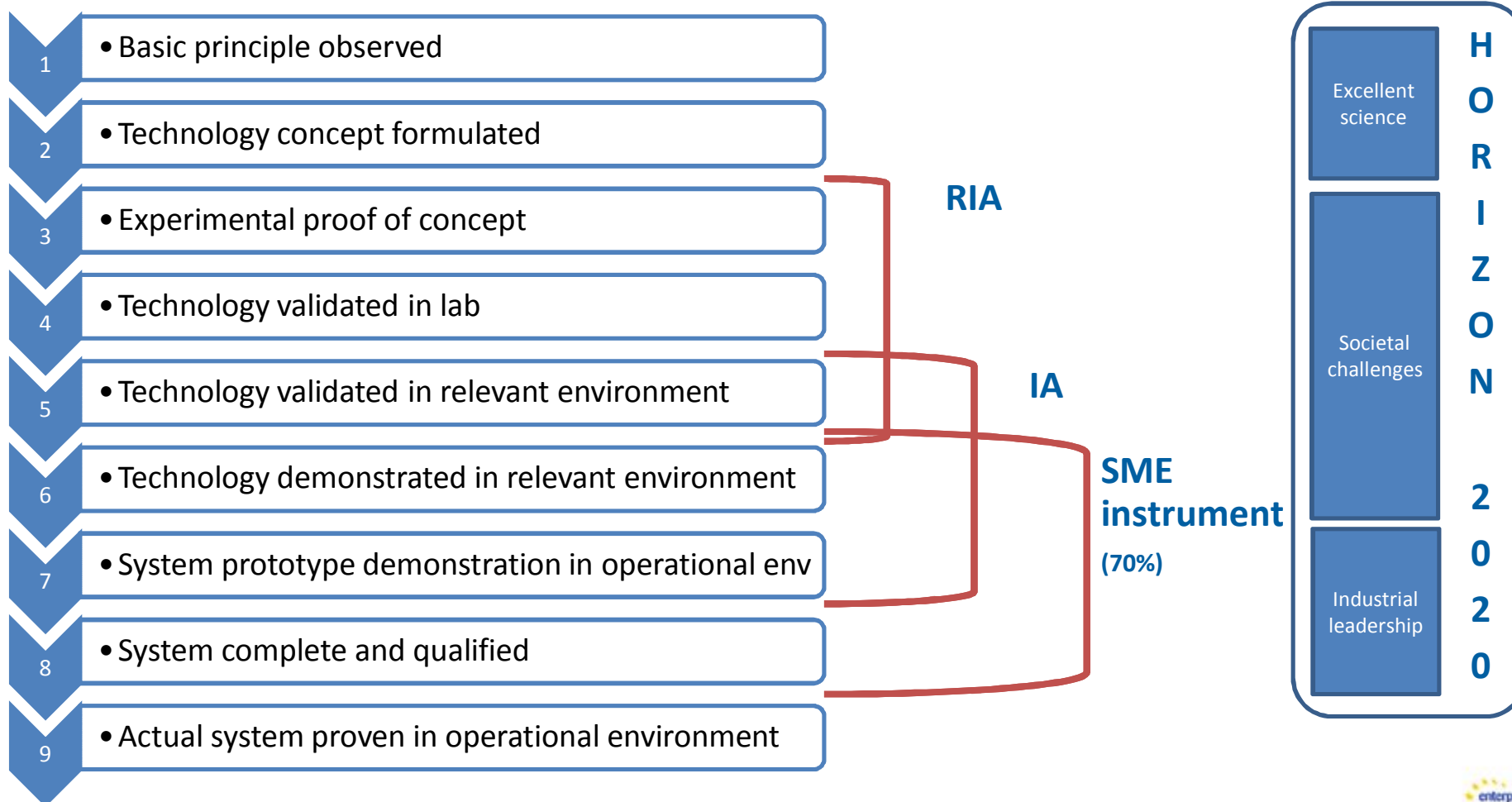
Emerging economies: BRIC+M Brazil, Russia, India, China and Mexico

## *Simplified Funding Model*

- “ **1 reimbursement rate by action** (same rate for all beneficiaries and all activities):
  - “ Up to 100% for Research and Innovation actions
  - “ Up to 70% for innovation (non-profit entities up to 100%) and programme co-fund actions
- “ **1 method for calculation of indirect costs:**
  - “ Flat rate of 25% of total direct costs, excluding subcontracting, costs of third parties and financial support to third parties
  - “ If provided in WP, lump sum or unit costs
- “ Funding of the action not exceed **total eligible costs minus receipts**



# Technology Readiness Level



# Eventi

- “ Giornate Informative Energia **23-24-25 ottobre, Bruxelles**  
<http://europa.eu/!fM38Xg>
  - “ **Day 1** introduces the overall policy background, introduces the overall Energy work programme 2018-2020 and covers Global Leadership for Renewables, Decarbonisation of Fossil Fuels and cross-cutting issues;
  - “ **Day 2** provides guidance on how to apply for funding in the area of Smart Cities & Communities and Energy Systems; and
  - “ **Day 3** covers Smart and Efficient Energy opportunities.
- “ Brokerage Event **24 ottobre, Bruxelles (C-ENERGY 2020-NCP)**  
<https://www.b2match.eu/energycall2018>
- “ Giornata Informativa Nazionale **27 novembre, Roma.**  
<http://www.apre.it/eventi/2017/ii-semester/sc3-giornata-nazionale-energia/>



# Non esitate a contattarmi!

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