Miriam de Angelis
H2020 National Contact Point for ‘Smart green and integrated transport’ & ‘Climate action, environment, resource efficiency and raw materials’
Agenda

1. Horizon 2020 structure
2. Rules for participation
3. Tools for participation
4. Rules for funding
What is Horizon 2020
The new EU Framework Programme for Research and Innovation, 2014-2020

A budget of € 78 billion for 7 years

What's new?

• Coupling research to innovation – from research to deployment

• Focus on the challenges that the EU society is facing, e.g. health, clean energy, transport,…

• Simplified access for participants

• A single programme bringing together three previously separate programmes/activities*

*the 7th Research Framework Programme (FP7), innovation aspects of Competitiveness and Innovation Framework Programme (CIP), EU contribution to the European Institute of Innovation and Technology (EIT)
Strategy for a smart, sustainable and inclusive growth

Flagship initiative supporting Research and Innovation

Framework Programme for R&I (2014-2020)
What is Horizon 2020?

Horizon 2020 is the financial instrument implementing the Innovation Union, a Europe 2020 flagship initiative aimed at securing Europe's global competitiveness.

By coupling research and innovation, H2020 aims:

• to ensure Europe produces world-class science,
• to remove barriers to innovation
• to make it easier for the public and private sectors to work together in delivering innovation.
H2020 ARCHITECTURE
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
  - Information and Communication 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
  - Security society

European Institute of Innovation and Technology (EIT)

Spreading Excellence and Widening Participation

Science with and for society

Joint Research Center (JRC)
1° PILLAR

EXCELLENT SCIENCE
### Excellent Science

- **European Research Council**
  - Frontier research by the best individual teams

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  - Opportunities for training and career development

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### Industrial Technologies

- **Leadership in enabling and industrial technologies**
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### Societal Challenges

- **Health, demographic change and wellbeing**
- **Food security, sustainable agriculture, marine and maritime research & the bioeconomy**
- **Secure, clean and efficient energy**
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- **Climate action, resource efficiency and raw materials**
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- **Security society**

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**European Institute of Innovation and Technology (EIT)**

**Spreading Excellence and Widening Participation**

**Science with and for society**

**Joint Research Center (JRC)**
Excellent Science

Excellent Science’s objective is to reinforce and extend the excellence of the EU science base and to make the EU research and innovation system more competitive on a global scale.

**European Research Council**: enabling individual researchers and their teams to pursue the most promising avenues at the frontier of science;

**Future and Emerging Technologies**: extending Europe’s capacity for advanced and paradigm-changing innovation with radically new, high-risk ideas and accelerating the Union-wide structuring of the corresponding scientific communities;

**Marie Skłodowska-Curie Actions**: ensuring research training as well as career and knowledge-exchange opportunities through cross-border and cross-sector mobility of researchers;

**European research infrastructures (including e-Infrastructures)**: developing European research infrastructure by 2020 and beyond, foster their innovation potential and human capital.
**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 Leadership**
- Leadership in enabling and industrial technologies
  - ICT, nanotechnologies, materials, biotechnology, manufacturing, space
- Access to risk finance
  - Private finance and venture capital for R&I
- Innovation in SMEs
  - Support all kinds of innovation in 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
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European Institute of Innovation and Technology (EIT)
- Spreading Excellence and Widening Participation
- Science with and for society
- Joint Research Center (JRC)
Leadership in Enabling and Industrial Technologies (LEITs)

ICT

Nanotechnologies, Advanced Materials, Biotechnology and Advanced Manufacturing and Processing

Space
3° PILLAR

SOCIETAL CHALLENGES
**Excellent Science**
- European Research Council
- Frontier research by the best individual teams
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  - Collaborative research to open new fields of innovation
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Joint Research Center (JRC)
RULES FOR PARTICIPATION
### Legal entities that may participate in actions (art.6, RfP*)/
Eligibility for funding (art.9, RfP)

**WHO CAN PARTICIPATE?**

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

- Any legal entity established in an EU Member State or Associated Country to H2020 (the latter are listed [here](#))

- Joint Research Centre (JRC)

- Any international organization.

- Any legal entity established in a Third Country

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**WHO CAN BE FUNDED?**

- Any legal entity established in a Member State and Associated Country.

- JRC

- Among Third Countries: Low-income countries (Former ICPC countries)
  The list is available at page 3 of the General Annex

- Any international European interest organization.

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International organizations or legal entities established in a **HIGH INCOME** third country, in a **BRIC** (Brazil, Russia, India, China) country or in **Mexico** DO NOT RECEIVE AUTOMATIC FUNDING. They get funding:

- only if the participation is deemed essential for carrying out the action

- if it is foreseen by the Work Programme

- if funding is provided for under a bilateral scientific and technological agreement

- Joint Calls with third countries or international organizations

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*Horizon 2020 Rules for Participation, downloadable [here](#)
DEFINITIONS (art.2, RfP)

The participation of entities without legal personality is allowed as far as they may, acting in their own name, exercise rights and be subject to obligations.

A legal entity which by its legal form is non-profit-making or which has a legal or statutory obligation not to distribute profits to its shareholders or individual members (Article 2 of the Rules for Participation and Dissemination)

'LEGAL ENTITY'

Any legal person created under the national law of its place of establishment, or under Community law or international law, which has legal personality.

'NON-PROFIT LEGAL ENTITY'

N.A.
Minimum Conditions for participation (art.9, RfP)

3 **LEGAL ENTITIES** independent of each other and established in different Member States or associated countries.

1 **LEGAL ENTITY**

ERC, SME Instrument, Co-fund actions, CSA and Marie S. Curie Actions.

**ADDITIONAL/SPECIAL CONDITIONS** might be identified in the work programme or work plan (n. of participants, type of entities, etc...)

www.apre.it
TOOLS FOR PARTICIPATION
MAIN WEB PORTALS RELATED TO THE H2020:

- **RESEARCH on EUROPA**: political information
  

- **PARTICIPANT PORTAL**: interactions with participants
  

- **CORDIS**: dissemination of FP7 results
  
The Participant Portal is the single entry point for electronic administration of EU-funded research and innovation projects, and hosts the services for managing your proposals and projects throughout their lifecycle.

Home - Research Participant Portal

Research Participant Portal is your entry point for electronic administration of EU-funded research and innovation... Research & Innovation - Participant Portal.

Calls
H2020 Calls - Individual Fellowships - H2020 Call Updates

Opportunities
Calls - Search Topics - H2020 Call Updates - Cosme - Other Calls

Experts
The Participant Portal - Expert Management Service - will be ...

Funding
Organisation Search - Reference Documents - SME Participation

Projects - Research Particip...
Research Participant Portal is your entry point for electronic ...

Projects - Research Particip...
Research Participant Portal is your entry point for electronic ...

Organisation Search
If you want to participate in a project proposal, your ...

Altri risultati in europa.eu »
On this site you can find and secure funding for projects under the following EU programmes:

- **2014-2020** Horizon 2020 - research and innovation framework programme
- **2007-2013** 7th research framework programme (FP7) and Competitiveness & Innovation Programme (CIP)
- Research Fund for Coal & Steel, COSME, 3rd Health Programme, Consumer Programme

**Non-registered users**

- search for funding
- read the H2020 Online Manual & download the legal documents
- check if an organisation is already registered
- contact our support services or check our FAQs

**Registered users**

- submit your proposal
- sign the grant
- manage your project throughout its lifecycle
- register as expert advising the Commission
How to participate

The first steps to prepare your proposal and apply for EU research funding. Learn how to find a suitable Call for proposals or project partners and how to submit your proposal.

The following guidance services facilitate your participation:

- **H2020 Online Manual**: step-by-step online guide through the Portal process, from proposal preparation and submission to reporting on your on-going project.
- search for already registered organisations and their PICs
- **Financial viability self-check tool**: allows you simulating the financial viability check of your organisation.
- **SME participation**: dedicated H2020 guidance page for SMEs

**Step 1 - Find a suitable Call for Proposals**
Work Programmes

- 2014-15
- 2016-17

Main WP

1. Introduction 2016-17
2. Future and Emerging Technologies (FETs) 2016-17
3. Marie Skłodowska-Curie actions (MSCA) 2016-17
4. Research infrastructures (including e-Infrastructures) 2016-17
5. Introduction to Leadership in enabling and industrial technologies (LEITs) 2016-17
5i. Information and communication technologies (ICT) 2016-17
5ii. Nanotechnologies, advanced materials, advanced manufacturing and processing, biotechnology 2016-17
5iii. Space 2016-17
6. Access to risk finance 2016-17
7. Innovation in SMEs 2016-17
8. Health, demographic change and wellbeing 2016-17
9. Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy 2016-17
10. Secure, clean and efficient energy 2016-17
11. Smart, green and integrated transport 2016-17
12. Climate action, environment, resource efficiency and raw materials 2016-17
13. Europe in a changing world - inclusive, innovative and reflective societies 2016-17
14. Secure societies - protecting freedom and security of Europe and its citizens 2016-17
15. Spreading excellence and widening participation 2016-17
16. Science with and for society 2016-17
17. Cross-cutting activities (Focus Areas) 2016-17 (NEW)
18. Fast Track to Innovation Pilot 2016-17
19. Dissemination, Exploitation and Evaluation 2016-17

General Annexes to the Main WP
European Research Council
Euratom

Templates & forms
Proposal templates
Proposal evaluation forms
RULES FOR FUNDING
A Horizon2020 budget differentiates between 4 basic categories of costs:

- direct personnel costs
- subcontracting costs
- other direct costs
- indirect costs
## FUNDING OF THE ACTION (Art. 22, RfP)

### A SINGLE REIMBURSEMENT RATE OF THE ELIGIBLE COSTS

- Up to **100%** of eligible costs for RESEARCH & INNOVATION actions
- Up to **70%** for INNOVATION actions (except for non-profit orgs, which get up to 100%) and CO-FUNDS

<table>
<thead>
<tr>
<th>Maximum reimbursement rates</th>
<th>Research and technological development activities (*)</th>
<th>Demonstration activities</th>
<th>Other activities</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Network of excellence</strong></td>
<td>50%</td>
<td></td>
<td>100%</td>
</tr>
<tr>
<td></td>
<td>75% (**)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Collaborative project(****)</strong></td>
<td>50%</td>
<td>50%</td>
<td>100%</td>
</tr>
<tr>
<td></td>
<td>75% (**)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Coordination and support action</strong></td>
<td></td>
<td></td>
<td>100% (***))</td>
</tr>
</tbody>
</table>

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[www.apre.it](http://www.apre.it)
INDIRECT COSTS (art.29, RfP)

- standard flat rate (20%)
- special flat rate (60%)
- simplified method or actual indirect costs

A FLAT RATE OF 25% OF THE TOTAL DIRECT ELIGIBLE COSTS
(excluding direct eligible costs for subcontracting and the costs of resources made available by third parties which are not used on the premises of the beneficiary, as well as financial support to third parties)