



HORIZON 2020

The New EU Framework Programme for Research and
Innovation (2014-2020)

**Participation of European
Neighbourhood Policy
countries**



Elisabeth Lipiatou
Head of Unit "EU Neighbourhood, Africa
and the Gulf"
DG Research & Innovation

What is Horizon 2020

- **Framework funding programme for all EU research & innovation-related activities (2014-2020)**
- **The total budget in current prices is nearly €80 billion and in constant prices €70,2 billion**
- **A core part of Europe 2020, Innovation Union & European Research Area:**
 - Responding to the economic crisis to invest in future jobs and growth
 - Addressing people's concerns about their livelihoods, safety and environment
 - Strengthening EU's position in research, innovation and technology

Three priorities



Priority 1. Excellent science

Proposed funding (€ million, 2014-2020)

<i>European Research Council (ERC)</i> Frontier research by the best individual teams	13 095
<i>Future and Emerging Technologies</i> Collaborative research to open new fields of innovation	2 696
<i>Marie Skłodowska-Curie actions (MSCA)</i> Opportunities for training and career development	6 162
<i>Research infrastructures (including e-infrastructure)</i> Ensuring access to world-class facilities	2 488

Priority 2. Industrial leadership

Proposed funding (€ million, 2014-2020)

<p><i>Leadership in enabling and industrial technologies (LEITs)</i> (ICT, nanotechnologies, materials, biotechnology, manufacturing, space)</p>	<p>13 557</p>
<p><i>Access to risk finance</i> Leveraging private finance and venture capital for research and innovation</p>	<p>2 842</p>
<p><i>Innovation in SMEs</i> Fostering all forms of innovation in all types of SMEs</p>	<p>616 + complemented by expected 20% of budget of societal challenges + LEITs and 'Access to risk finance' with strong SME focus</p>

Priority 3. Societal challenges

Proposed funding (€ million, 2014-2020)

Health, demographic change and wellbeing	7 472
Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the Bio economy	3 851
Secure, clean and efficient energy *	5 931
Smart, green and integrated transport	6 339
Climate action, environment, resource efficiency and raw materials	3 081
Inclusive, innovative and reflective societies	1 309
Secure societies	1 695
<i>Science with and for society</i>	<i>462</i>
<i>Spreading excellence and widening participation</i>	<i>816</i>

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



The new strategy for international cooperation in research and innovation

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

objectives:

Strengthen the Union's excellence and attractiveness in research and innovation as well as its industrial and economic competitiveness

Tackle global societal challenges

Support the Union's external policies

Dual approach towards international cooperation

Openness:

Horizon 2020 open to participation from across the world
Revision to the list of countries which receive automatic funding

Targeted actions:

1. Thematic: identifying areas for international cooperation on the basis of the Union's policy agenda

2. Differentiation by countries/regions to target partners for cooperation

3. Dedicated cross-cutting actions – in Challenge 6: Inclusive, Innovative and Reflective Societies

Support for to policy dialogue

Networking and twinning activities

Coordination of EU and MS/AC international cooperation policies

Strengthening of European presence in international partner countries

→ *multi-annual roadmaps* for cooperation with key partners

3 country groups:

Enlargement and neighbourhood countries, and EFTA

- Focus on alignment with the ERA
- **Support enlargement and neighbourhood policies**

Industrialised countries and emerging economies

- Focus on competitiveness
- Tackle global challenges
- Business opportunities and access to new markets

Developing countries

- **Support development policy** by building partnerships contributing to sustainable development
- Address relevant challenges (e.g. poverty-related diseases, energy and food security, biodiversity)

 **stronger interaction with EU external policies is key to the new strategy**

Participation of the ENP countries in Horizon 2020

Main objective: To facilitate the integration and alignment of the ENP countries with the European Research Area as contribution to the development of A Common Knowledge and Innovation Space



• **As international partner**

or

• **As associated country**

Participation in Horizon 2020 as international partner country

- As a general rule, the legal entities and individuals established in the ENP countries may participate in all parts of the programme (*exception: access to risk finance*)
- The minimum rules of participation should be observed
 - For standard collaborative actions: At least three legal entities each established in a different Member State or an Associated Country
 - For ERC, SME instrument, programme co-fund, coordination and support, training and mobility actions: One legal entity established in a Member State or in an Associated Country

Additional conditions can be set out in the work programme or work plan, e.g. number of participants, type of participants etc.

Participation in Horizon 2020 as Associated Country

- ENP countries already associated to FP7 are eligible for association without pre-conditions
- EFTA and ENP countries, not previously associated, have to fulfill four criteria
 - Close economic and geographical links with the Union
 - Good capacity in science, technology and innovation
 - Good track record of previous FP participation
 - Fair and equitable treatment of IPR

Thank you for your attention!



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Contact point for more information:
elisabeth.lipiatou@ec.europa.eu