



NIP/Ukraine

**National Information Centre for Ukraine-EU S&T
cooperation**

FP7
INCO
Mobility
Financial &
Legal
NCP/Ukraine

International dimension of FP7

It funds projects with participant organisations from as many as 169 countries.

Outside the group of EU and Associated Countries the biggest participants are the USA, China, Russia, Brazil, South Africa, India, and Ukraine.



Ukraine participation in FP7

Following evaluation and selection:

Total of 166 proposals were retained for funding (19,4%)

- The highest levels of successful participation are in the Marie Curie researcher fellowship actions, environment research and research infrastructures projects
- involving 223 (20,2%) successful applicants from Ukraine
- requesting EUR 15,24m (12,9%) of EC financial contribution.
- involving 1.729 participants from different countries
- Benefiting from a total of EUR 368,84m of EC financial contribution of which EUR 16,67 m (4,52 %) is dedicated to participants from Ukraine.

Among the Third Countries in all FP7 signed grant agreements, Ukraine ranks as 7th in number of participations and 7th in budget share.

Data from 18/10/ 2012 (CORDA)

Ukrainian SMEs participation

- The Ukrainian SME applicant success rate of 15,87% is lower than the Third Countries SME applicant success rate of 18,38%.
- The UA SME EC financial contribution success rate of 9,94% is lower than the corresponding Third Countries rate of 14,70%.
- Specifically, 271 UA SME applicants requesting EUR 29,23m, 43 (15,87%) successful SMEs requesting EUR 2,91m (9,94%),
- In signed grant agreements, 15 UA SME grant holders, i.e., 9,87% of total UA participation
- EUR 2,13m, i.e., 12,77% of total UA budget share.

Top 5 collaborative links between Ukraine and EU MS/AC countries

1. UK - Ukraine (182)
2. IT - Ukraine (180)
3. DE - Ukraine (167)
4. TR - Ukraine (154)
5. FR - Ukraine (152)

Ukraine - participation in the FP7 research projects by organisation activity type

Organisation type	Nr. of applicants	Nr. of mainlisted applicants	Success rate (applicants)
HES	424	79	18,63
REC	361	83	22,99
PRC	147	30	20,41
OTH	106	18	16,98
PUB	56	23	21
Total	1.094	223	20,2

Higher or secondary education (HES)

Private for profit (excluding education) (PRC)

Public body (excluding research and education) (PUB)

Research organisations (REC)

Other (OTH)

Horizon 2020

*The EU Framework Programme for Research and Innovation
2014-2020*



HORIZON 2020

Research and
Innovation

What is Horizon 2020

- **Commission proposal for a 80 billion euro research and innovation funding programme (2014-2020)**
- **A core part of Europe 2020, Innovation Union & European Research Area**
- **A single programme** bringing together three separate programmes/initiatives*
- **Coupling research to innovation** – from research to retail, all forms of innovation
- **Focus on societal challenges** facing EU society, e.g. health, clean energy and transport
- **Simplified access**, for all companies, universities, institutes in all EU countries and beyond.

*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)

Horizon 2020: 2014-2020

Societal Challenges:

- Health demographic change and well-being
- Food security, sustainable agriculture, marine and maritime research and the bio-based economy
- Secure, clean and efficient energy
- Smart, green and integrated transport
- Climate action, resource efficiency and raw materials
- Inclusive, innovative and secure societies

Industrial Leadership:

- Leadership in enabling and industrial technologies
 - Information and Communication Technologies (ICT)
 - Nano-technology
 - Advanced materials
 - Biotechnology
 - Advanced manufacturing systems
 - Space
- Access to risk finance
- Innovation in Small and Medium-Sized Enterprises

Excellent Science:

- European Research Council
- Future & Emerging Technologies (FET)
- Marie Curie Actions
- Research Infrastructures

European Institute of Innovation and Technology (EIT)

Non-nuclear direct actions of the Joint Research Institute

Priority 1. Excellent science

Why:

- World class science is the foundation of tomorrow's technologies, jobs and wellbeing
- Europe needs to develop, attract and retain research talent
- Researchers need access to the best infrastructures

Proposed funding (million euro, 2014-2020)

<i>European Research Council</i> Frontier research by the best individual teams	13 268
<i>Future and Emerging Technologies</i> Collaborative research to open new fields of innovation	3 100
<i>Marie Curie actions</i> Opportunities for training and career development	5 572
<i>Research infrastructures (including e-infrastructure)</i> Ensuring access to world-class facilities	2 478

Priority 2. Industrial leadership

Why:

- Strategic investments in key technologies (e.g. advanced manufacturing, microelectronics) underpin innovation across existing and emerging sectors
- Europe needs to attract more private investment in research and innovation
- Europe needs more innovative SMEs to create growth and jobs

Proposed funding (million euro, 2014-20)

<i>Leadership in enabling and industrial technologies</i> (ICT, nanotechnologies, materials, biotechnology, manufacturing, space)	<i>13 781</i>
<i>Access to risk finance</i> Leveraging private finance and venture capital for research and innovation	<i>3 538</i>
<i>Innovation in SMEs</i> Fostering all forms of innovation in all types of SMEs	<i>619 complemented by 6 829 (expected 15% of societal challenges + LEIT) and 'Access to risk finance' with strong SME focus</i>

Priority 3. Societal challenges

Why:

- Concerns of citizens and society/EU policy objectives (climate, environment, energy, transport etc) cannot be achieved without innovation
- Breakthrough solutions come from multidisciplinary collaborations, including social sciences & humanities
- Promising solutions need to be tested, demonstrated and scaled up

Proposed funding (million euro, 2014-2020)

<i>Health, demographic change and wellbeing</i>	<i>8 033</i>
<i>Food security, sustainable agriculture, marine and maritime research & the bioeconomy</i>	<i>4 152</i>
<i>Secure, clean and efficient energy*</i>	<i>5 782</i>
<i>Smart, green and integrated transport</i>	<i>6 802</i>
<i>Climate action, resource efficiency and raw materials</i>	<i>3 160</i>
<i>Inclusive, innovative and secure societies</i>	<i>3 819</i>

**Additional €1 788m for nuclear safety and security from the Euratom Treaty activities (2014-2018). Does not include ITER.*

International cooperation. Dual approach

➤ Openness:

- Every country can participate in Horizon 2020
- Revision to the list of countries which receive automatic funding
- Horizon 2020 shall be open to the association of: candidate countries and potential candidates and selected third countries that fulfil the relevant criteria (capacity, track record, close economic and geographical links to the Union, etc.).

➤ Targeted actions:

1. Thematic: identifying areas for international cooperation on the basis of the Union's policy agenda
2. Geographic differentiation (countries/regions) to target partners for cooperation

➔ **End result:** *multi-annual roadmaps* for cooperation with key partners

International cooperation. Strategic Approach

Developing multi-annual roadmaps for cooperation with key partner countries and regions.

- In countries covered by the European Neighbourhood policy:
The focus will be on fostering integration into – or alignment with the European Research Area, including through their possible association to Horizon 2020.
- For the Neighbourhood, this will contribute to developing a 'Common Knowledge and Innovation Space', including improving the research and innovation competences of these countries.

International Cooperation: actions

- Projects in societal challenges and industrial leadership
 - Targeting of topics to specific countries or regions based on common interest
 - Joint calls and co-funding of programmes with international partner countries (third countries) or international organisations
- Excellent science
 - Marie Curie Fellowships - including actions to stimulate innovation by cross-border fertilisation of knowledge
 - Development of global research infrastructures - Carnegie Group, UN, OECD
 - ERC Grants open to researchers from all over the world - research to be carried out mostly in EU Member States or Associated Countries
- Dedicated horizontal actions – Inclusive, Innovative and Secure Societies challenge
 - Support for bilateral, multilateral and bi-regional policy dialogue
 - Networking and twinning activities - to facilitate partnering and competence building
 - Coordination of EU and MS/AC international cooperation policies
 - Strengthening of European presence in international partner countries

Next steps

Mid 2013: Adoption of legislative acts by Parliament and Council on Horizon 2020

1/1/2014: Horizon 2020 starts, launch of first calls

More information:

- www.ec.europa.eu/research/horizon2020



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Thanks for your attention