



Rețeaua de Transfer Tehnologic a Moldovei

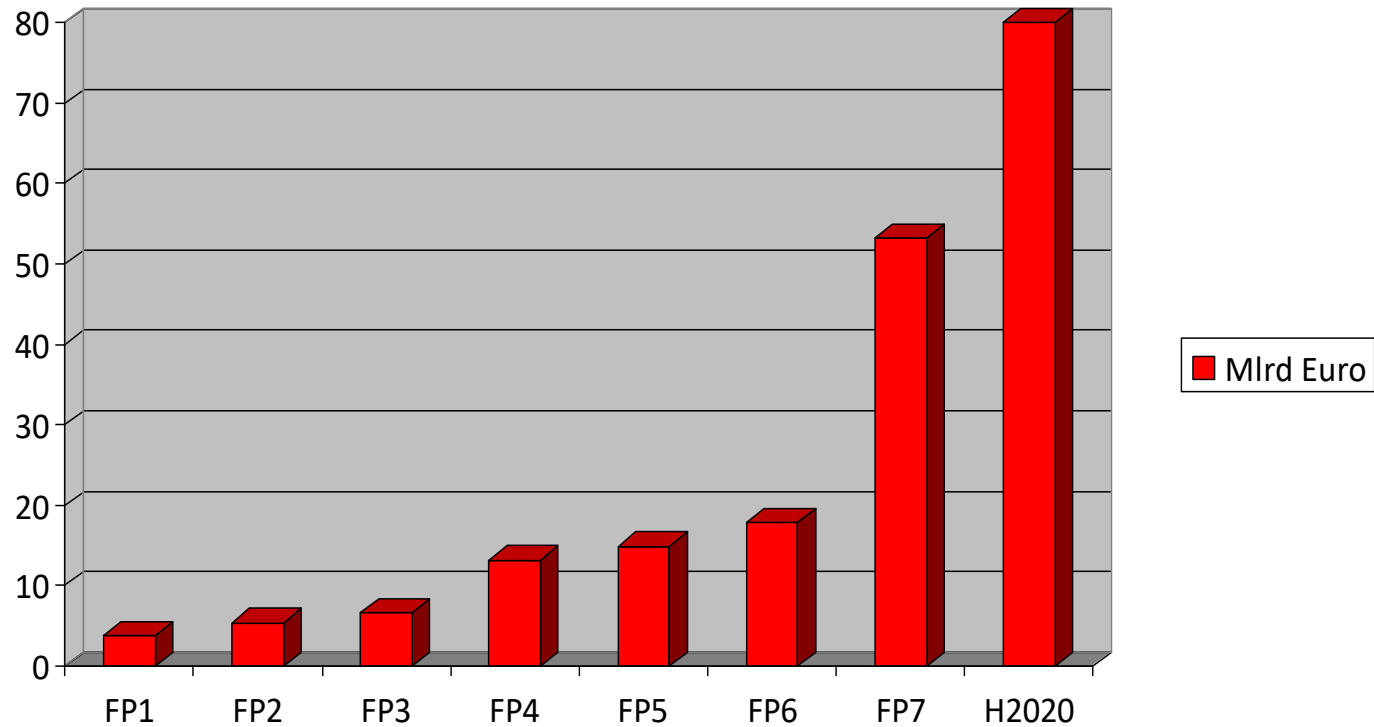


Horizon 2020 - New perspectives for SMEs



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The Budgets of the Frame Work Programms



Association to the EU Framework Programmes for Research and Innovation

- **October 11, 2011:** Máire Geoghegan-Quinn, European Commissioner for Research, Innovation and Science and Gheorghe Duca, President of the Academy of Sciences of the Republic of Moldova, signed the Memorandum of Understanding for the association of Moldova to the **EU's Seventh Research Framework Programme (2007-2013)**.
- **July 1st, 2014:** five Western Balkan countries (Albania, Bosnia and Herzegovina, the former Yugoslav Republic of Macedonia, Montenegro and Serbia) and the Republic of Moldova secured full access to the European Union's new seven year research and innovation programme, **Horizon 2020: (2014-2020)**.



What is Horizon 2020?

<https://www.youtube.com/watch?v=cympbCJSDtw>

- **Commission Proposal for a 80 Billion Euro Funding research and innovation programs (2014-2020)**
- **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 the EU's global position** in research, innovation and technology

What is new?

- **A single programs Bringing together three separate programs /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)

Three Priorities:

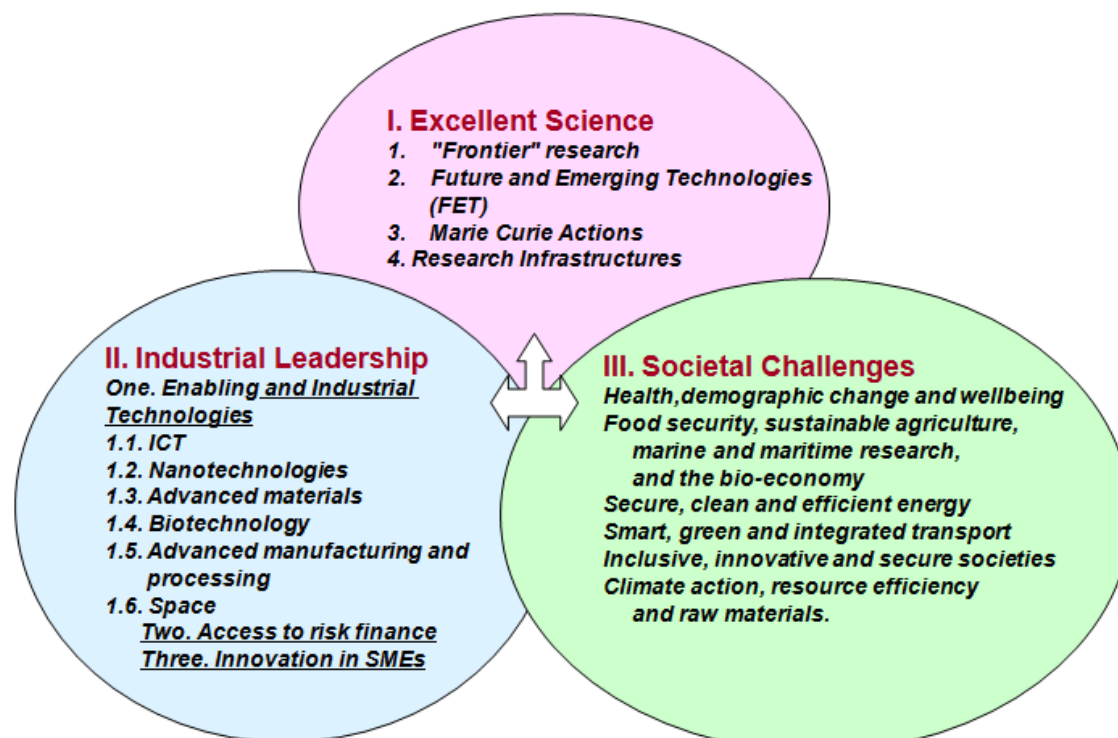
I. Excellent Science

II. Industrial Leadership

III. Tackling Societal Challenges

Priorities proposed in HORIZON-2020 (2014-2020)

Joint Objectives and Principles



Horizon 2020 - New perspectives for SMEs

SME INSTRUMENT OF HORIZON 2020 PROGRAMME



Moldovan Technology Transfer Network



SME Instrument

- SME Instrument is total new funding scheme which support the innovation activities of SMEs, covering an entire innovation cycle of a product for those companies that have ambition to grow, develop and compete internationally.
- It targets those companies which intend to develop a business based on an idea or concept which can be competitive at European or international level, and based on a solid business plan whereby that concept, the initial idea takes shape, it matures progresses and develops over time.
- SMEs will be able to participate in Horizon 2020 through this new tool dedicated in all thematic priorities Pillar 2 - *Industrial leadership* and Pillar 3 - *Societal Challenges*.

The purpose of the new instrument for SMEs

- Cover lack of financing for SMEs in the start for research and innovation, particularly those at high risk, and boost innovation and competitiveness internationally peak;
- To address all types of innovative SMEs which have good prospects growth, development and internationalization;
- To provide support for all the innovation including non-technological innovation, social innovation or services wherever the activity has clear value and insert it at European level.

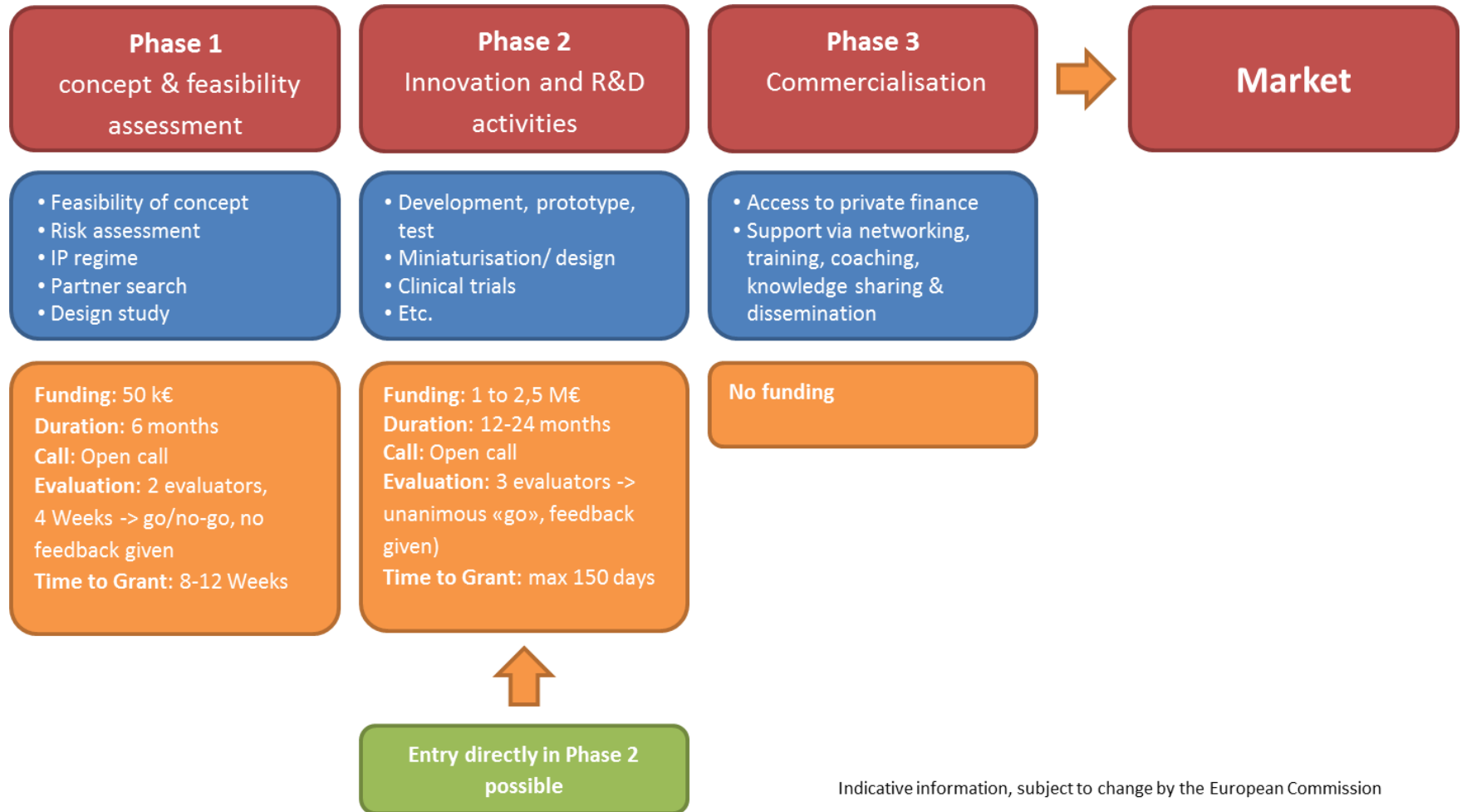
Operating mode

The Instrument will simplify access to the program by:

- Rules and simpler procedures;
- Support for the duration of the three phases which will form an entire innovation cycle:
 - Phase of concept and feasibility assessment
 - Phase of innovation
 - Commercialization Phase



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Indicative information, subject to change by the European Commission

SME participation in Horizon 2020

- ✓ **Reimbursement rates for participants from industry and SMEs - identical to others' categories of participants:**
 - Up to 100% of eligible costs of RDI activities (like universities and research institutes);
 - 25% of overheads;
 - But no more than 70% of direct costs for ("close-to-market") activities or those who are focused on co-financing (innovation activities).

- ✓ **SMEs will benefit from at least 20% of the joint pillars II and III.**



Open calls in 2016-2017



CALL: HORIZON 2020 DEDICATED SME INSTRUMENT 2016-2017

Topics of open call

| | |
|----------------------|--|
| SMEInst-01-2016-2017 | Open Disruptive Innovation Scheme |
| SMEInst-02-2016-2017 | Accelerating the uptake of nanotechnologies advanced materials or advanced manufacturing and processing technologies by SMEs |
| SMEInst-03-2016-2017 | Dedicated support to biotechnology SMEs closing the gap from lab to market |
| SMEInst-04-2016-2017 | Engaging SMEs in space research and development |
| SMEInst-05-2016-2017 | Supporting innovative SMEs in the healthcare biotechnology sector |
| SMEInst-06-2016-2017 | Accelerating market introduction of ICT solutions for Health, Well-Being and Ageing Well |
| SMEInst-07-2016-2017 | Stimulating the innovation potential of SMEs for sustainable and competitive agriculture, forestry, agri-food and bio-based sectors |
| SMEInst-08-2016-2017 | Supporting SMEs efforts for the development - deployment and market replication of innovative solutions for blue growth |
| SMEInst-09-2016-2017 | Stimulating the innovation potential of SMEs for a low carbon and efficient energy system |
| SMEInst-10-2016-2017 | Small business innovation research for Transport and Smart Cities Mobility |
| SMEInst-11-2016-2017 | Boosting the potential of small businesses in the areas of climate action, environment, resource efficiency and raw materials |
| SMEInst-12-2016-2017 | New business models for inclusive, innovative and reflective societies |
| SMEInst-13-2016-2017 | Engaging SMEs in security research and development |

Identify a call

<https://ec.europa.eu/research/participants/portal/desktop/en/opportunities/index.html>

European Commission Participant Portal

European Commission > Research & Innovation > Participant Portal > Calls

HOME FUNDING OPPORTUNITIES HOW TO PARTICIPATE EXPERTS SUPPORT Search PP LOGIN REGISTER

EU Programmes 2014-2020

Search Topics

Updates

Calls

H2020

3rd Health Programme

Asylum, Migration and Integration Fund

Consumer Programme

COSME

Internal Security Fund - Borders

Internal Security Fund - Police

Justice Programme

Promotion of Agricultural Products

Research Fund for Coal & Steel

Rights, Equality and Citizenship Programme

Calls for Proposals

Horizon 2020

Advanced search for topics
Calls for tenders on TED

- Advanced manufacturing and processing
- Space
- Access to risk finance
- Innovation in SMEs**
- Societal Challenges
 - Health, demographic change and wellbeing
 - Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy
 - Secure, clean and efficient energy

Status Calls with forthcoming topics Calls with open topics Calls with only closed topics

Sort by Call title Call identifier Publication date

Filter a call **FILTER**

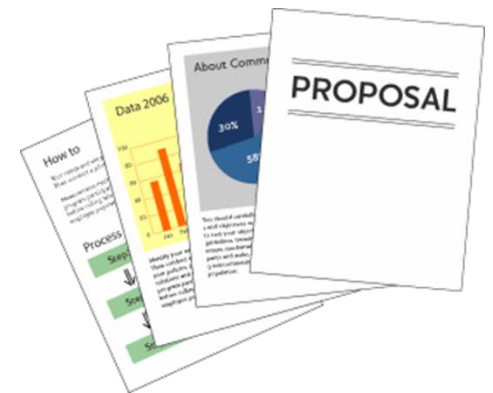
Industrial Leadership
Horizon 2020 dedicated SME Instrument 2016-2017
H2020-SMEInst-2016-2017
Publication date:14 October 2015

Industrial Leadership
For a better innovation support to SMEs
H2020-INNOSUP-2016-2017
Publication date:14 October 2015

In addition to the search facilities, the full list of H2020 Calls can be found [here](#).

Steps in preparing application and submitting proposal

- Contact the SME National Contact Points for H2020, that are entitled to provide SMEs free-of-charge info and guidance on H2020.
- Access Online SME Instrument call-information page <http://ec.europa.eu/easme/en/horizons-2020-sme-instrument>
- Use specific templates for SME Instrument applications (phase 1 and phase 2). Find them with each of the SME Instrument call topics.
- There is no specific template for applications to Phase 3.
- Only SMEs already participating in previous phases might benefit from Phase 3.
- Submit your application for Phase 1 or Phase 2 at any time.
- The SME Instrument call is permanently open with more cut-off dates per year.



Evaluation of your proposal

➤ Information on the **outcome of the evaluation**:

- 2 months after the corresponding cut - off date set out above for phase 1 and
- 4 months after the corresponding cut - off date set out above for phase 2.

YES



➤ Indicative date for the **signing of grant agreement**:

NO



- 1
 - 1 month from the date of informing applicants in phase and
 - 2 months from the date of informing applicants in phase 2

Lessons learnt

<http://ec.europa.eu/easme/en/sme-instrument-beneficiaries>

- Not convincing when describing the company (you have to explain why your company will succeed and not your competitor);
- Not providing enough information on competing solutions;
- Having a too low level of innovation, planning to develop a product that already exists on the market;
- Proposing just an idea without any concept for its commercialization;
- Just trying their luck (the SME Instrument is not a lottery!).

Useful links:

Participant Portal: <http://ec.europa.eu/research/participants/portal/desktop/en/home.html>

Basic features of SME instrument: http://ec.europa.eu/research/sme-techweb/pdf/sme_brochure.pdf

Proposal templates (phase 1 and phase 2):

http://ec.europa.eu/research/participants/data/ref/h2020/call_ptef/pt/h2020-call-pt-sme-1_en.pdf ; http://ec.europa.eu/research/participants/data/ref/h2020/call_ptef/pt/h2020-call-pt-sme-2_en.pdf

Relevant events: <http://ec.europa.eu/programmes/horizon2020/en/newsroom/573/>

http://ec.europa.eu/research/sme-techweb/index_en.cfm?pg=horizon2020-workshop

<http://ec.europa.eu/easme/en/horizons-2020-sme-instrument>

Why participate?

- To compete among the best European companies: "Champions League" with only very few winners, quality label based on a rigorous assessment
- Visibility at European level
- Possibility to receive business / management coaching
- Possibility of networking with investors and customer networks

Chances will have only those which:

- have a theme which fits perfectly in the description and which is inline with (economic, social) interests of EU.
- who have experienced, active partners which trust in EU
- with a scientific results on a proven project
- have experience in international cooperation
- owning modern means of communication and know ENGLISH
- not quit no matter how difficult would be and no matter how many Failures will have.

Horizon 2020 - New perspectives for SMEs

**Opportunities are like sunrises.
If you wait too long, you miss them.**

William Arthur Ward

 **BrainyQuote®**



Moldovan Technology Transfer Network

H2020 NCPs for SMEs in Moldova

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Thank you for your attention!