



Horizon2020 "The SME Instrument"

"Fast Track to Innovation"

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Horizon2020 – some key facts

- Nearly €80 billion over seven years 2014-2020
- Covers in a streamlined way all research and innovation funding
- **€1.25 billion** is the Irish Target for H2020 (FP7- €600M, FP6 €200M)
- Strong focus on societal challenges and innovation
- Reaching out to non-traditional actors
- More risk taking
- Strengthened support for high-tech SMEs
- More open, light & fast schemes



3 Pillar Structure

Excellent Science

European Research Council (ERC)

Future & Emerging Technologies (FET)

Marie Sklodowska Curie Actions

Research Infrastructures (RI)

Industrial Leadership

Leadership in Enabling and Industrial Technologies (LEIT) – ICT, KETs & Space

> Access to Risk Finance

Innovation in SMEs

Societal Challenges

Health and Wellbeing

Food Security, Sustainable Agriculture, Forestry, Marine, Maritime, Inland Water and Bio-economy

Secure, Clean & Efficient Energy

Smart, Green and Integrated Transport

Climate action, Environment, Resource efficiency and raw materials

Inclusive, Innovative and Reflective Societies

Secure Societies

Spreading Excellence and Widening Participation, Social Sciences and Humanities (SSH) and ICT

European Institute of Innovation and Technology (EIT)

Joint Research Centre (JRC)

EURATOM





The SME Instrument





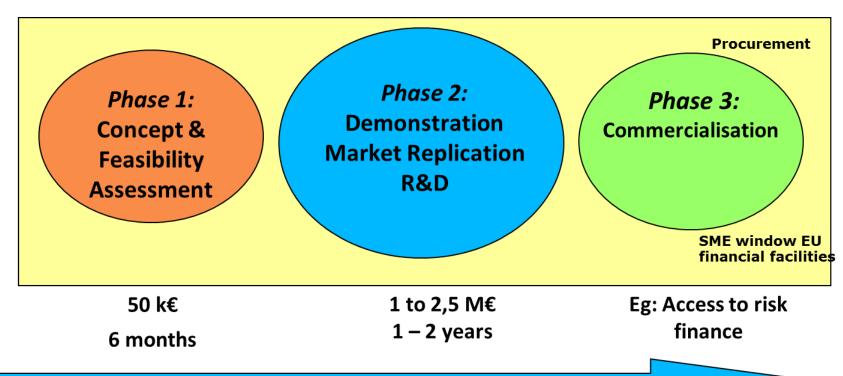
SME Instrument - Main Features

- Targeted at all types of innovative SMEs showing a strong ambition to develop, grow and internationalise
- Only SMEs will be allowed to apply for funding and support
- Single company support possible
- No obligation for applicants to sequentially cover all three phases; each phase open to all SMEs
- 70% funding (exceptions possible)





SME Instrument



IDEA

business coaching throughout the project

MARKET





Phase 1: Concept and feasibility assessment

Input: Idea/Concept:
"Business Plan 1"
(~ 10 pages)

Activities:

Feasibility of concept
Risk assessment
IP regime
Partner search
Design study
Pilot application
etc.

Output: elaborated "Business plan 2"

Lump sum: 50.000 €

~ 6 months

Phase 2: R&D, demonstration, market replication

Input: "Business plan 2" plus description of activities under Phase 2 (~ 30 pages)

Activities:
Development,
prototyping, testing,
piloting,
miniaturisation,
scaling-up, market
replication,
research

Output: "investorready Business plan 3"

Typically 1-2,5 M€ EC funding (up to 5M€ if justified)

~ 12 to 24 months

Phase 3: Commercialisation

Promote instrument as quality label for successful projects

Facilitate access to private finance

Support via networking, training, information, addressing i.a. IP management, knowledge sharing, dissemination

SME window in the EU financial facilities (debt facility and equity facility)

Possible connection to PPC (and PPI?)

No direct funding





Phase 1 2014	Cut-off 18/06/2014	Cut-off 24/09/2014	Cut-off 17/12/2014	Total in 2014
Proposals	2662	1947	2363	6972
Above threshold	317 (12%)	237 (12%)	320 (13,5%)	874 (12,5%)
Funded	155 (49%)	178 (75%)	259 (81%)	592 (68%)
Budget allocated	€7.750.000	€8.900.000	€12.950.000	€29.600.000
Single companies rate for funded proposals	95%	91%	90%	92%



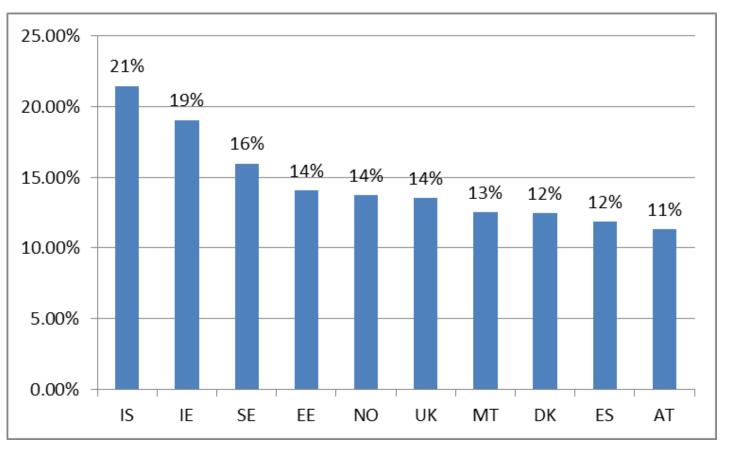


Phase 2 2014	Cut-off 09/10/2014	Cut-off 17/12/2014	Total in 2014
Proposals	580	629	1209
Above threshold	132 (23%)	180 (29%)	312 (26%)
Funded	60 (45%)	74 (41%)	134 (43%)
Budget allocated	€ 111.328.800 (1,85 M€ per project)	€ 117.615.077 (1,59 M€ per project)	€ 228.943.877 (1,71 M€ per project)
Single companies rate for funded proposals	82%	80%	81%





Top-10 country success rates 2014 (all beneficiaries and all phases combined)



https://ec.europa.eu/easme/en/sme-instrument-beneficiaries





Fast Track to Innovation





Fast Track to Innovation

- The FTI pilot is the only fully-bottom-up measure in Horizon 2020 promoting close-to-themarket innovation activities that is open to all types of participants
- Follows bottom-up logic (within SC and LEITs)
- One common call, permanently open, 3 cut-offs per year
- Time-to-grant 6 months
- Funds innovation actions (70%), grant up to €3M
- Allows consortia of 3 to 5 members mandatory industry involvement
- Impact criterion has higher weighting in evaluations
- Budget: €200M for 2015/2016 (100 + 100) ca. 100 projects with EU contribution of ~ €2M
- Future of pilot (beyond 2016) only decided after full evaluation





Fast Track to Innovation

Mandatory industry involvement can consist of:-

- ... either at least 60% of the overall budget of the proposal must be allocated to consortium partner(s) from industry
- ... or the minimum number of industry participants must be 2 in a consortium of 3 or 4 partners, and 3 in a consortium of 5 partners.

Proposals shall include a business plan (market development strategy)

SMEs and first-time industry applicants particularly welcome

2015 deadlines: 29/4, 1/9, 1/12

2016 deadlines: 3 deadlines t.b.c.





Upcoming event

H2020 Information Day on the Industrial Leadership Pillar

28th July, Western Gateway Building, UCC

Open event

Sub programmes covered:

- Information and Communication Technologies
- Nanotechnology, Advanced Materials, Advanced Manufacturing, Biotechnology
- •SME Instrument
- Fast Track to Innovation

https://www.eventbrite.ie/e/h2020-leit-information-day-tickets-17029045333





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