



#InvestEUresearch



Horizon 2020 Work Programme for Research & Innovation 2018-2020

The societal challenge
'Health, demographic change
and well-being'

Opportunities for SMEs

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Research and
Innovation



Health Research in Horizon 2020



EU definition of Small and Medium-sized Enterprise (SME)¹

Any autonomous entity engaged in an economic activity, irrespective of its legal form, with the following characteristics:

- < 250 employees
- ≤ €50 million annual turnover, *and/or*
- ≤ €43 million annual balance sheet

1. COMMISSION RECOMMENDATION of 6 May 2003 concerning the definition of micro, small and medium-sized enterprises (2003/361/EC)

European Innovation Council: pilot 2018-2020

€ 2.7 billion to support +5,000 SMEs and innovators

ECOSYSTEM SUPPORT: **COACHING, MENTORING** for all SME beneficiaries

Early stage science
& tech
*Emerging tech,
Visionary ideas*

Test and co-create
*Demonstrate,
validate*

Feasibility /
Startup

Development

FET-OPEN
Future
Emerging
Technologies

FTI
Fast Track to
Innovation

**SME
Instrument**
Phase 1

**SME
Instrument**
Phase 2

MARKET CREATING

6 EIC HORIZON **PRIZES**:

1. Innovative Batteries for eVehicles
2. Fuel from the Sun: Artificial Photosynthesis
3. **Early Warning for Epidemics**
4. Blockchains for Social Good
5. Low-Cost Space Launch
6. **Affordable-HighTech for Humanitarian Aid**

SME Instrument Phase 2 - evaluation

Submission of proposals



Remote Evaluation

Ranking of Proposals

Interview



Invitation to GAP

- Fully bottom-up approach with the removal of topics as defined in the previous Work Programmes
- Revised weighting of the award criteria - 50% for Impact, 25% for Excellence and 25 % Quality of implementation.
- Revised threshold – 13/15 for the overall final score and 4/5 at criteria level
- Starting with the highest-scoring proposal and in descending order, proposals are passed to the Interview stage until, either the total amount of EU funding requested is as close as possible to twice the budget available, or all proposals eligible for funding have been accounted for
- Face-to-Face Interview in Brussels
- Interview process composed of two steps – Jury interview and Panel Review
- Proposals above all thresholds in remote evaluation and receiving an A mark in the interview will be invited to GAP

SME Instrument Phase 2 – interviews



- All interviews take place in Brussels



- All interviews take place during one week per cut-off dates
- Interview weeks: 12-16 Feb; 16-20 Apr; 25-29 Jun; 12-16 Nov
- Applicants are requested to ensure availability during that week when applying



- A maximum of three company representatives per proposal
- Representation by third parties is forbidden (i.e. no consultants)
- Presence of senior company officers is recommended



- Applicants must prepare a pitch deck and send it in advance

European Innovation Council pilot

Instrument →	SME-Instrument		FTI	FET-Open	EIC Horizon prizes
	Phase 1	Phase 2			
For whom	One or more eligible ¹ SMEs		From 3 to 5 eligible ¹ entities (mostly industrial ²)	At least 3 entities ³	One or more entities (with restrictions ¹ for some of the prizes)
Maximum funding⁴	50,000 €	2.5 M€	3 M€	3 M€ (RIAs) 0.5 M€ (CSAs)	Varies for each prize
Total budget 2018-20	164 M€	1,425 M€	300 M€	647 M€ (RIAs) 10 M€ (CSAs)	40 M€
Focus	Exploring the feasibility of a business idea (~ 6 months)	Breakthrough innovation & international growth (12-24 months)	Close-to-market innovation	Radically new technologies	6 different topics (major societal issues)

(1) Applicants must be established in an EU Member State or in a country associated to Horizon 2020

(2) This industry involvement implies: (a) either the allocation of at least 60% of the budget to industry participants in the consortium, or (b) the presence of a minimum number of two industry participants in a consortium of three or four partners, or of three industry participants in a consortium of five partners

(3) A FET-Open consortium must always include at least 3 participants from 3 different EU Member States or Associated Countries. In addition to these three partners, any legal entity from anywhere in the world can also be included in the consortium.

(4) Per project – with possible exceptions



1.148 billion

Eurostars total public budget 2014-2020



75%

+

25%



EUROSTARS
COUNTRIES
CONTRIBUTION



EU
CONTRIBUTION



Project leader is an **R&D-performing SME** from a Eurostars country



At least 2 Participants

- Autonomous entities
- Legal entities from **at least 2 Eurostars countries**



SMEs are in the driving seat

International balance



Project duration is max. **3 years**

Market introduction within **2 years**

InnovFin - EU Finance for Innovators

SMEs	Midcaps	Large Caps	Thematic Finance
InnovFin SME Guarantee	InnovFin MidCap Guarantee	InnovFin Large Projects	InnovFin Energy Demo Projects
InnovFin SME Venture Capital	InnovFin MidCap Growth Finance		InnovFin Infectious Diseases
SMEs and small Mid-Caps < 500 Employees	Mid-Caps < 3,000 Employees	Large Caps Typically > 3,000 Employees	SPV, Mid-Caps and Large Caps
Intermediated SME/Mid-Cap Financing	Intermediated and/or direct Corporate lending	Direct Corporate Lending	Project Finance and/or Direct Corporate Lending

direct products

indirect products

Financial Instrument for Infectious Diseases R&D



- Jointly developed by EC and EIB
- Provides **loans** between **EUR 7.5m and EUR 75m**
- No calls: demand-driven
- Must be in pre-commercial phase with proof-of-concept and **pre-clinical research phases completed** and clinical validation required for further development.
- Must have **proven public health impact** and potentially have market prospects.
- Should provide for the intellectual property created in the course of the project to remain in the EU

More information and support is available for:

- Call text, guide for applicants, FAQ: **Participant portal**

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

- Horizon 2020 **Work Programmes**

<https://ec.europa.eu/programmes/horizon2020/en/what-work-programme>

- Practical information & local assistance: **National Contact Points**

http://ec.europa.eu/research/participants/portal/desktop/en/support/national_contact_points.html

- IP questions and advice: **IPR helpdesk**

<https://www.iprhelpdesk.eu/>

- **Eurostars**

<https://www.eurostars-eureka.eu/>

- **InnovFin** Infectious Diseases Finance Facility: EIB

<http://www.eib.org/products/blending/innovfin/products/infectious-diseases.htm>

- Loan guarantee, equity: **financial support** available **in your country**

<http://europa.eu/youreurope/business/funding-grants/access-to-finance/>

International partnership, business innovation: **Enterprise Europe Network**

<http://een.ec.europa.eu/>

Any questions?

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<http://ec.europa.eu/research/health>

<http://ec.europa.eu/research/participants/portal>