

Horizon 2020 SME's dedicated actions 2015-2016

Part I

Teresa Caltabiano

Catania, 17-18.12.2015



Agenda

- The new strategic EU framework for growth and development in the period 2014-2020
- Europe 2020
- Innovation Union
- The growth and internalization of SMEs through their participation to EU programmes
- Horizon 2020 Programme: focus on the “SME Instrument” and the “Research and Innovation actions”
- Workshop: how to write a successful proposal in the Horizon 2020 Programme

Europe 2020 strategy

Objectives:

- to move beyond the crisis and create the conditions for a more competitive economy with higher employment
- To deliver smart, sustainable and inclusive growth

The strategy is focused on five ambitious goals

The policy actions are coordinated between the EU and Member States

Europe 2020 five targets

1. Employment

75% of the 20-64 year-olds to be employed

2. Research and development

3% of the EU's GDP to be invested in R&D

3. Climate change and energy sustainability

green house gas emissions 20% lower than 1990

20% of energy from renewables and 20% increase in energy efficiency

4. Education

reducing the rates of early school leaving below 10%

5. Fighting poverty and social exclusion

at least 20 million fewer people at risk of poverty/social exclusion

Flagship initiatives

New engines to boost growth and jobs

Smart growth

Digital agenda for Europe

Innovation Union

Youth on the move

Sustainable growth

Resource efficient Europe

An industrial policy for the globalization era

Inclusive growth

An agenda for new skills and jobs

European platform against poverty

Innovation Union

It is the key to creating more jobs, building a greener society and improving our quality of life and maintaining European competitiveness in the global market

It contains over thirty actions points, with the aim to :

- Make Europe a world class science performer
- Remove obstacles to innovation which currently prevent ideas getting quickly to market
- Revolutionise the way public and private sectors work together, notably through Innovation partnerships

SME's growth and internazionaliation

Support to SMEs and entrepreneurs

The European Commission sponsors several initiatives to provide support and information to SMEs seeking to boost their business:

- The Enterprise Europe Network
- Your Europe Business
- The European Small Business Portal
- The SME Internationalization portal
- The Euraxess Portal

The Enterprise Europe Network

It comprises about 600 partner organisations in more than 50 countries which provide support on access to market information, overcoming legal obstacles and identifying potential business partners across Europe

It aims to:

- help SMEs find international business, technology, and research partners in the EU, COSME participating countries, and other non-EU countries
- help SMEs become active in the Single Market and beyond
- increase SME competitiveness through internationalisation and innovation support services
- involve SMEs in the policy-making process by transmitting feedback to the European Commission

Find your local contact point

MORE

The Network helps small and medium-sized enterprises (SMEs) make the most of business opportunities in the EU and beyond. Have a look at the many services offered free of charge by our 600 member organisations, including chambers of commerce and industry, technology centres, universities and development agencies.

Search EU country



Search non-EU country



Partnering opportunities



2014-12-16, Japan

Japanese university offering gut clamper to medical equipment manufacturers in Germany and France

A Japanese university is offering a licensing opportunity for a surgical gut clamp to German and French manufacturers of medical equipment. The gut clamper is already in clinical use in Japan and confirmed its effectiveness in preventing re [...]

2015-12-16, Germany

Enabling of sandwich-injection moulding by upgrading of single or multicomponent injection moulding machines

A small German engineering company has developed modules to retrofit a broad range of injection moulding machines to enable sandwich-injection moulding processes. The SME is searching for industrial partners and research institutions for [...]

2014-07-03, Romania

A Romanian company specialized in manufacturing communication equipments and electronic subassemblies offers itself as

Your Europe business

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VAT & customs

- [VAT-Basic rules](#)
- [Cross-border VAT](#)
- [Check a VAT number \(VIES\)](#)
- [VAT refunds](#)
- [Excise duties](#)
- [Reporting imports/exports](#)

Selling abroad

- [Providing services abroad](#)
- [Distance selling](#)
- [Competition rules](#)
- [Late payment](#)
- [Importing / exporting goods](#)
- [Unfair contract terms](#)
- [Consumer guarantees](#)
- [Defective products](#)
- [Resolving disputes](#)

Staff

- [Terms of employment](#)
- [Social security](#)
- [Posting abroad](#)
- [Equal treatment](#)
- [Redundancies](#)
- [Health & safety](#)

Product requirements

- [CE marking](#)
- [Classification, labelling, packaging](#)
- [Chemicals \(REACH\)](#)
- [Mutual recognition](#)
- [Standardisation in Europe](#)

Finance & funding

- [EU funding programmes](#)
- [Access to finance](#)
- [Exchanges for young entrepreneurs](#)

Public contracts

- [Rules & procedures](#)
- [Tools & databases](#)
- [Reporting irregularities](#)

Environment

- [EMAS certification](#)
- [Energy labels](#)
- [Eco-design](#)
- [EU eco-label](#)

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Money

- Loans, guarantees & capital
- Business investment
- Innovation, research and technology
- Outside the EU
- Environment, energy and transport
- Human resources
- Culture and media

Making the most of the market

- EU market rules
- Business outside the EU
- Business partners
- Public Contracts
- Innovation, research and copyright
- Environment and business
- Human resources

Support

- Contact points and support services
- Translation and language help

EU SME policy & statistics

- EU SME policy
- Facts and figures
- Sectors of activity



What does the EU do for small businesses?

What can the EU do for your business? Help you to get finance, partners, go international. This portal gathers together all the information provided by the EU on and for SMEs, ranging from practical advice to policy issues.

Access to finance

For more information



Success story of the month

World gets hold of innovative Irish device for better hand hygiene in hospitals

An Irish SME has taken the business of hygienic hands international, boosted by EU support, with a unique device that has been enthusiastically received by hospitals worldwide.

[More...](#)



[All success stories](#)

Stories from Business Planet



Copernicus: down-to-Earth opportunities for SMEs reaching for the stars

(© Eurimages)

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But what is an SME?



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[Consultation on cross-border parcel delivery](#)
05/05/15

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TOGETHER!



Pay on Time

LATE PAYMENT INFORMATION CAMPAIGN

Key programmes for



GROWTH

Internal Market, Industry, Entrepreneurship and SMEs

European Commission > Growth > Entrepreneurship and SMEs > Tools and Databases > SME Internationalisation Portal



Single Market and
Standards

Industry

**Entrepreneurship
and SMEs**

Access to finance
for SMEs

Sectors

SME Internationalisation Portal

Service providers

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Contracts and grants



Public consultations

Publications

Welcome to SME Internationalisation Portal

Select your country

(EU by default)

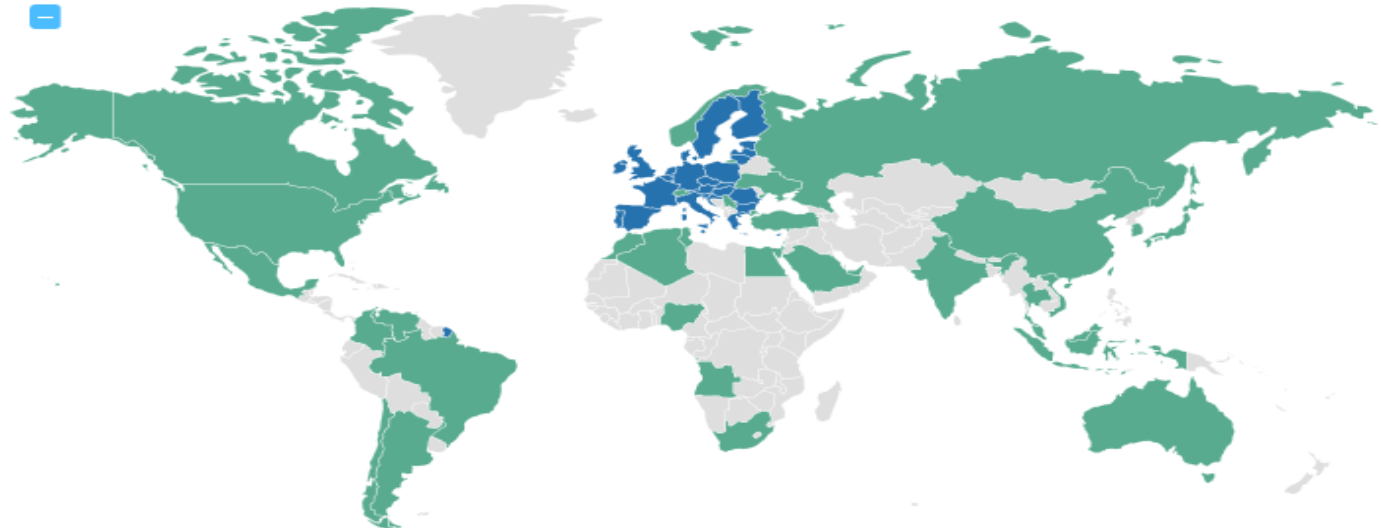


Select target country

(please select)



Search



● EU Member State (Origin) ● Target country ● Not yet covered

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This site can help you find experts with the know-how and experience to take your business international. Use our database to search for support services in your country, your target country and other EU advice/help available.



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THE FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

HORIZON 2020

The background of the slide is a deep blue gradient. In the center, there is a bright sunburst or starburst effect. A small, transparent globe of the Earth is positioned at the center of this burst, appearing to rise over the horizon of a larger, darker blue globe that occupies the lower half of the image. The sunburst radiates outwards in all directions, creating a sense of energy and innovation. The text 'HORIZON 2020' is written in a clean, white, sans-serif font, with the globe acting as the letter 'O' in 'HORIZON'.

Horizon 2020

Excellent Science

- **European Research Council**
 - Frontier research by the best individual teams
- **Future and Emerging Technologies**
 - Collaborative research to open new fields of innovation
- **Marie Skłodowska Curie actions**
 - Opportunities for training and career development
- **Research infrastructures** (including e-infrastructure)
 - Ensuring access to world-class facilities

Industrial Technologies

- **Leadership in enabling and industrial technologies**
 - ICT, nanotechnologies, materials, biotechnology, manufacturing, space
- **Access to risk finance**
 - Leveraging private finance and venture capital for research and innovation
- **Innovation in SMEs**
 - Fostering all forms of innovation in all types of SMEs

Societal Challenges

- Health, demographic change and wellbeing
- Food security, sustainable agriculture, marine and maritime research & the bioeconomy
- Secure, clean and efficient energy
- Smart, green and integrated transport
- Climate action, resource efficiency and raw materials
- Inclusive, innovative and reflective societies
- Security society

European Institute of Innovation and Technology (EIT)

Spreading Excellence and Widening Participation

Science with and for society

T. Caltabiano
Joint Research Center (JRC)

The SME Instrument



HORIZON 2020

The EU Framework Programme for Research and Innovation

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Sections navigation

Industrial Leadership

Innovation in SMEs

The SME Instrument

What is
Horizon
2020

Find
Your area

The SME Instrument

Small and Medium-sized Enterprises that are EU-based or established in a country associated to Horizon 2020 can now get EU funding and support for innovation projects that will help them grow and expand their activities into other countries – in Europe and beyond.

Horizon 2020 funds high-potential innovation through a dedicated SME instrument, which offers seamless business innovation support under the section **Societal Challenges** and the specific part **Leadership in Enabling and Industrial Technologies (LEITs)**.

Provided with about € 3 billion in funding over the period 2014-2020, the SME Instrument helps high-potential SMEs to develop groundbreaking innovative ideas for products, services or processes that are ready to face global market competition. Available to SMEs only, which can however organise a project in the way that best fits their business needs – meaning that subcontracting is not excluded – the new scheme has opened a new highway to innovation through phased, progressive and complimentary support.



What support is available?

The dedicated SME instrument's supports close-to-market activities, with the aim to give a strong boost to breakthrough innovation. Highly innovative SMEs with a clear commercial ambition and a potential for high growth and internationalisation are the prime target.

The SME Instrument offers small and medium-sized businesses the following:

- Business innovation grants for **feasibility assessment purposes** (optional phase I): EUR 50,000 (lump sum) per project (70% of total cost of the project);
- Business innovation grants for **innovation development & demonstration purposes** (possible phase II): an amount in the indicative range of EUR 500,000 and 2,5 million (70% of total cost of the project as a general rule);
- **Free-of-charge business coaching** (optional in phases I and II), in order to support and enhance the firm's innovation capacity and help align the project to strategic business needs;
- Access to a wide range of innovation support services and facilitated **access to risk finance** (mostly in optional phase III), to facilitate the commercial exploitation of the innovation.



Search



@H2020SME

Market, Industry & SMEs
@EU_Growth

What is the state of #digital #entrepreneurship in #Europe? See the 2015 scoreboard #startup ec.europa.eu/DocsRoom/docum... pic.twitter.com/6xUhbyST6f

Retweeted by H2020 SME Instrument

1h

Horizon 2020 @EU_H2020

Cost-effective graphene production could bring material benefits dlvr.it/D1hH1v #H2020 pic.twitter.com/IzDLtSYhow

Retweeted by H2020 SME Instrument

1h

Javier Nesofsky @nesofsky

Aprendiendo sobre impacto y excelencia en el contexto de H2020 con @LuciaInigo_CDTI en

The SME instrument

Step	Step 1	Step 2	Step 3
Objectives	exploring and assessing the technical feasibility and commercial potential of a breakthrough innovation that a company wants to exploit and commercialize	to support innovative concept that has the potential to become a new product but still requires to develop a commercialization strategy	To enhance the company's innovation capacity and develop the commercial/economic impact and long term sustainability
Activities	partner search design or market studies, intellectual property exploration risk assessment, technological and commercial feasibility	prototyping, miniaturisation, scaling-up, design, performance verification, testing, demonstration, development of pilot lines, validation for market replication	training, coaching, support for the management of intellectual property and for access to finance, attribution of 'quality label'
Duration	Around 6 months	12-24 months	
EU funding	€ 50.000	€ 500.000- 2.5 million	No direct funding



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Research Fund for Coal & Steel

3rd Health Programme

Promotion of Agricultural Products

Consumer Programme

COSME

Justice Programme

FP7 & CIP Programmes 2007-2013

Calls

Other Funding Opportunities

[Call budget overview](#)

TOPIC : Accelerating market introduction of ICT solutions for Health, Well-Being and Ageing Well

Topic identifier: SMEInst-06-2016-2017

Publication date: 14 October 2015

Types of action: SME-1 SME instrument phase 1

DeadlineModel: multiple cut-off

Opening date: 26 November 2015

Cut-off dates:

24 February 2016 17:00:00
03 May 2016 17:00:00
07 September 2016 17:00:00
09 November 2016 17:00:00
15 February 2017 17:00:00
03 May 2017 17:00:00
06 September 2017 17:00:00
08 November 2017 17:00:00

Types of action: SME-2 SME instrument phase 2

DeadlineModel: multiple cut-off

Opening date: 26 November 2015

Cut-off dates:

03 February 2016 17:00:00
14 April 2016 17:00:00
15 June 2016 17:00:00
13 October 2016 17:00:00
18 January 2017 17:00:00
06 April 2017 17:00:00
01 June 2017 17:00:00
18 October 2017 17:00:00

Time Zone : (Brussels time)



Horizon 2020
> Industrial Leadership
Call : [H2020-SMEInst-2016-2017](#)

[H2020 website](#)

Topic Description

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Specific Challenge:

The challenge is to help overcome the current gaps in exploitation of promising research results in ICT for Health, Well-being and Ageing well and to stimulate increased availability and market uptake of relevant

Research and Innovation actions

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Spreading Excellence and Widening Participation

Science with and for society

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The scientific fields for collaborative projects...

II Pillar

Leadership in enabling and industrial technologies

(Information and Communication Technologies

Nanotechnologies

Advanced materials

Biotechnology

Advanced manufacturing and processing

Space)

Access to risk finance

Innovation in SMEs

Societal challenges

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



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Research Fund for Coal & Steel

COSME

3rd Health Programme

Consumer Programme

FP7 & CIP Programmes 2007-2013

Calls



Call Updates



Other Funding Opportunities

Horizon 2020

Excellent Science

- ☐ European Research Council
- ☐ Future and Emerging Technologies
- ☐ Marie Skłodowska-Curie actions
- ☐ Research infrastructures

Industrial Leadership

- ☐ Leadership in enabling and industrial technologies(LEIT)
- ☐ Access to risk finance
- ☐ Innovation in SMEs

Type

- ☒ Proposal
- ☐ Tender

Status

- ☒ Open
- ☐ Closed
- ☐ Forthcoming

Filter a call

FILTER

Filters only programme and call titles and IDs, for extended search go to the [Search Topics page](#).

Sort by



Title



Call Id



Publication Date



Deadline Date

Industrial Leadership

EU-Japan Research and Development
Cooperation in Net Futures
H2020-EUJ-2014

Pub.Date: 07/01/2014 Deadline: 10/04/2014

Indirect actions

Prize - Innovation SOFT
H2020-Prize-Innovation-SOFT-
2014

Pub.Date: 07/01/2014 Deadline: 16/04/2014

Societal Challenges

MOBILITY for GROWTH 2014-2015
H2020-MG-2015_TwoStages

Pub.Date: 11/12/2013 Deadline: 31/03/2015

Societal Challenges

MOBILITY for GROWTH 2014-2015
H2020-MG-2015-SingleStage-B

Pub.Date: 11/12/2013 Deadline: 27/08/2015

Societal Challenges

MOBILITY for GROWTH 2014-2015
H2020-MG-2015_SingleStage-A

Pub.Date: 11/12/2013 Deadline: 31/03/2015

Societal Challenges

MOBILITY for GROWTH 2014-2015
H2020-MG-2014_TwoStages

Pub.Date: 11/12/2013 Deadline: 18/03/2014

Societal Challenges

MOBILITY for GROWTH 2014-2015
H2020-MG-2014_SingleStage_B

Pub.Date: 11/12/2013 Deadline: 28/08/2014

Societal Challenges

MOBILITY for GROWTH 2014-2015
H2020-MG-2014_SingleStage_A

Pub.Date: 11/12/2013 Deadline: 27/03/2014

Societal Challenges

GREEN VEHICLES 2015
H2020-GV-2015

Pub.Date: 11/12/2013 Deadline: 27/08/2015

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