

THE FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

HORIZON 2020



BILAT USA has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement No 312081.

Project Management Agency – @ the German Aerospace Center



- is a **research funding organisation** supporting the Federal Ministry of Education and Research (BMBF) and the Federal Ministry of Economics and Energy (BMWi), along with other Federal Ministries, in the implementation of programme-related project funding.

Our scope of services includes the following:

- **Conceptual work** (position papers on the state of the art of science and technology)
- **Controlling** (Professional and administrative project tracking, interim and success appraisal, financial control.)
- **Evaluation** (External assessments of applications, evaluation of funding concepts, staging of seminars)
- **General Management** (Project coordination, branch office function, accompanying measures, PR work, organisation and moderation of major events and specialist conferences)
- **EU-wide and international cooperation** (Support of the BMBF in the conceptual and organisational design of cross-border research funding)

European and International Cooperation

- Mobilisation and support of industry and science for participation in European programmes (e.g. FP7, H2020, EUREKA, etc.)
- Staff 2014: 233 headcounts
- 400 Trainings on European funding opportunities
- approx. 35,000 individual counseling interview
- approx. 1,500 international Research projects
- Approx. 100 Mio EUR for international cooperation

BILAT USA 2.0 - General Information

Full project title - Bilateral Coordination for the Enhancement and Development of S&T Partnerships between the *European Union* and the *United States of America*

- **Start Date:** 1 November 2012
- **Duration:** 3 years
- **Total budget:** 1.49 Mio. €
- **Coordinated by:** German Aerospace Center (DLR), Project Management Agency at DLR, Germany, European & International Cooperation Unit

BILAT USA 2.0 Partners



BILAT USA 2.0...

- Supports the political dialogue within the framework of the EU-US S&T Cooperation Agreement
- Enhances the cooperation between scientists and innovation actors on both sides of the Atlantic through targeted thematic workshops
- Provides information on funding opportunities to researchers and innovators
- Analyzes the state-of-the-art and progress of transatlantic science and technology cooperation

U.S. Partners within FP7



- U.S. Partners**
- **514 participations**
 - **€ 81,9 million**
(\$ 92,8 million)
financial EU
contributions

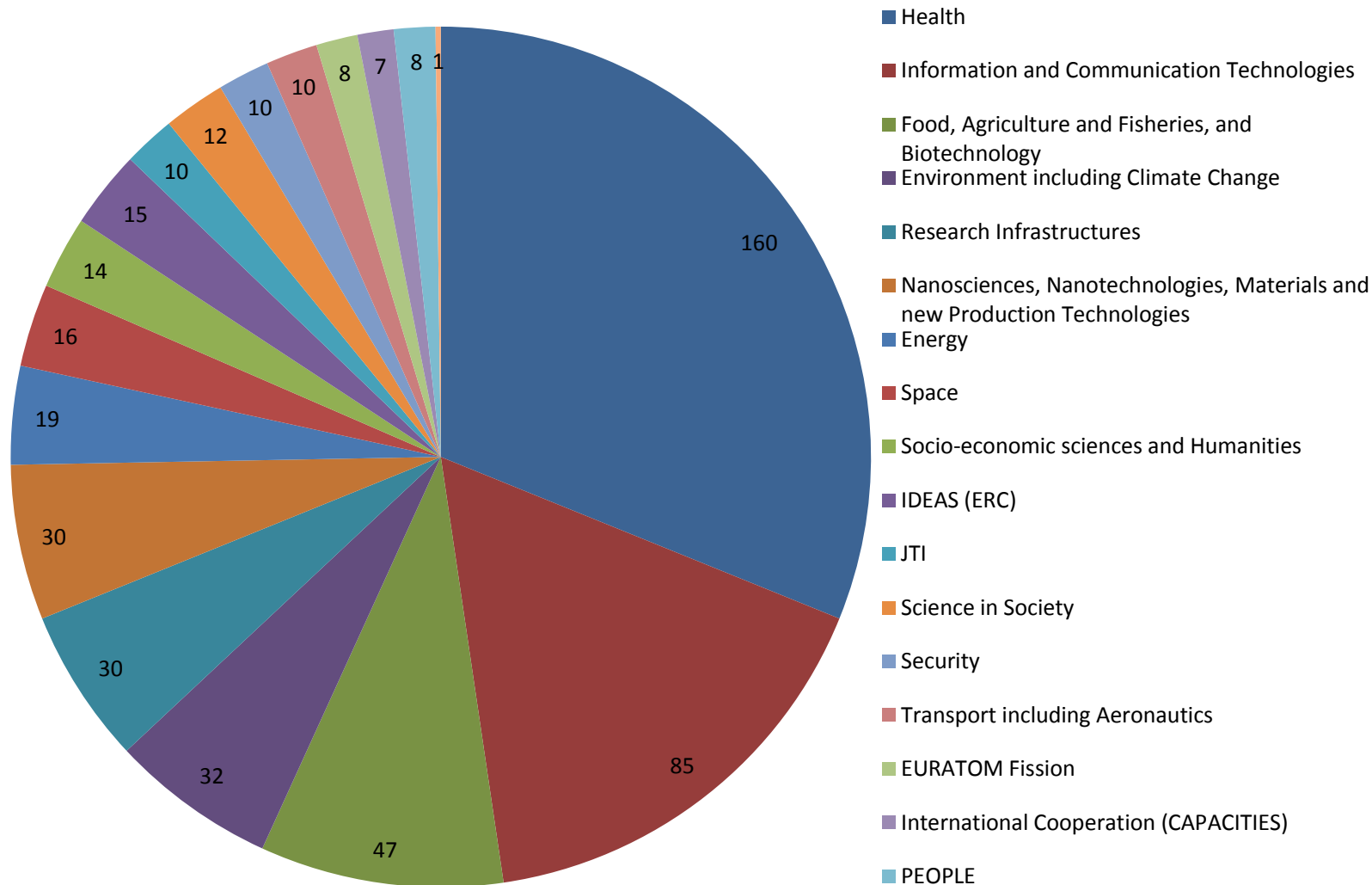


particularly successful in Health | ICT | Food, Agriculture, Fisheries, Biotechnology | Energy

* signed projects, October 2014

Source: Austrian Research Promotion Agency (FFG)

U.S. participation in FP7



Motives and challenges to transatlantic research cooperation in FP7

- Improvement of scientific excellence of the research endeavor (17.5%)
- Establishment of a wider cooperation network (16%)
- Access to specific expertise (15.5%)
- Improve relations to European researchers (13%)
- Expectations of higher research impact (12%)
- Expectations of technological advantages/breakthroughs (7%)

N = 130 European FP7 project coordinators and 105 U.S. participants in FP7 projects

Challenges

- When analyzing the challenges faced in transatlantic research cooperation under FP7 for 48% of U.S. FP7 project partners **lack of funding for the U.S. partners** was a very relevant or relevant obstacle to FP7 participation.
- 38% of U.S. FP7 project partners claimed that **applicable law/jurisdiction** was a very relevant or relevant obstacle to FP7 participation.
- 32% of U.S. FP7 project partners claimed that the **administrative burden and costs** were very relevant or relevant obstacles to FP7 participation.
- According to European coordinators of FP7 research projects and their U.S. project partners, one **recommendation is to reduce administrative and legal barriers to EU-U.S. FP7 collaboration**. Another recommendation is the **synchronization of EU and U.S. funding programs allowing the U.S. partner** to receive national funding if FP7 funding is not approved.



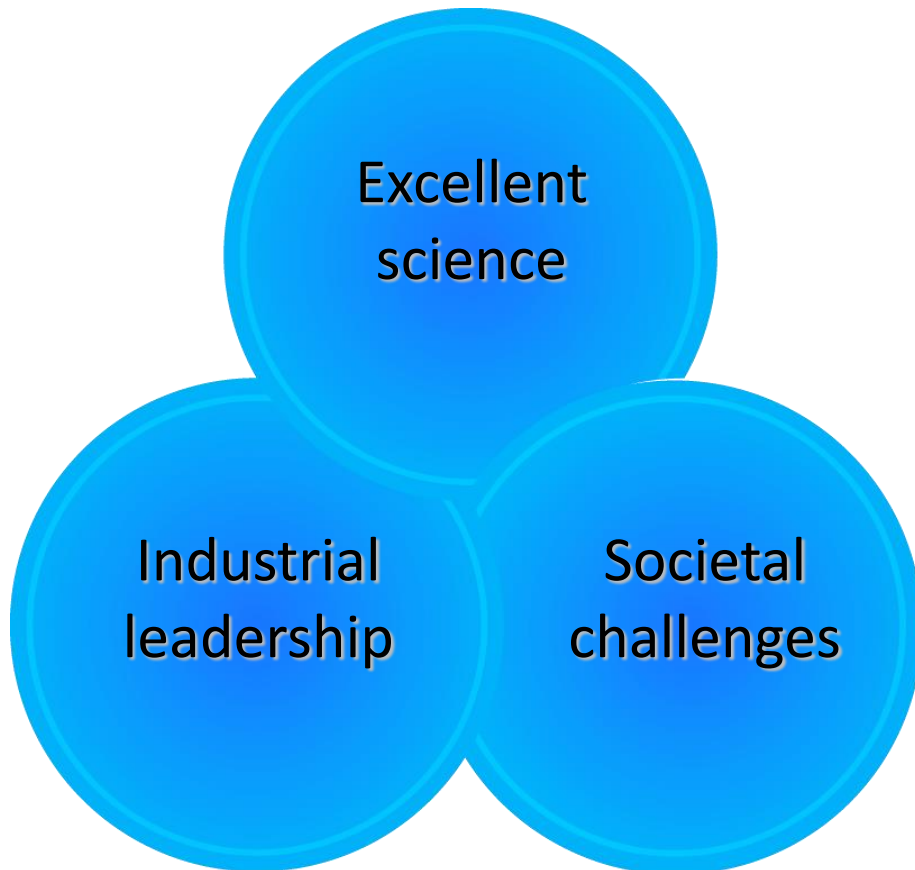


What is Horizon 2020

- A **€80 billion research and innovation funding programme** (2014-2020)
- A **single programme** bringing together three formerly separated programmes/initiatives (FP7/CIP/EIT)*.
- **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 (=> **openness for international cooperation**).
- Strong participation of SMEs
- **Open Access** as basic principle for peer-reviewed scientific publications

*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)

A stronger, clearer focus – 3 priority areas



- to contribute directly to tackling the major **societal challenges** identified in Europe 2020 and its flagship initiatives.
- to contribute equally to creating **industrial leadership** in Europe.
- to increase **excellence in the science base**, essential for the sustainability and long term prosperity and wellbeing of Europe.

Simplification as a major feature



- A **single set of rules** covering all research programmes and funding bodies
- Simple evaluation criteria:
Excellence – Impact – Implementation (Excellence only, for the ERC)
- Simplified funding rates (‘**one rate per action**’)
- 25% flat rate for indirect costs
- **Shorter average ,time-to-grant‘**; 8 month (5+3)
- Grant Agreement is signed electronically
- Less controls
- Less time-keeping requirements (Abolition for staff working exclusively on an EU project)

Beyond the Rules: further simplified provisions in the Grant Agreement and implementing procedures to facilitate access to Horizon 2020 (e.g. common IT platform).

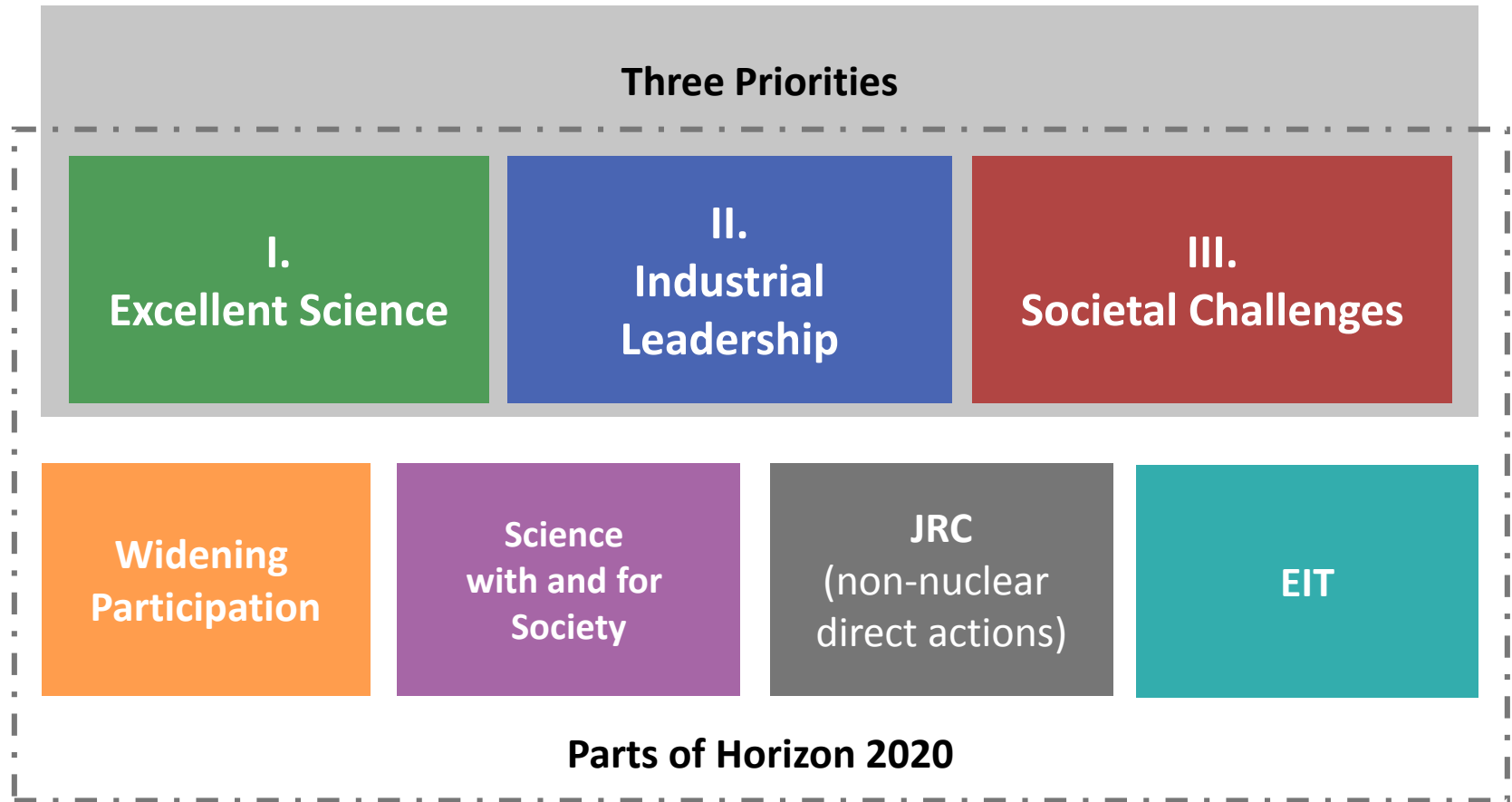

~~| Maximum reimbursement rates | Research and technological development activities (*) | Demonstration activities | Other activities |
|---------------------------------|---|--------------------------|------------------|
| Network of excellence | 50%
75% (**) | | 100% |
| Collaborative project(****) | 50%
75% (**) | 50% | 100% |
| Coordination and support action | | | 100% (***) |~~

H2020 ,Rules for Participation' apply for all programme areas (EIT, JTIs...) and funding bodies – exceptions where needed

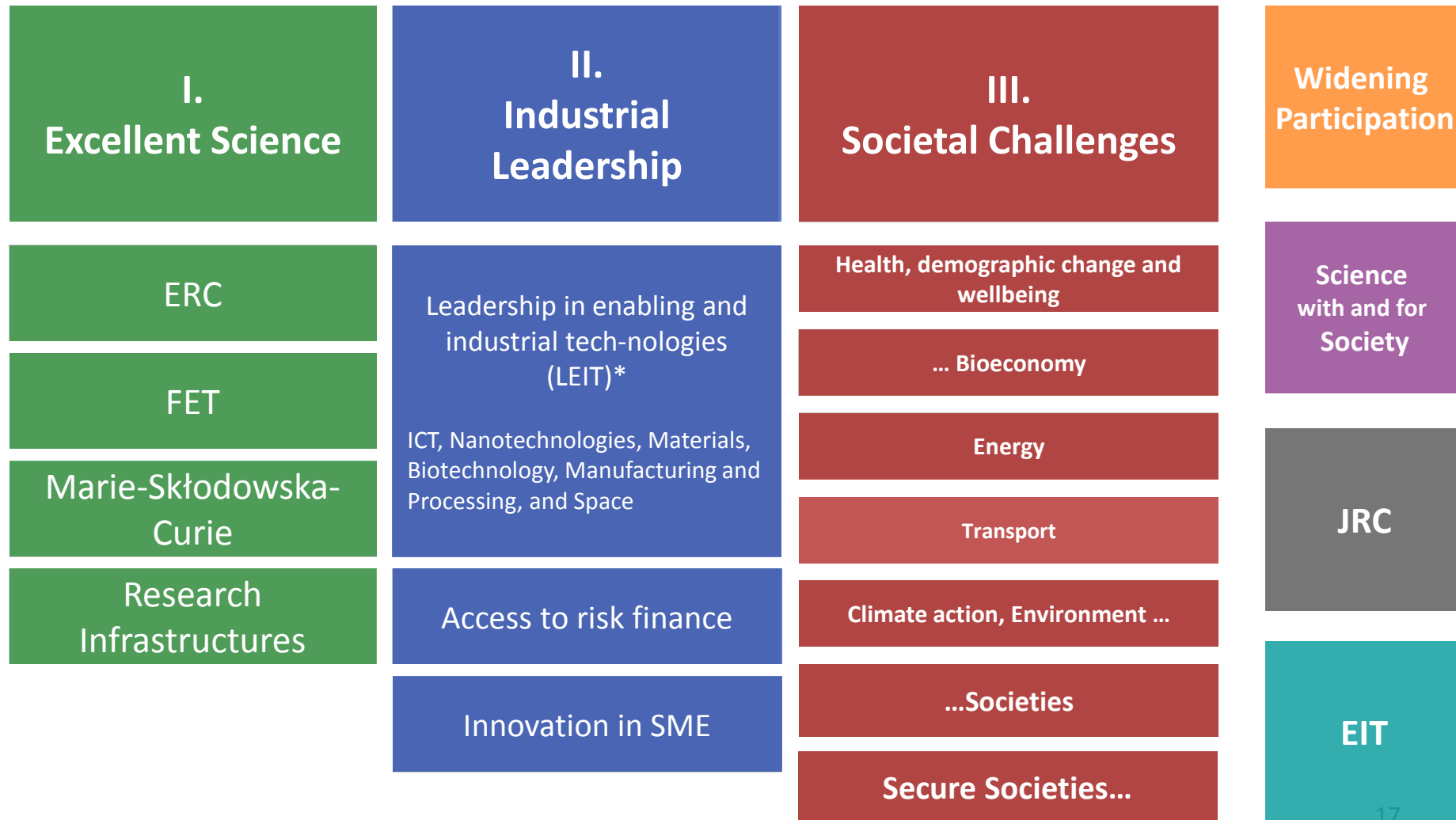
Simpler funding rates (basic principle: ,one funding rate per action')

Type of Actions		
Type of Organization	R&IA	IA
Profit	Direct costs = 100% Indirect costs= 25%	Direct costs = 100% Indirect costs= 25%
Non-Profit	Direct costs = 100% Indirect costs= 25%	Direct costs = 70% Indirect costs= 25%

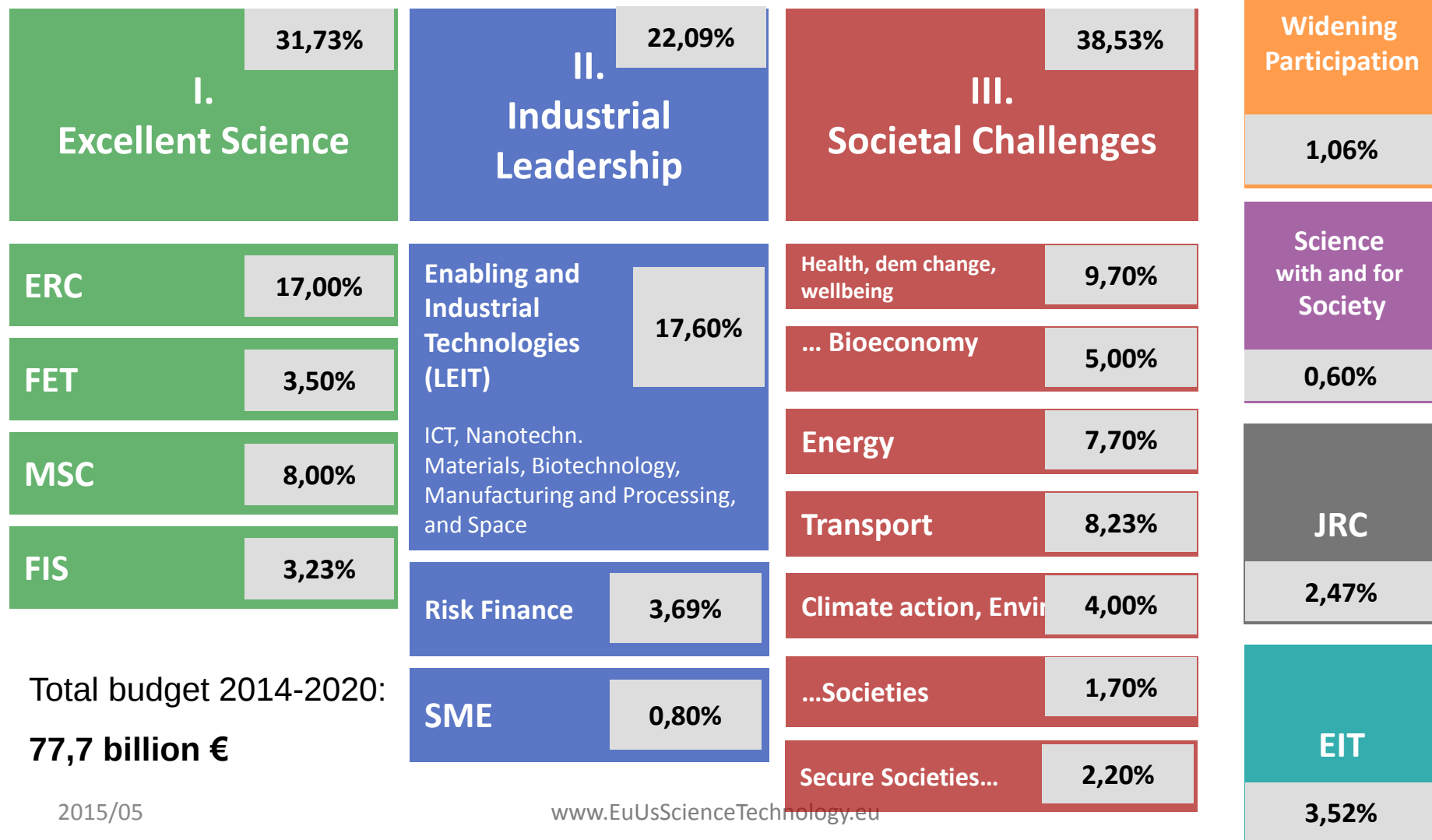
Programme Structure of Horizon 2020



Programme Structure of Horizon 2020



Budget allocation of Horizon 2020



Future and Emerging Technologies (FET)

2696,3 Mio.
EURO

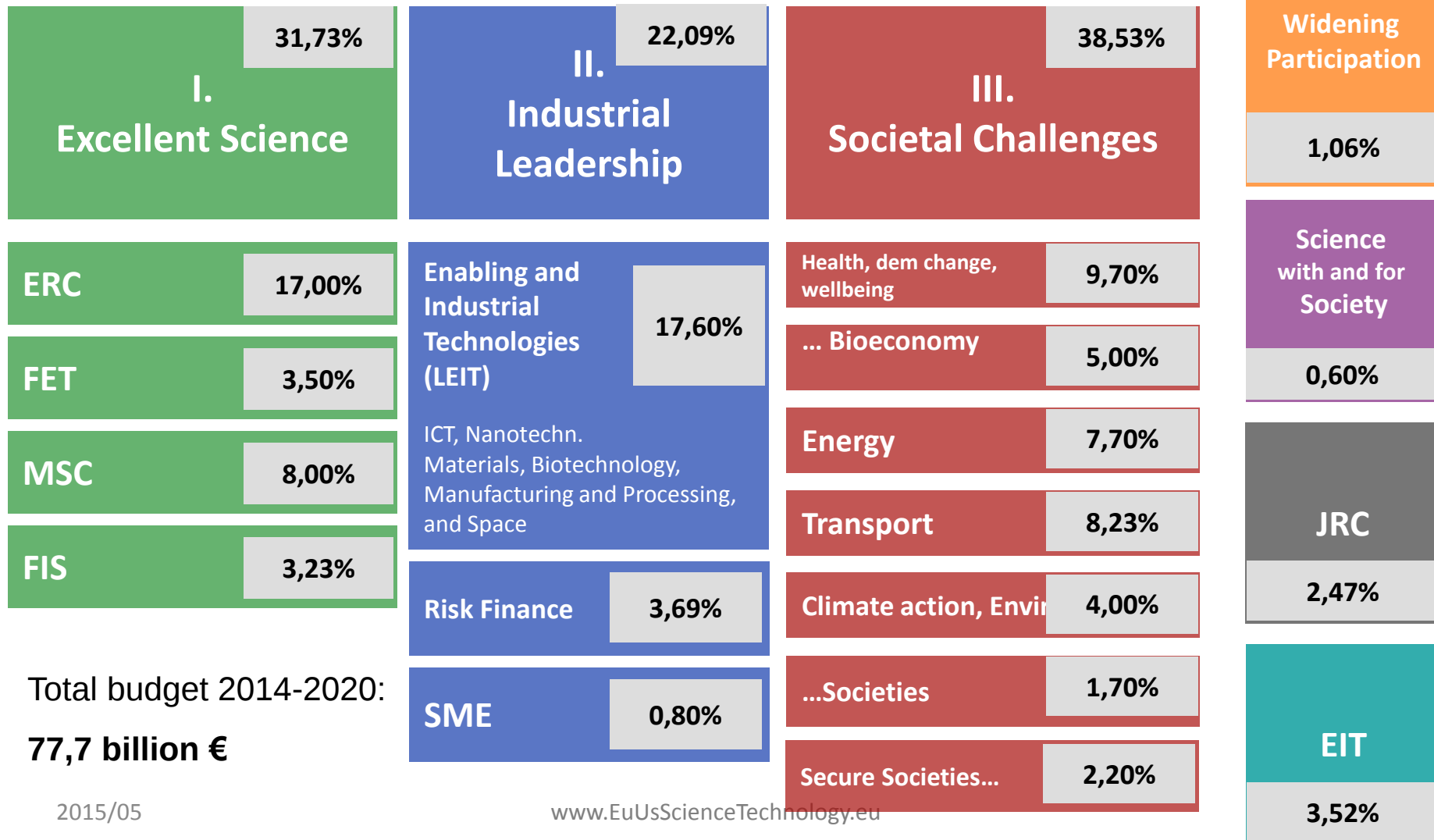
- Foster scientific collaboration across disciplines on visionary, high-risk ideas – uncover radically **new technology areas**
- Science-driven and revolutionary research
- Interdisciplinary and **collaborative**
- Path-finding Europe's technological future + bootstrapping new R&I eco-systems
- Complementary to activities in other parts of Horizon 2020 – exploiting **synergies**

FET Flagship Pilot initiative:

Graphene-CA: Graphene Science and technology for ICT and beyond

HBP-PS: The **Human Brain Project**

Budget allocation of Horizon 2020



Part II – Industrial Leadership

- **Leadership in enabling and industrial technologies (LEIT):** LEIT, inclusive key enabling technologies): Research and innovation in areas of particular relevance for the competitiveness of the industry (ICT, Nanotechnology, Materials, Biotechnology, Manufacturing and Processing and Space)
- **Access to risk finance:** debt facility and equity facility in order to leverage yet further private high-risk research and innovation (R&I) investments
- **Innovation in SME:** dedicated support for SME in three different stages covering the whole innovation cycle (feasibility part, demonstration and testing, commercialisation phase)

SME Instrument



- The new SME instrument is a simpler and more easily accessible funding scheme for SMEs
- It is somehow **“inspired” by the US “SBIR model”**
- It comes in addition to the support provided through the participation of SMEs in collaborative projects continued within Horizon 2020
- It is divided into 3 phases covering different stages of the innovation cycle.

Fast-Track-To-Innovation (Pilot)

The Fast Track to Innovation (FTI) pilot is a **fully-bottom-up measure in Horizon 2020 to promote close-to-the-market innovation activities**, and open to all types of participants. The FTI pilot provides funding in any area of technology or application.

The aim is to:

- reduce time from idea to market,
- stimulate the participation of first-time applicants to EU research funding, and
- increase private sector investment in research and innovation.

Substantial industry involvement in FTI actions will be mandatory to ensure quick market take-up ('quick' meaning within a three-year period after the start of the FTI-action)

FIT - Call



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FP7 & CIP Programmes 2007-2013

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FAST TRACK TO INNOVATION PILOT

H2020-FTIPilot-2015-1

Opening Date	06-01-2015	Deadline Date	01-12-2015 17:00:00 (Brussels local time)
		Cut-off date(s)	29-04-2015 17:00:00 (Brussels local time)
			01-09-2015 17:00:00 (Brussels local time)
			01-12-2015 17:00:00 (Brussels local time)
Budget	€100,000,000	Programme	Horizon 2020
Status	Open	Main Pillar	Industrial Leadership

[Call description](#)
[Call documents](#)
[Get support](#)

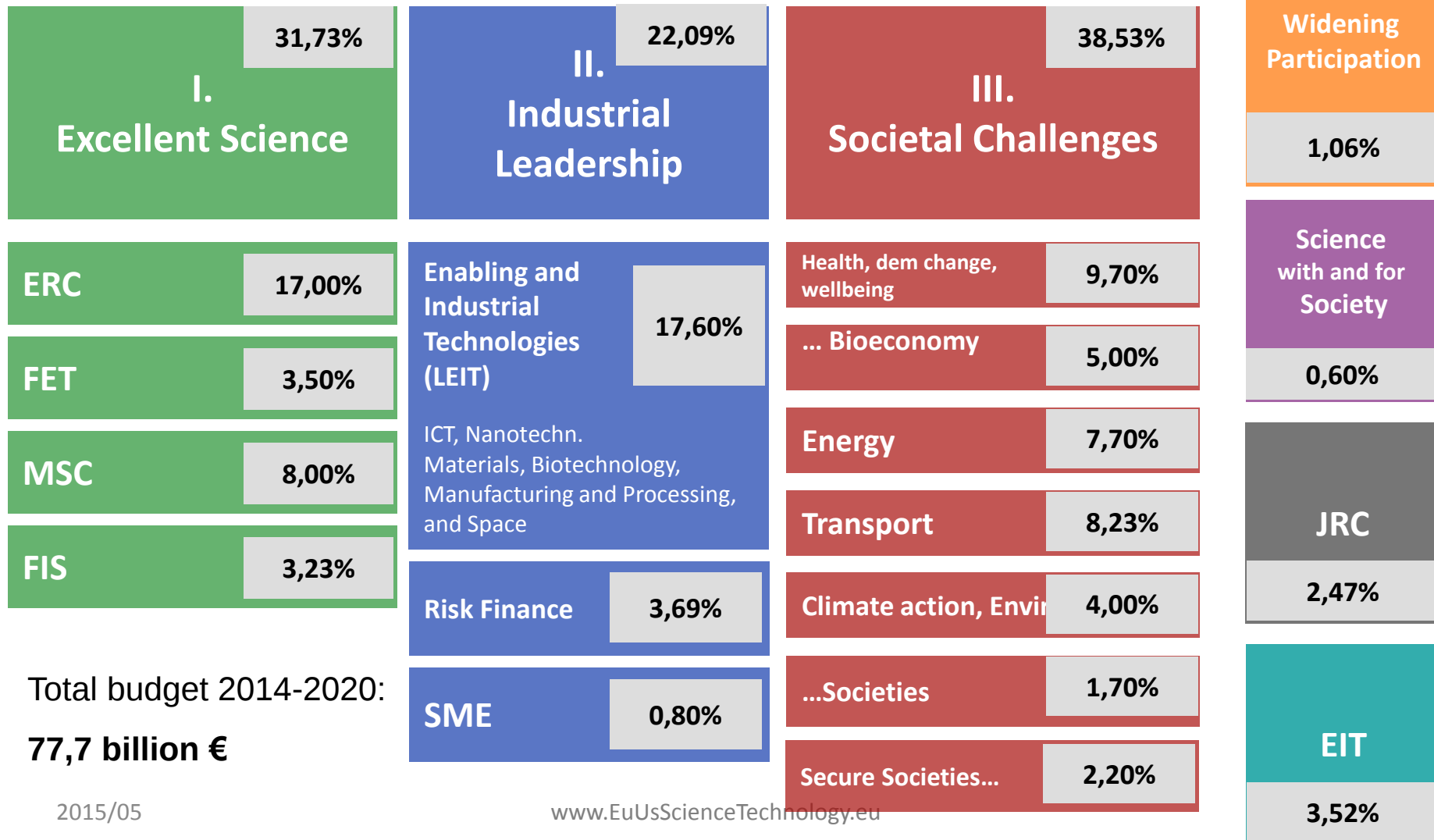
Call updates

- 30-04-2015 09:10:22**

A total of 269 proposals were submitted in response to this call.

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/calls/h2020-ftipilot-2015-1.html>

Budget allocation of Horizon 2020



III. Societal Challenges

1.

Health, Demographic Change and Wellbeing

2.

Food Security, Sustainable Agriculture and Forestry, Marine and Maritime and Inland Water Research and the Bioeconomy

3.

Secure, Clean and Efficient Energy

4.

Smart, Green And Integrated Transport

5.

Climate action, Environment, Resource Efficiency and Raw Materials

6.

Europe In A Changing World –
Inclusive, Innovative And Reflective Societies

7.

Secure Societies –
Protecting Freedom And Security Of Europe And Its Citizens

Part III – Societal Challenges

- 7 specific objectives which aim to contribute to solve important societal challenges of the Union
 - **Policy driven**: reflect the political priorities and societal challenges of the Europe 2020 strategy
 - **Critical mass** of knowledge and resources in order to deal with the societal challenges
- Largest budget share of 38,53% (about 26,5 billion EUR)
- **Interdisciplinary** approach and inclusion of cross-cutting issues (gender, sustainability, international cooperation...)
- Entire cycle from basic research to market uptake
- Stronger **output orientation**

How can apply? What are the basic rules?

Rules of participation

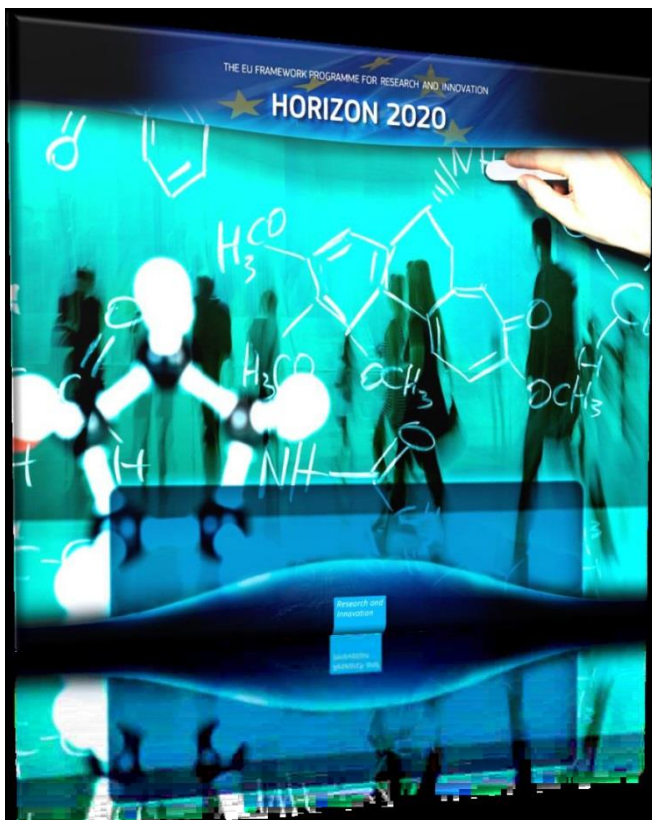


Applicants from non-EU countries are **eligible to take part** in Horizon 2020 programmes, even as coordinator.

All proposals must meet certain **minimum conditions** (in Rules for Participation)

Source: http://ec.europa.eu/research/iscp/pdf/inco_h2020_for_international_audience.pdf

Minimum Conditions



For **standard collaborative actions**: At least three legal entities each established in a different Member State or an Associated Country. **In addition, participants from any other country in the world can also be included**

For **ERC, SME instrument, programme co-fund, coordination and support, training and mobility actions**: One legal entity established in a Member State or in an Associated Country

Additional conditions can be set out in the work programme or work plan, e.g. number of participants, type of participants etc.

H2020: Open to the world **GENERAL OPENNESS**



- Horizon 2020 is open** to participation of researchers from anywhere in the **world**, to:
- Extend the frontiers of scientific knowledge
 - Tackle challenges that affect us all
 - Make industries more competitive

Source: http://ec.europa.eu/research/iscp/pdf/inco_h2020_for_international_audience.pdf

H2020: Open to the world



1. Projects can include international partners

2. Targeted opening

- In certain topics in calls for proposals, inclusion of international partners may be:
 - a) encouraged
 - or
 - b) required

3. Coordinated calls

- Used for specific actions (e.g. identified through joint steering committees). Paired calls, linked evaluations, two contracts

Source: http://ec.europa.eu/research/iscp/pdf/inco_h2020_for_international_audience.pdf

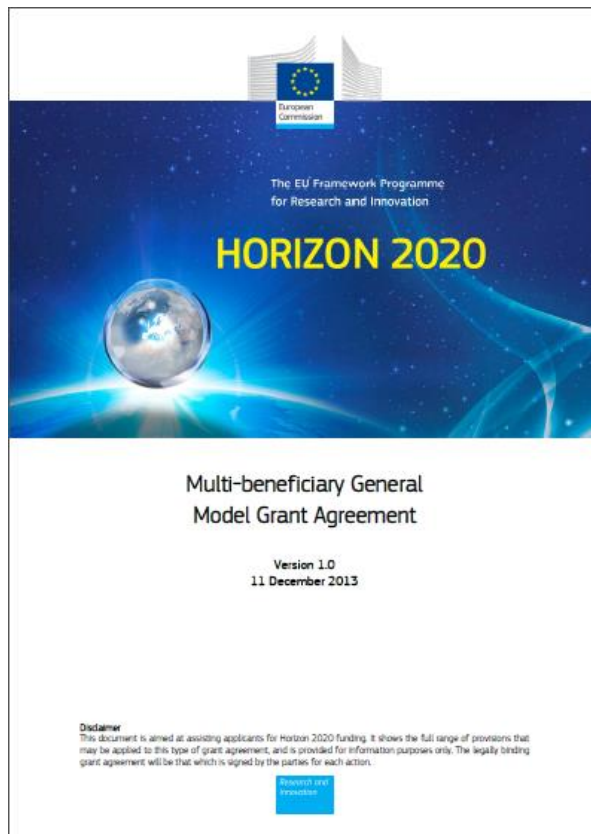
Eligibility for funding depends on the country

- List of **third countries eligible for funding** (,developing countries') (see General Annexes in Work programme)
- **No automatic funding** for entities from, **industrialised countries', BRIC** (Brasil, Russia, India, China) and **Mexico**
- only eligible for funding, if
 - specified in the **Work Programme** or
 - **participation deemed essential** for the project (outstanding competence/expertise, access to research infrastructure, access to particular geographical environments, access to data) or
 - **bilateral agreement** between the EU and the respective country



US-partners are eligible under all topics in calls under the Societal Challenge 'Health, demographic change and well-being'.

Legal framework



EU Financial Regulation H2020 - Rules for Participation Work Programme

Grant Agreement (GA)

provides the rights and obligations between the EC and the beneficiaries

Consortium Agreement (CA)

provides the rights and obligations between the beneficiaries www.desca-2020.eu

http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/amga/h2020-amga_en.pdf

What next?

How can I participate?

Get ready!

**Workprogramme 2016/17 will
be published end Sep 2015!**








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BILAT-USA 2.0 project

BILAT USA 2.0 is a project funded by the European Union under FP7. It is a bilateral coordination activity to enhance and develop science, technology and innovation partnerships between the European Union and the United States of America. BILAT-USA 2.0 has three main goals:

- support the political dialogue within the framework of the EU-US STI cooperation agreement
- enhance the cooperation between scientists and innovation actors on both sides and spread information on funding possibilities through a number of workshops & events
- analyze the state-of-the-art and the progress of transatlantic science and technology cooperation.

In March 2013, the EU-US Joint STI Committee Meeting determined four research areas as priorities for transatlantic cooperation: Marine & Arctic Research, NMP, Health and Transport.

[Read More](#)

Marine and Arctic Research

NMP

Health

Transport

Events



Joining Forces Towards Healthy and Productive Seas and Oceans - First JPI Oceans Conference
05-07-2015

[More Events](#)

Latest highlight

Latest News



Horizon 2020 Guide for US researchers

A Guide to US participation in the European Union's
Framework Programme for Research and Innovation
(2014-2020)

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For the latest information on the BILAT USA 2.0 project, Horizon 2020 or the contents of this guide, please visit us at www.EuUsScienceTechnology.eu.



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Horizon 2020 Guide for US researchers

A Guide to US participation in the European Union's Framework Programme for Research and Innovation (2014-2020)

http://www.euussciencetechnology.eu/sites/default/files/H2020%20Guide%20for%20US%20researchers%20FINAL_0.pdf

Horizon2020 – How to get involved

[content/faq](#)
www.EuUsScienceTechnology.eu/content/faq








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FAQ

Horizon2020 – How to get involved?

H2020 is the world largest funding programme for research and innovation with nearly 80 Billion Euro (nearly 111 Billion USD) for seven years. Horizon 2020 is open to participation from across the world, meaning that European researchers can cooperate with their counterparts in third countries on any topic of their choice.

[Link to official H2020 website](#)

The guide below, however, is aimed to give US researchers and innovators hands-on information on how you get involved. This guide is not meant to be comprehensive, so BILAT USA 2.0 project summarized those questions that have been asked repeatedly during our Horizon 2020 information sessions held in the US. If you still have additional questions, please check our [FAQ](#) section, the [H2020 online manual](#) or contact us, and we will add your question and our answer to this guide.

While we have included some information about individual fellowship schemes (Marie Skłodowska Curie Actions (MSCA) and European Research Council (ERC) Grants), please find more extended information at the [US EURAXESS Links](#) website.

- [Phase A - Identify Funding Opportunities](#)
- [Phase B - Prepare to write a proposal / Set up a consortium](#)
- [Phase C - Proposal writing and submission](#)
- [Phase D - Signing an EU grant](#)
- [Phase E - Reporting](#)
- [Phase F - Closeout and Audits](#)

RECENT POSTS

[Report: Trilateral EU-US-Canada Workshop - Arctic scientific cooperation in the framework of the Transatlantic Ocean Research Alliance](#)

[The Atlantic – Our shared Resource. Making the Vision Reality](#)

[The Atlantic – Our Shared Resource: Making the Vision Reality](#)

[BILAT USA 2.0 webinar on H2020 Administrative Basics and the participant portal](#)

[BILAT USA 2.0 H2020 guide for US researchers](#)

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BILAT USA2.0 FP7 Funded Project


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Horizon 2020 Open Calls (asking for US participation)








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Horizon 2020 Open Calls

Right now, we are implementing a searchable database. Until the programming is completed, there is a list of open calls in Horizon 2020. This table will be regularly completed, revised and updated:

Call Identifier	Work Programme	Topic	Deadline
H2020-INT-INCO-2015	Societies	Enhancing and focusing research and innovation cooperation with the Union's key international partner countries:INT-01-2015	20 January 2014
H2020-BG-2014-1	Food	Monitoring, dissemination and uptake of marine and maritime research: BG-11-2014	26 June 2014
H2020-BG-2014-1	Food	Supporting international cooperation initiatives: Atlantic Ocean Cooperation Research Alliance: BG-14-2014	26 June 2014
H2020-BG-2014-1	Food	Preparing for the future innovative offshore economy: BG-05-2014	26 June 2014
H2020-BG-2014-1	Food	Ocean literacy – Engaging with society – Social Innovation: BG-13-2014	26 June 2014
H2020-BG-2014-1	Food	European polar research cooperation: BG-15-2014	26 June 2014
H2020-BG-2014-2	Food	Enhancing the industrial exploitation potential of marine-derived enzymes: BG-04-2014: BG-04-2014	1st stage: 12 March 2014 2nd stage:26 June 2014
H2020-BG-2014-2	Food	Delivering the sub-sea technologies for new services at sea: BG-06-2014	1st stage: 12 March 2014 2nd stage:26 June 2014
H2020-BG-2014-2	Food	Acoustic and imaging technologies: BG-09-2014	1st stage: 12 March 2014 2nd stage:26 June 2014
H2020-BG-2014-2	Food	Consolidating the economic sustainability and competitiveness of European fisheries and aquaculture sectors to reap the potential of seafood markets: BG-10-2014	1st stage: 12 March 2014 2nd stage: 26 June 2014

RECENT POSTS

[Report: Trilateral EU-US-Canada Workshop - Arctic scientific cooperation in the framework of the Transatlantic Ocean Research Alliance](#)

[The Atlantic – Our shared Resource. Making the Vision Reality](#)

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BILAT USA2.0 FP7 Funded Project


You like this.

<http://www.euussciencetechnology.eu/content/horizon-2020-open-calls>

Participant Portal – Single Entry Point to H2020

- One gateway principal
- Public Area:
 - Register
 - PIC - Search
 - H2020 Calls and Documents
- Private Area:
 - Submission
 - Contract negotiations
 - Contract changes
 - Reporting



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



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RESEARCH & INNOVATION

Participant Portal

European Commission > Research & Innovation > Participant Portal > Funding Opportunities

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Calls

H2020

Research Fund for Coal & Steel

COSME

3rd Health Programme

Consumer Programme

FP7 & CIP Programmes 2007-2013

Calls

Other Funding Opportunities

Funding Opportunities

H2020 ONLINE MANUAL

Find the European Union funding opportunities and search for new or closed calls of the programmes described on this page.

Horizon 2020



Horizon 2020 is the new EU funding programme for research and innovation running from 2014 to 2020 with a €80 billion budget. The first calls for proposals for Horizon 2020 were published on **11 December 2013**. Its simplified rules and submission and grant management tools should facilitate participants' tasks. For practical guidance, see the [H2020 online manual](#).

H2020 supports **SMEs** with a new **instrument** that runs throughout various funded research and innovation fields, so it should be easy for SMEs to find opportunities in many calls.

H2020 also aims to enhance EU **international research cooperation** so there are more opportunities for Third Country participation.

Having built H2020 around the main societal challenges like an ageing population, food security, energy efficiency, the EU attaches high importance to integrate **social sciences and humanities** into the work programme.

COSME

Programme for the Competitiveness of Enterprises and SMEs (COSME) will run from 2014 to 2020, with a planned budget of €2.3bn. It will facilitate SME access to finance, create supportive environment for business creation, help small businesses operate outside their home countries and improve their access to markets.

3rd HEALTH PROGRAMME

The **Third Health Programme** will run from 2014 to 2020, with a planned budget of 449 million EUR. It will support actions that complement, support and add value to the policies of the Member States to improve the health of EU citizens and reduce health inequalities by promoting health, encouraging innovation in health, increasing the sustainability of health systems and protecting Union citizens from serious cross-border health threats.

CONSUMER PROGRAMME

The **Multiannual Consumer Programme** 2014-2020 has a planned budget of 188 million EUR. It will support actions that ensure a high level of consumer protection, that empower consumers and that place the consumer at the heart of the internal market.

Research Fund for Coal and Steel (RFCS)

RFCS provides funding for high quality research projects which support the competitiveness of the

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

Find a call – by Topic



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 **Horizon 2020** [Advanced search for topics](#)
[Calls for tenders on TED](#)

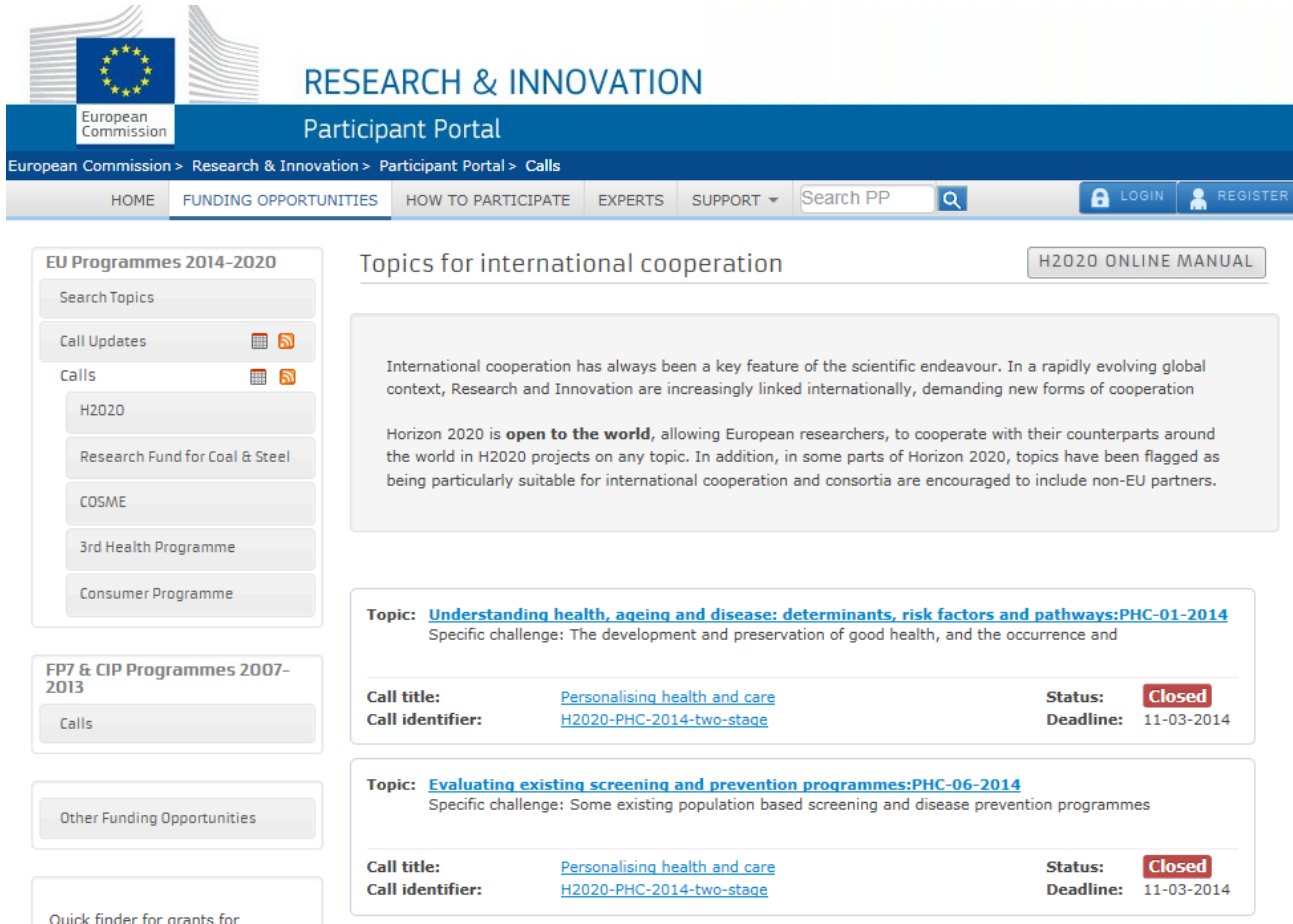
- ☐ **Excellent Science**
 - ☐ European Research Council (ERC)
 - ☐ Future and Emerging Technologies (FET)
 - ☐ Marie-Sklodowska-Curie Actions
 - ☐ Research Infrastructures
- ☐ **Industrial Leadership**
 - ☐ Leadership in enabling and industrial technologies (LEIT)
 - ☐ Information and Communication Technologies

Status ☒Forthcoming ☒Open ☐Closed **FILTER**

Sort by ☒ (Planned) Opening Date ☐ Deadline ☐ Call title ☐ Call identifier

Industrial Leadership Horizon Prize – Materials for clean air H2020-CleanAir-2015-1 Deadlines: 23/01/2018 Planned Opening Date: 26/01/2017	Societal Challenges MOBILITY for GROWTH 2014-2015 H2020-MG-2015-Singlestage-B Deadlines: 15/10/2015 Planned Opening Date: 24/06/2015	Societal Challenges GREEN VEHICLES 2015 H2020-GV-2015 Deadlines: 15/10/2015 Planned Opening Date: 24/06/2015
Industrial Leadership Horizon Prize – Breaking the optical transmission barriers H2020-OpticalPrize-2015 Deadlines: 15/03/2016 Planned Opening Date: 28/05/2015	Industrial Leadership Horizon Prize – Collaborative Sharing of Spectrum H2020-SpectrumPrize-2015 Deadlines: 17/12/2015 Planned Opening Date: 28/05/2015	Science with and for Society Call for making science education and careers attractive for young people H2020-SEAC-2015-1 Deadlines: 16/09/2015 Opening Date: 22/04/2015

Find a call – asking for International Cooperation



The screenshot shows the European Commission Research & Innovation Participant Portal. The header includes the European Commission logo and the text "RESEARCH & INNOVATION Participant Portal". Below the header is a navigation bar with links: HOME, FUNDING OPPORTUNITIES, HOW TO PARTICIPATE, EXPERTS, SUPPORT, and a search bar labeled "Search PP". There are also links for LOGIN and REGISTER.

The main content area is titled "Topics for international cooperation" and includes a link to the "H2020 ONLINE MANUAL". The text states: "International cooperation has always been a key feature of the scientific endeavour. In a rapidly evolving global context, Research and Innovation are increasingly linked internationally, demanding new forms of cooperation. Horizon 2020 is **open to the world**, allowing European researchers, to cooperate with their counterparts around the world in H2020 projects on any topic. In addition, in some parts of Horizon 2020, topics have been flagged as being particularly suitable for international cooperation and consortia are encouraged to include non-EU partners."

On the left side, there are several filters and search options:

- EU Programmes 2014-2020**: Search Topics, Call Updates, Calls (H2020, Research Fund for Coal & Steel, COSME, 3rd Health Programme, Consumer Programme).
- FP7 & CIP Programmes 2007-2013**: Calls.
- Other Funding Opportunities**.
- Quick finder for grants for**.

Two specific calls are highlighted:

Topic	Call title	Call identifier	Status	Deadline
Understanding health, ageing and disease: determinants, risk factors and pathways:PHC-01-2014 Specific challenge: The development and preservation of good health, and the occurrence and	Personalising health and care	H2020-PHC-2014-two-stage	Closed	11-03-2014
Evaluating existing screening and prevention programmes:PHC-06-2014 Specific challenge: Some existing population based screening and disease prevention programmes	Personalising health and care	H2020-PHC-2014-two-stage	Closed	11-03-2014

http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/ftags/international_cooperation.html#c,topics=flags/s/IntlCoop/1/1&+callDeadline/desc



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WEB INT-01-2015

ec.europa.eu/research/participants/portal/.../1067-int-01-2015.html

23 Apr 2015 - date 11-12-2013 Total Call Budget €10,350,000 Programme Horizon 2020 Status Open Main Pillar Societal Challenges OJ reference Topic: Enhancing and focusing research and innovation cooperation with the Union's key international partner countries - proposals targeting Australia, **USA**, Brazil, South Africa, Ukraine INT-01-2015 Please note that this topic is for proposals targeting Australia, **USA**, Brazil,

WEB INT-01-2014

ec.europa.eu/research/participants/portal/.../1065-int-01-2014.html

23 Apr 2015 - type of participants (including their position in the partner's research and innovation system) wishing to engage with European researchers through the Union's funding programmes and their reasons for doing so. In this work programme, the following international partners are: Australia, **USA**, Brazil, Russia, China, South Africa, and also Ukraine. Proposals should be made by consortia consisting

WEB ICT-38-2015

ec.europa.eu/research/participants/portal/.../9093-ict-38-2015.html

23 Apr 2015 - should build upon the achievements by similar past or ongoing projects, in countries/or regions where applicable, while avoiding duplication of that effort in this Call. Targeted high income countries/regions a) Subgroup 1: North America (Canada, **USA**) b) Subgroup 2: East Asia/Oceania (Australia, Japan, Korea, New Zealand, Singapore, Taiwan) It is expected that each targeted area

WEB INT-02-2014

ec.europa.eu/research/participants/portal/.../1066-int-02-2014.html

23 Apr 2015 - read carefully all provisions below before the preparation of your application. 1. List of countries and applicable rules for funding: described in of the General Work Programme, with the following exceptions: For these topics, legal entities established in Russia, China, Australia, **USA** and Brazil will be eligible to receive funding from the Union budget. 2. Eligibility and admissibility conditions

WEB ICT-25-2015

ec.europa.eu/research/participants/portal/.../9088-ict-25-2015.html

23 Apr 2015 - processes and building blocks with potential customers, including tools and methods for metrology and characterisation. This last area is open to international cooperation c Coordination and

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COSME

3rd Health Programme

Consumer Programme

FP7 & CIP Programmes 2007-2013

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ICT 2015 - Information and Communications Technologies

H2020-ICT-2015

Opening Date	15-10-2014	Deadline Date	14-04-2015 17:00:00 (Brussels local time)
Publication date	23-07-2014	Total Call Budget	€561,000,000
Programme	Horizon 2020		
Status	Closed	Main Pillar	Industrial Leadership

Topic: International partnership building and support to dialogues with high income countries **ICT-38-2015**

Topic Description

Topic Conditions & Documents

Submission Service

Specific Challenge: The challenge is to provide for discussions with third countries or provide support to collaboration within the ICT research and innovation domains.

Scope: The twofold target is:

- to support dialogues between the European Commission/the EU and strategic regions,
- and

- to foster cooperation with strategic high income third country organisations in the EU's Framework Programmes (Horizon 2020) and under relevant third country p

Proposals must cover these two aspects which could include in particular:

- the organisation of events synchronised with dialogue meetings[1], providing example on common R&D priorities and future cooperation opportunities, assisting in as increasing their visibility,
- enhance cooperation on ICT policy and regulation through monitoring of the t any other relevant activity,

cooperation (such as BILAT, INCO-NET and ERA-NET Cofund), as well as relevant EU Member State and Associated Countries programmes.

Proposals should build upon the achievements by similar past or ongoing projects, in countries/or regions where applicable, while avoiding duplication of that effort in this Call.

Targeted high income countries/regions

- Subgroup 1: North America (Canada, USA)
- Subgroup 2: East Asia/Oceania (Australia, Japan, Korea, New Zealand, Singapore, Taiwan)

It is expected that each targeted area will be covered by one or two projects, and that duplication of effort in an area is avoided (i.e., if more than one proposal / area should be retained, preference will be given to proposals with different and/or additional country(ies) coverage).

Activities under this objective should be covered in balanced partnership with relevant and highly qualified third country organisations, including governmental actors (third country research ministries/agencies), relevant industry associations, and academic partners (research centres/universities).

Measureable performance indicators should be included (e.g. minimum numbers of events to be organised, participants, number of proposals submitted/new consortia created triggered by the events organised, European organisations/individuals supported in accessing third country programmes, etc.).

Enterprise Europe Network (USA)



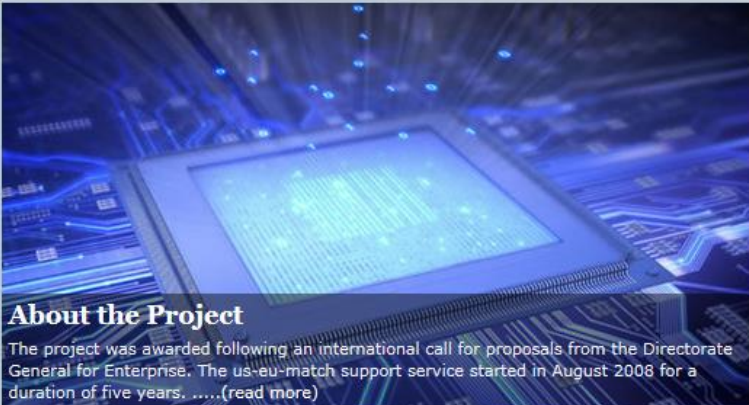





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About the Project

The project was awarded following an international call for proposals from the Directorate General for Enterprise. The us-eu-match support service started in August 2008 for a duration of five years.(read more)

What is US-EU-Match?



About the Project



E-Match Newsletter



Newsletter

Stay informed on our latest news, events, innovation needs, subscribe to our [Newsletter](#).

Calendar

May 2015						
<=	Mon	Tue	Wed	Thu	Fri	Sat
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23	24	25	26	27	28	29
30	31	1	2	3	4	5
6						

<http://www.us-eu-match.com/home.cfm>

us-eu-match - bridge between USA and Europe



Source: <http://www.us-eu-match.com/more.cfm>

us-eu-match brings together business and research organizations from both sides on the Atlantic focussing on

- Business development
- Technology Transfer
- Research activities

us-eu-match provides links between:

- 40 countries
- 600 Technology Transfer / Business
- Cooperation Organizations
- >1,000,000 selected client organizations
- >4,000 Technology Profiles,
- >3,000 Business Profiles
- >5,000 Connections
- >100 Brokerage Events with 9,000 participants and 18,000 b2b meetings /year



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17 December 2014

Signing ceremony of the agreement associating the Faroe Islands to
Horizon 2020

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- **15 April 2015**
May – November 2015 R&I Tour - Where
Europe and China Connect
- **12 April 2015**
Addressing shared challenges through science
diplomacy: the case of the EU –Middle East
Regional Cooperation
- **9 April 2015**
Call for tender for the establishment of a
European Expert Network on International
Cooperation and Development
- **27 March 2015**
First ever EU Research & Innovation Day in
Seoul and meeting with Korean counterparts

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International Research Newsletter

issue 55, April 2015



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News/Events

3 December 2014

BILAT USA 2.0 EU-U.S. Innovation Conference “How to integrate the innovation dimension in the EU-US S&T Agreement?”



ThThe BILAT USA 2.0 project (FP7) is organising the EU-US Innovation Conference on 14 – 15 January in Brussels.

The conference will focus on the question of “How to strengthen the innovation dimension in the future EU-U.S. Science and Technology (S&T) Agreement?”.

Representatives of DG Research and Innovation, representatives of ministries, American counterparts as well as experts from industry will present best-practices of successful innovation cooperation between the EU and the USA, with the aim to gain input and concrete suggestions on how to improve framework conditions for enhanced innovation cooperation.

There will further be a pre-conference workshop entitled “Towards enhanced EU-US innovation collaboration through policy measures” in the morning before the innovation conference.

Framework documents

- Roadmap (2014) 
- Roadmap (2009)  308 KB
- S&T review (2013)  1.2 MB
- S&T review (2009)  1.8 MB
- S&T review (2003)  1.1 MB

Links

- [ERA-WATCH profile of the United States of America](#)
- [National Science Foundation](#)
- [NOAA - National Oceanic and Atmospheric Administration](#)

Contacts

ROADMAP FOR COOPERATION BETWEEN THE USA AND THE EUROPEAN UNION (pp 62)



Brussels, 11.9.2014
SWD(2014) 276 final

COMMISSION STAFF WORKING DOCUMENT

Roadmaps for international cooperation

Accompanying the document

REPORT FROM THE COMMISSION TO THE EUROPEAN PARLIAMENT, THE
COUNCIL, THE EUROPEAN ECONOMIC AND SOCIAL COMMITTEE AND THE
COMMITTEE OF THE REGIONS

Report on the implementation of the strategy for international cooperation in research
and innovation

{COM(2014) 567 final}

http://ec.europa.eu/research/iscp/pdf/policy/annex_roadmaps_sep-2014.pdf#page=61

The USA ... targeted as an important partner for cooperation in the first Horizon 2020 work programme (2014-15), with topics encouraging cooperation with USA researchers included in areas such as **marine and arctic research** (...), **health research**, **transport** (incl. Aeronautics), **materials research**, **raw materials**, **ICT**, **energy research** and **security research**.

Further Information

Horizon 2020 Webpage (EC)

<http://ec.europa.eu/programmes/horizon2020/>

Reference documents (e.g. Annotated GA)

http://ec.europa.eu/research/participants/portal/desktop/en/funding/reference_docs.html

Participant Portal

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

IPR Helpdesk

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

Factsheet Horizon 2020 budget

http://ec.europa.eu/research/horizon2020/pdf/press/fact_sheet_on_horizon2020_budget.pdf

Fact sheet: International Participation in Horizon 2020

http://ec.europa.eu/research/horizon2020/pdf/press/fact_sheet_on_international_participation_in_horizon_2020.pdf

Factsheet on Industrial participation

http://ec.europa.eu/research/horizon2020/pdf/press/fact_sheet_on_industrial_participation_in_h2020.pdf

Fast Track to innovation

- 1) <http://www.horizont2020.de/einstieg-fti.htm>
- 2) <https://ec.europa.eu/programmes/horizon2020/en/h2020-section/fast-track-innovation-pilot-2015-2016>
- 3) <https://ec.europa.eu/programmes/horizon2020/en/news/fast-track-innovation-pilot-2015-2016>
- 4) http://ec.europa.eu/research/participants/portal/doc/call/h2020/h2020-ftipilot-2015-1/1637605-faq_december_2014_fti_pilot_allfinal_en.doc

SME Instrument

- 1) <https://ec.europa.eu/digital-agenda/en/sme-instrument-0>
- 2) <https://ec.europa.eu/programmes/horizon2020/en/h2020-section/sme-instrument>
- 3) <http://ec.europa.eu/research/sme-techweb/pdf/SME%20Instrument%20in%20WP%202014-2015.pdf>

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BILAT USA has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement No 312081.

The information in this presentation is rightly without obligation and has no right of completeness

LIST OF TOPICS ENCOURAGING COOPERATION WITH USA IN HORIZON2020 WORK PROGRAMME 2014-15

Marine & Arctic Research

Identifier	Short title	Indicative budget (EUR million)
SFS 10 (Challenge 2)	Tackling disease related challenges and threats faced by European farmed aquatic animals	-
BG 1 (Challenge 2)	Improving the preservation and sustainable exploitation of Atlantic marine Ecosystems	20.00
BG 7 (Challenge 2)	Response capacities to oil spills and marine pollutions	6.00

Source: SWD(2014) 276 final; COMMISSION STAFF WORKING DOCUMENT -Roadmaps for international cooperation

Health Research

Identifier	Short title	Indicative budget (EUR million)
PHC 33 (Challenge 1)	New approaches to improve predictive human safety testing	30.00

Source: SWD(2014) 276 final; COMMISSION STAFF WORKING DOCUMENT -Roadmaps for international cooperation

Materials research / Critical Raw Materials:

Identifier	Short title	Indicative budget (EUR million)
NMP 23 (LEIT-NMP)	Novel materials by design for substituting critical elements	-
NMP 30 (LEIT-NMP)	Next generation of tools for risk governance of Nanomaterials	-
SC5 13 (Challenge 5)	Strategic international dialogues and cooperation with raw materials producing countries and industry	8.00

Source: SWD(2014) 276 final; COMMISSION STAFF WORKING DOCUMENT -Roadmaps for international cooperation

Identifier	Short title	Indicative budget (EUR million)
ICT 25 (LEIT-ICT)	Generic micro- and nano-electronic technologies	3.00
ICT 38 (LEIT-ICT)	International partnership building and support to dialogues with high income countries	3.00
FoF 11 (LEIT-NMP)	Flexible production systems based on integrated tools for rapid reconfiguration of machinery and robots	-
FoF 13 (LEIT-NMP)	Re-use and re-manufacturing technologies and equipment for sustainable product life cycle management	-
SFS 16 (Challenge 2)	Tackling malnutrition in the elderly	-
INT 1 (Challenge 6)	Enhancing and focusing research and innovation cooperation with the Union's key international partner countries	1.95
DRS 1 (Challenge 7)	Crisis management topic 1 – potential of current measures and technologies to extreme weather and climate events	

Source: SWD(2014) 276 final; COMMISSION STAFF WORKING DOCUMENT -Roadmaps for international cooperation

Other activities

Identifier	Short title	Indicative budget (EUR million)
DRS 3 (Challenge 7)	Crisis management topic 3 – demonstration activity on large scale disasters' governance and resilience of EU external assets against major identified threats or causes of crisis	
FCT 16 (Challenge 7)	Ethical/Societal dimension topic 4 – understanding the underlying social, psychological and economic aspects of the genesis, methods and motivation of organised crime (including cyber related offenses)	
BES 8 (Challenge 7)	Supply chain security topic 1 – development of an enhanced non-intrusive (stand-off) scanner	
ISSI 5 (Science with and for society)	Supporting structural change in research organisations to promote Responsible Research and Innovation	12.00

Source: SWD(2014) 276 final; COMMISSION STAFF WORKING DOCUMENT -Roadmaps for international cooperation