

EaP PLUS

Eastern Partnership +



Introduction to Horizon 2020

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*EaP PLUS Information Day
Odessa, 22 May 2019*



EaP PLUS: multi-level support actions

- 3 year long **Coordination & Support Action** funded from Horizon 2020 and dedicated to the EU – EaP STI cooperation (*Sept 1, 2016 – Aug 31, 2019*)
- Includes partners from all the 6 Eastern Partnership countries and from several EU MS

Objectives:

1. Support to EU-EaP *Policy Dialogue*
2. Foster interaction between EU-EaP researchers & *promote Horizon 2020*
3. Enhance the EU-EaP *research-innovation* partnership

Interaction between EU-EaP researchers & promotion of H2020

- **Grants for EaP researchers** to attend Brokerage Events in EU or preparatory meetings for H2020 (<https://www.eap-plus.eu/>);
- **Info Days and Support to H2020 NCP Networks in all EaP Countries** (training, awareness campaigns for NCPs);
- **Targeted Cooperation with Scientific Diaspora** using input from IncoNet EaP (policies & national databases); organization of 6 Diaspora workshops
- **Development of Webinars** (11 for H2020; 6 for specific innovation related topics)

EaP Plus Grants for Networking

- **Grants support:** Research institutions, SMEs and Industry, Local authorities, Civil Society
- To **attend** either a Brokerage Event or a Preparatory Meeting candidates can apply for one **event scheduled** Oct 2018 – **12 July, 2019**
- **Final deadline** for submissions: **30 May 2019** (unless the available budget is consumed earlier)
- Guidelines for applicants: <https://www.eap-plus.eu/object/call/240>

Planned webinars

- Webinar 10: “From Horizon 2020 to Horizon Europe” (**June 2019**)

RDI Webinars:

- Internationalization of RDI activities - Exploring the models of international innovation partnerships (**June 2019**)
- If you would like to **suggest a webinar topic**, you are welcome to contact us with your questions.

Past webinar presentations and recordings available at:

<https://www.eap-plus.eu/participation-h2020/webinars>



HORIZON 2020



Introduction to H2020

- the biggest EU research and innovation programme
- foreseen for 2014-2020
- almost €80 billion of funding available
- aim: to bring excellent ideas from the lab to the market
- bring together science and industry
- Europe shall produce world class science and technology which drive economic growth

H2020: Who can participate?

countries

MS: EU Member States

AC: countries associated to H2020

TC: third countries

entities

Academic

public or private universities and research institutes

Non-academic

companies (SME, big), local authorities, banks, hospitals, NGOs, etc.

people

researchers (early stage or experienced), technical and managerial staff, business people, etc.



Introduction to H2020

Excellent Science

European Research Council
Future and Emerging Technologies
Marie Skłodowska-Curie Actions
Research Infrastructures

Industrial Leadership

Leadership in enabling and industrial technologies
Access to risk finance
Innovation in SME

Societal Challenges

Health and wellbeing
Food security
Transport
Energy
Climate action
Societies
Security

JRC

EIT

EURATOM

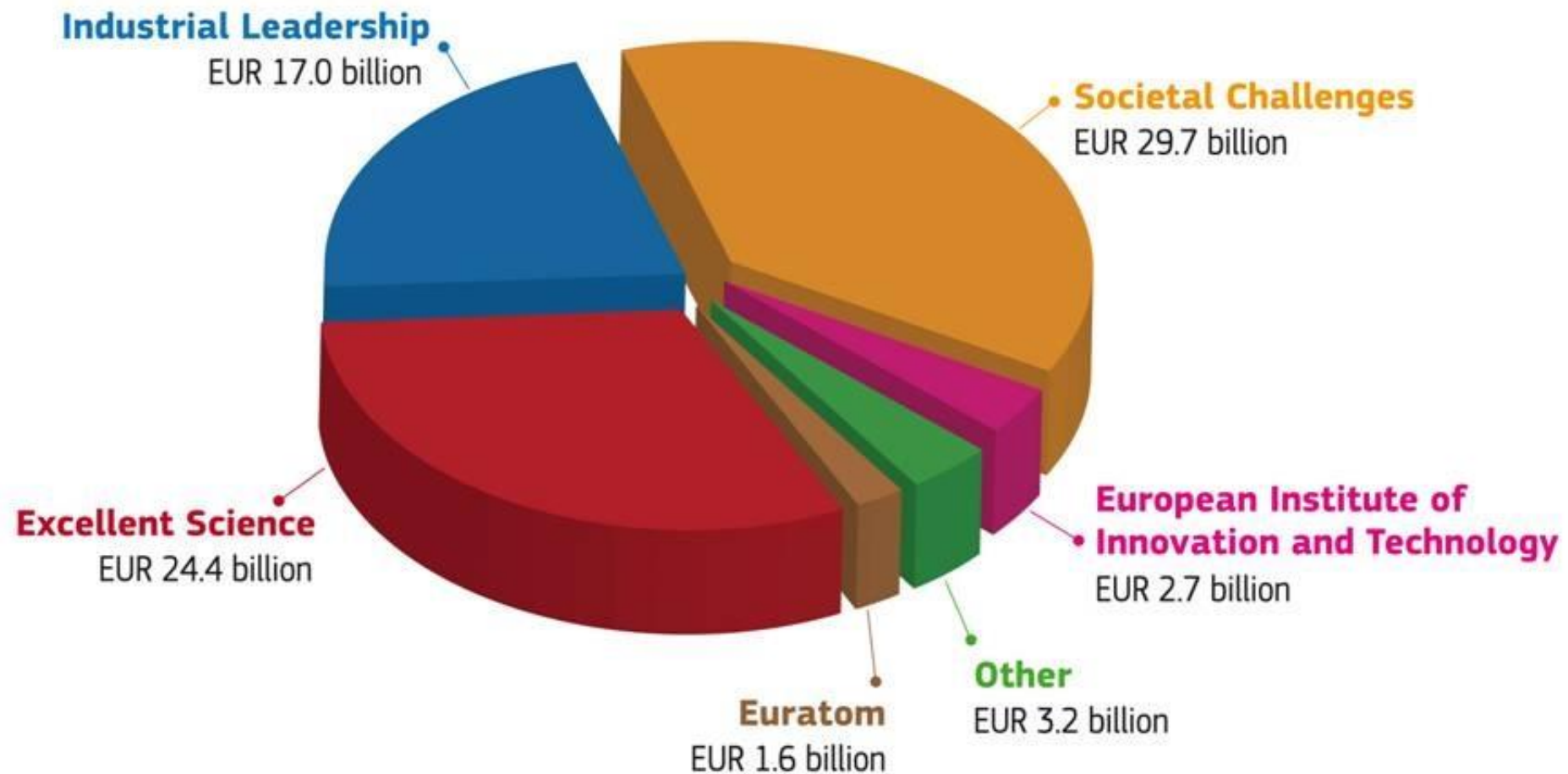
Spreading Excellence and Widening Participation

Science with and for Society



H2020: budget

HORIZON 2020 BUDGET (EUR 78.6 billion, current prices)



H2020: Excellent Science

AIM:

to reinforce and extend the excellence of the Union's science base and to consolidate the ERA in order to make the Union's research and innovation system more competitive on a global scale.

Why?

- world class science is the foundation of tomorrow's technologies, jobs and wellbeing
- Europe needs to develop, attract and retain research talent
- researchers need access to the best infrastructures

H2020: Excellent Science

European Research Council (ERC)

attractive and flexible funding for talented and creative individual researchers and their teams to pursue the most promising avenues at the frontier of science;

Future and Emerging Technologies (FET)

collaborative research in order to extend Europe's capacity for advanced and paradigm-changing innovation

Marie Skłodowska-Curie Actions (MSCA)

excellent and innovative research training as well as attractive career and knowledge-exchange opportunities through cross-border and cross-sector mobility of researchers

Research Infrastructures

develop European research infrastructures, foster their innovation potential and human capital, and complement this with the related Union policy and international cooperation

H2020: Industrial Leadership

AIM:

to to speed up development of the technologies and innovations that will underpin tomorrow's businesses and help innovative European SMEs to grow into world-leading companies.

Why?

- strategic investments in key technologies (e.g. advanced manufacturing, micro-electronics) underpin innovation across existing and emerging sectors
- Europe needs to attract more private investment in research and innovation
- Europe needs more innovative small and medium-sized enterprises (SMEs) to create growth and jobs

H2020: Industrial Leadership

Leadership in enabling and industrial technologies (LEITs)

dedicated support for research, development and demonstration (ICT, nanotechnologies, materials, biotechnology, manufacturing, space)

Access to risk finance

leverage private finance and venture capital for research and innovation

Innovation in SMEs

SME-tailored support to stimulate all forms of innovation in SMEs, targeting those with the potential to grow and internationalise across the single market and beyond

H2020: Societal Challenges

AIM:

to reflect the policy priorities of the Europe 2020 strategy and addresses major concerns shared by citizens in Europe and elsewhere. A challenge-based approach will bring together resources and knowledge across different fields, technologies and disciplines at all stages of research and innovation

Why?

- concerns of citizens and society/EU policy objectives (climate, environment, energy, transport, etc) cannot be achieved without innovation
- breakthrough solutions come from multi-disciplinary collaborations, including social sciences and humanities
- promising solutions need to be tested, demonstrated and scaled up

H2020: Societal Challenges

Funding focuses on the following 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
- Smart, green and integrated transport
- Climate action, environment, resource efficiency and raw materials
- Europe in a changing world - inclusive, innovative and reflective societies
- Secure societies - protecting freedom and security of Europe and its citizens

H2020: basic types of funding

Research and Innovation Action (RIA)

funding: **100%**

collaborative research projects that aim to establish a new knowledge and/or to explore the feasibility of a new improved technology, product, process or solution

Innovation Action (RIA)

funding: **70%**, for non-profit entities: **100%**

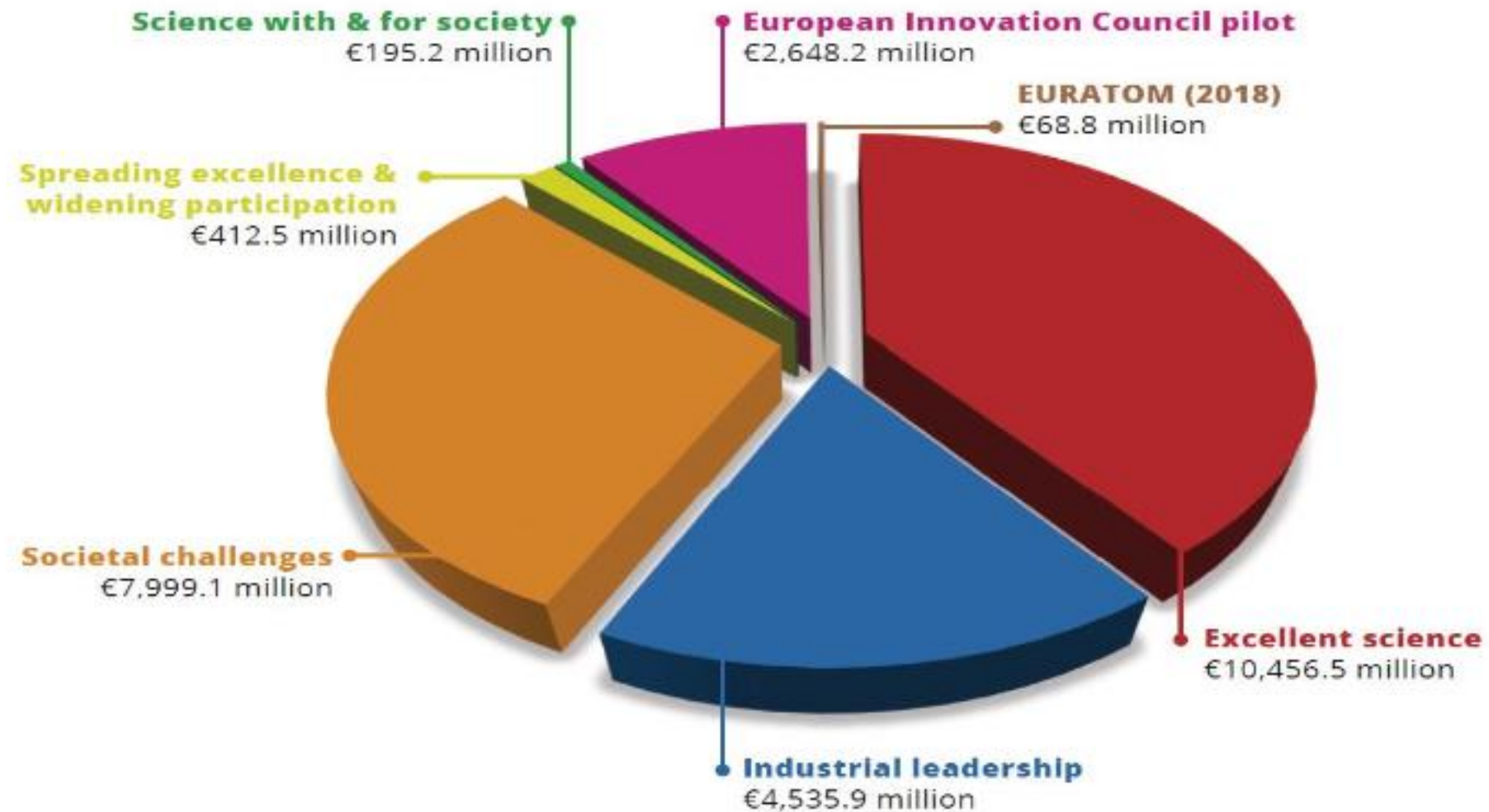
activities directly aimed at producing plans and arrangements or designs for new, altered or improved products, processes or services, including prototyping, testing, demonstrating, piloting, large-scale product validation and market replication.

Coordination and Support Action (CSA)

funding: **100%**

action consisting primarily of accompanying measures such as dissemination, awareness-raising and communication, networking, coordination or support services, policy dialogues and mutual learning exercises and studies, including design studies for new infrastructure.

H2020 – 2018-2020 calls



Excellent Science

H2020 – 2018-2020 calls

MSCA

Calls 2019/2020:

IF-2019

11.04.2019 - 11.09.2019

COFUND-2019

04.04.2019 - 26.09.2019

ITN- 2020

12.10.2019 - 09.01.2020

RISE-2020

05.12.2019 - 07.04.2020

IF-2020:

08.04.2020 - 09.09.2020

COFUND-2020:

08.04.2020 - 29.09.2020

ERC

Calls 2019/2020:

AdG 2019

21.05.2019 – 29.08.2019

StG 2020

17.07.2019 – 16.10.2019

CoG 2020

24.10.2019 – 04.02.2020

SyG 2020

14.05.2020 – 26.08.2020

AdG 2020

18.07.2019 – 05.11.2019

FET

Calls 2020:

FET Open

18/09/19 and 13/05/20

FET Innovation Launchpad

8/10/19 and 14/10/20

FET Proactive

19/11/19 – 22/04/20

FET Flagship

9/7/19 – 13/11/19

Infrastructures

Calls 2020:

INFRAEDI

09.07.2019 – 09.10.2019

INFRAIA / INFRAINNOV / INFRA SUPP

28.11.2019 – 17.03.2020

IFRAEOSC

19.11.2019 – 21.04.2020



H2020 – 2018-2020 calls

Industrial Leadership

ICT

Calls 2020:

09.07.2019 – 16.01.2020
19.11.2019 – 22.04.2020

NMBP

Calls 2019 /2020:

Jun/Jul 2019 – May 2020 (I)
Jun/Jul 2019 – Dec 2019 (II)

SPACE

Calls 2020:

Nov 2019 – March 2020

Societal Challenges

Calls 2020:

autumn 2019 – early spring 2020



NCP networks assistance



Net4 Society



Net4 Mobility





Net4Mobility+ aims at the strengthening the MSCA NCPs professionalism in order to support researchers and institutions in project preparation and implementation

Information for you



- MSCA Leaflets
- Success Stories
- Social Media

Follow us!

www.net4mobilityplus.eu



For your MSCA project submission

- Expression of Interest
- MSCA Practical Guides
- Webinars
- FAQ Blog



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www.eap-plus.eu

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