SRA International annual meeting 2014
San Diego

European Funding Opportunities for US and International Researchers

Learning Objectives:
Identify European funding possibilities
Familiar with terms and conditions for participating
Know the logistics involved in applying

CBS COPENHAGEN BUSINESS SCHOOL
HANDELSHØJSKOLEN

EFMD EQUIS ACCREDITED
Accredited by Association of MBAs
AACSB ACCREDITED
CEMS
PIM

Annedorte Vad

Manager CBS Research Support Office

- Background in Humanities
- 1995 I started my career in Research Management and Research Administration at University of Copenhagen
- Research Advisor in the Ministry of Science 2002-2007;
  National Contact Point for the Commission on FP6, FP7 and other EU funding programmes
- Head hunted by CBS to build a central Research Support Office 2007
- Manager for the Research Support Office team 2014

Lise Vinkel

Senior Research Adviser, Policy Adviser ,Copenhagen Business School

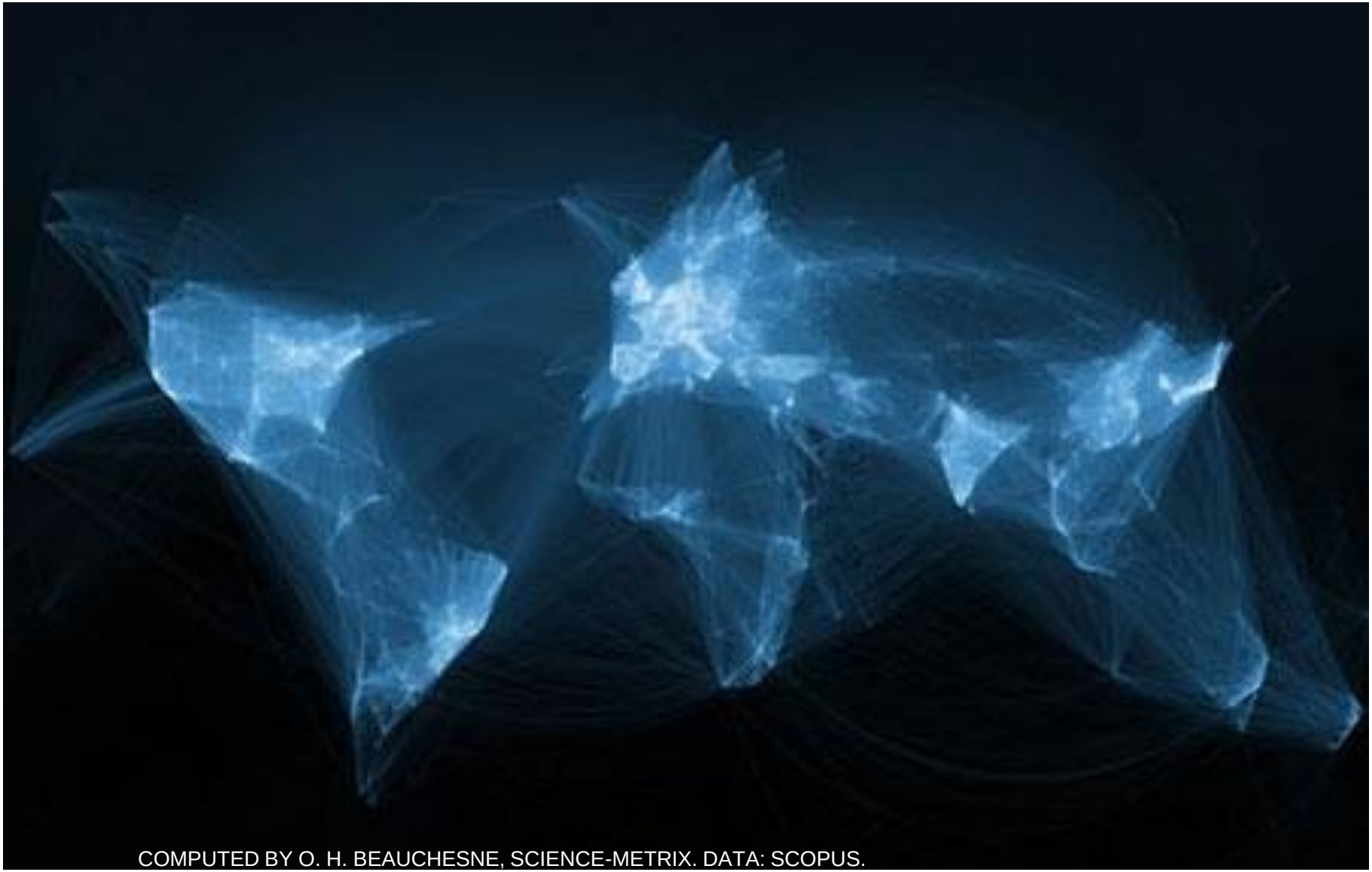
- Educational background in Political economy (DK /US)
- Former experience as fundraiser in multinational biotech organisation
- 16 years experience with EU programmes

Agenda

- Introduction to The European Research Area – ERA
- Overview of Horizon 2020
- Examples of the How to read:
    - H2020 Workprogrammes
    - H2020 call text
- Funding rules
- Registration and participation
- Templates
- Evaluation criteria
- Support offices

European Research Area (ERA)

European Research Area
- and global research collaboration



What *does the EU expect*

EU expects:

- New knowledge or technology – "beyond state-of-the-art"
- Public private-cooperation
- Project results that support EU policy
- Trans-disciplinary projects with focus on the end-user

EU funds:

- Small scale projetcs
- Large scale pan European research projects
- Individual grants to excellent researchers
- Mobility grants to young and to experienced researchers

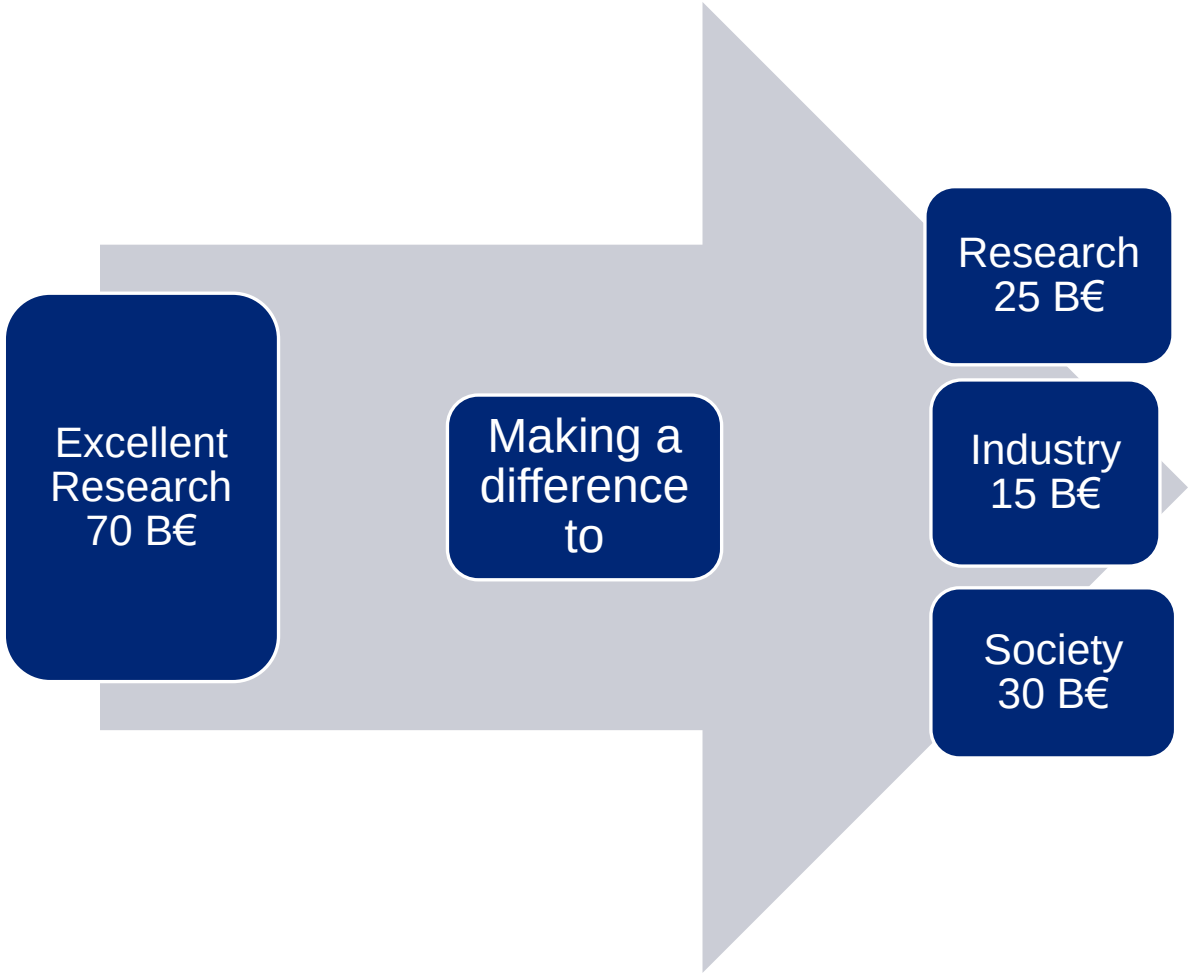
The European Research Funding Programme

H2020 is

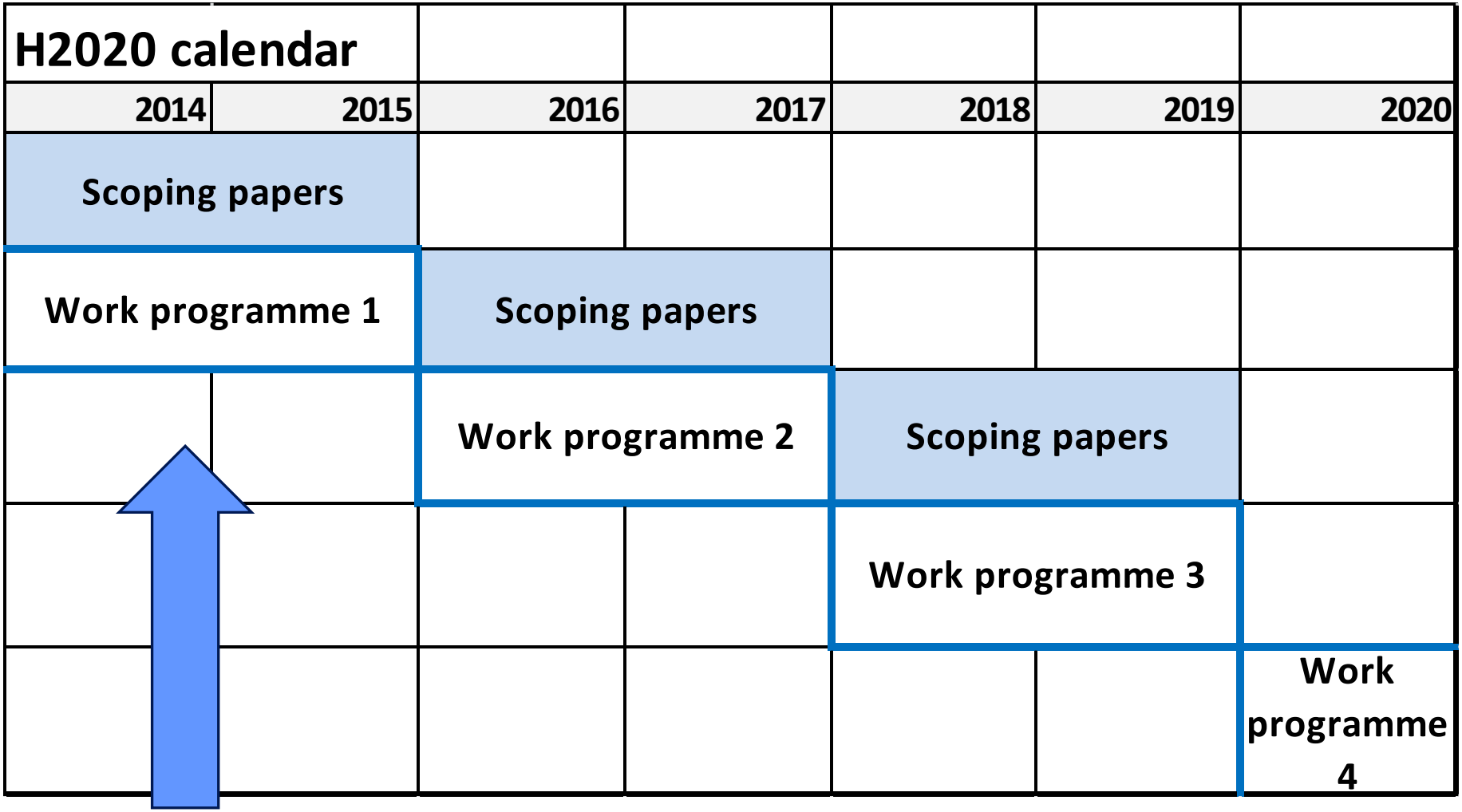
- One single programme
- Coupling research to innovation,
  the full value chain from research to retail, and all forms of innovation.
- Focus on societal challenges,
  facing society, e.g. food security, clean energy and health issues.
- Simplified access,
  for all companies, universities, institutions in all EU countries and beyond.

Basic logic of H2020

Excellence = Impact



Horizon 2020 calendar



H2020 elements

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EXCELLENT SCIENCE

- European Research Council ERC
- Future and Emerging Technologies FET
- Marie Curie actions
- Research Infrastructures

32%

INDUSTRIAL LEADERSHIP

- Leadership in enabling and industrial technologies
- Access to risk finance
- Innovation in SMEs

22%

SOCIETAL CHALLENGES

- Health, demographic change and well-being
- Food security, sustainable agriculture, marine and water research
- Secure, clean and efficient energy
- Smart, green and integrated transport
- Climate action, resource efficiency and (...)
- Inclusive, innovative and reflective societies
- Secure Societies – Protectig freedom and security of Europe and its citizens

39%

Total budget
€70 billion
= 88,5 billion $

Other programmes 7%

Societal challenges, pillar 3

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SOCIETAL CHALLENGES

Health, demographic change and well-being

Food security, sustainable agriculture forestry, maritime and water research

Secure, clean and efficient energy

Smart, green and integrated transport

Climate action, resource efficiency, raw mat.

Inclusive, innovative and reflective societies

Secure Societies – Protecting freedom and security of Europe and its citizens

Excellent science, pillar 1

EXCELLENT SCIENCE

European Research Council ERC

Future and Emerging Technologies FET

Marie Curie actions

Research Infrastructures

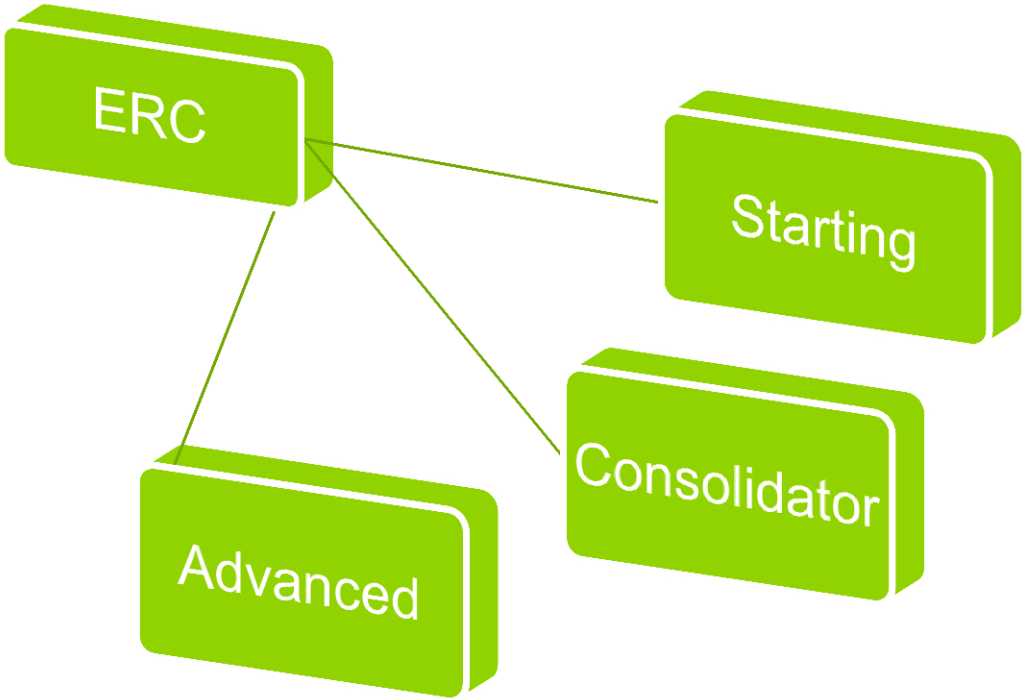
Excellent Science - ERC

European Research Council ERC

Future and Emerging Technologies

Marie Sklodowska-Curie actions

Research Infrastructures



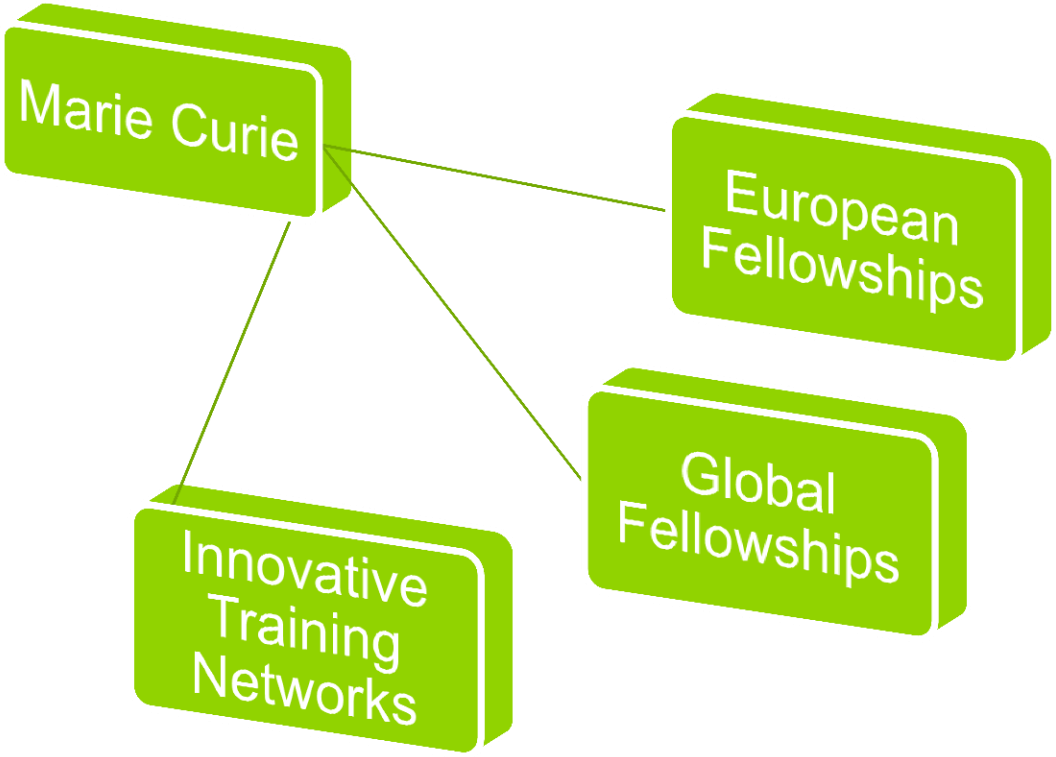
Excellent Science – Marie Curie fellowships

European Research Council ERC

Future and Emerging Technologies

Marie Sklodowska-Curie actions

Research Infrastructures

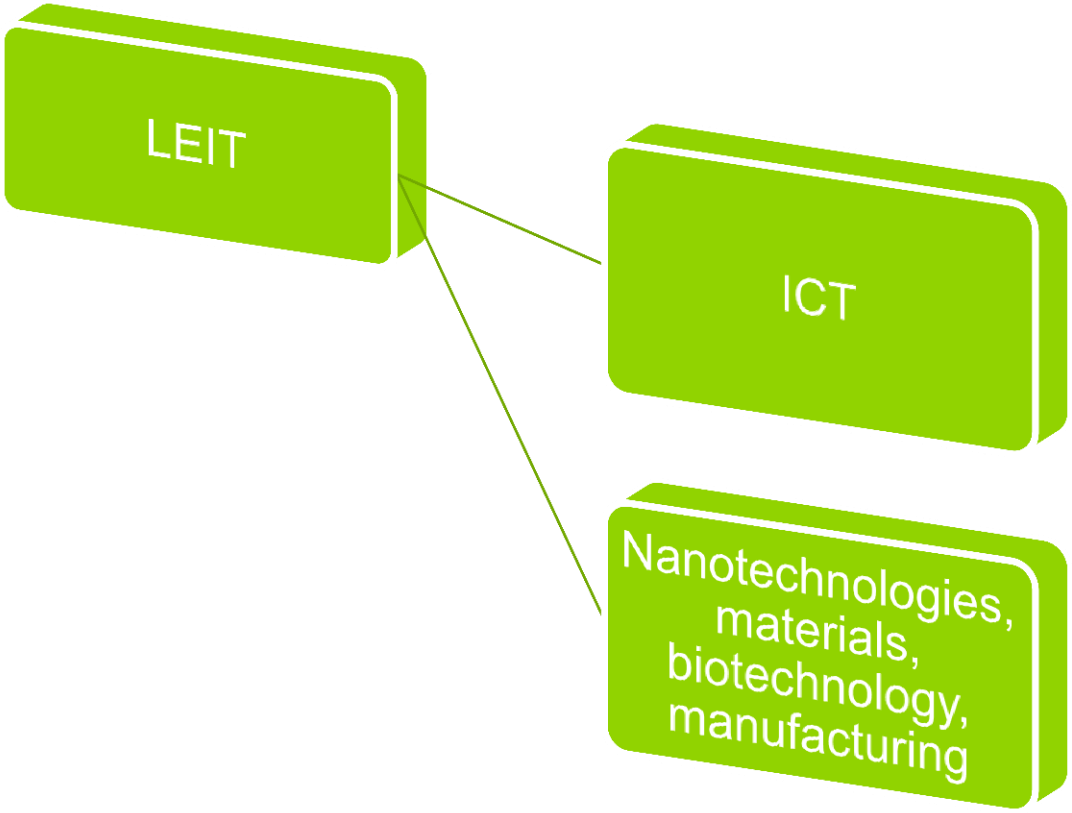


Industrial leadership, pillar 2

Leadership in enabling and industrial technologies

Access to risk finance

Innovation in SMEs



Understand a Work Programme

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EN

HORIZON 20

WORK PROGRAMME

8. Health, demographic chan

Revised

This Work Programme was adopted on 10 Decem
(topics, dates, budget) have, with this revised
relating to this revised part are explained on the P

(European Commission Decision C (2

HORIZ
He

Introduction

The Horizon 2020 societal challenge of 'health, demo for the years 2014 and 2015 includes 34 topics in the area call (15 in 2014 only, 17 in 2015 only and 2 whic in the 'co-ordination activities' call (11 in 2014 and 5 support the implementation of the challenge are a competitive calls for proposals. The total budget availa

The choice to focus on personalising health and ca European population, an increasing communicable a and the fall-out from the economic crisis. In combina sustainability and equity of European health and ca spends nearly 10% GDP.

The personalising health and care call aims to creat research and radical innovation in response to these ch of findings into the clinic and other health and care reduce health inequalities and to promote active and he

Topics in the call are divided into 7 areas which re integrated approach to the challenge, providing suppor as well as to shorter term innovation activities. Topics i and 'improved health information and data exploitati support to topics in the areas of 'prevention…', 'diagno and healthy ageing' and 'delivering integrated, sustaina

Taken together, work to be supported by these topics causes and mechanisms underlying health, healthy age monitor health and to prevent, detect, treat and man remain active and healthy; and test and demonstrate ne delivery. In doing so, support will be provided to including significant, tailored support to small and m through topic PHC 12 which makes use of the new SM

Societal challenge 1 is also implemented by the cont activities not included in this work programme, the inn European and developing countries clinical trials part

[1] http://www.imi.europa.eu/content/documents#horizon_2020

[2] http://www.edctp.org/Towards_EDCTP2.799.0.html

PHC 33 – 2015: New approaches to improve predictive human safety testing

Specific challenge: Current approaches assessing the safety of chemical substances in humans are expensive and time consuming, and may be of limited relevance as a predictor of adverse effects. Better approaches are needed both to improve the efficiency of predictive toxicological testing to address key areas of concern for human health and to meet regulatory requirements (e.g. EU legislations on REACH, cosmetics, biocides). Safety testing is of worldwide concern and therefore international cooperation may be an important element in addressing the challenge.

Scope: Proposals should capitalise on advances in all relevant fields of science to understand complex biological pathways of toxicological relevance and to identify early markers predictive of toxicological effects in humans with the objectives of developing and validating routine, non-animal approaches for toxicity testing of chemical substances (excluding radio-chemicals). The research may include the development of methodologies for confirmatory testing of mechanistic hypotheses to improve understanding of toxicity mechanisms.

Proposals should involve, amongst others, research communities, SMEs, industry and regulatory agencies as appropriate. Proposals should demonstrate efficient mechanisms for the co-ordination of activities and exchange of information, and should include a timeline for delivery of test methods.

In line with the Union's strategy for international cooperation[19] in research and innovation, cooperation is encouraged with similar initiatives in the USA and elsewhere, and would be highly beneficial from scientific and economic standpoints.

Proposals could consider the involvement of the European Commission Joint Research Centre (JRC) as an added value in order to provide an effective interface between the research activities and regulatory aspects and/or to translate the research results into validated test methods and strategies fit for regulatory purpose. In that respect, the JRC will collaborate with any successful proposal.

Applicants are encouraged to seek during the life-time of the project additional support from various sectors in order to facilitate translational aspects.

The Commission considers that proposals requesting a contribution from the EU of between EUR 10 and 30 million would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

[19] COM(2012)497

”Introduction” – an important source of information.

Introduction

The Horizon 2020 societal challenge of ‘health, demographic change and wellbeing’ (SC1) for the years 2014 and 2015 includes 34 topics in the ‘personalising health and care’ focus area call (15 in 2014 only,

17 in 2015 only and 2 which are open in both years) and 16 topics in the ‘co-ordination activities’ call (11 in 2014 and 5 in 2015). 8 other actions designed to support the implementation of the challenge are also included and are not subject to competitive calls for proposals. The total budget available is approximately EUR 1.21bn.

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Introduction

The Horizon 2020 societal challenge of ‘health, demographic change and wellbeing’ (SC1) for the years 2014 and 2015 includes **34 topics in the ‘personalising health and care’ focus area call (15 in 2014 only, 17 in 2015 only and 2 which are open in both years)** and 16 topics in the ‘co-ordination activities’ call (11 in 2014 and 5 in 2015). 8 other actions designed to support the implementation of the challenge are also included and are not subject to competitive calls for proposals. **The total budget available is approximately EUR 1.21bn.**

”Introduction” – an important source of information.

The choice to **focus on personalising health and care** is informed by the **ageing of the European population**, an **increasing communicable and non-communicable disease burden** and the fall-out from the **economic crisis**. In **combination**, these factors are jeopardising the **sustainability and equity** of European health and care systems, on which Europe already spends nearly 10% GDP.

”Introduction” – an important source of information.

The personalising health and care call aims to create opportunities for **real breakthrough research and radical innovation** in response to these challenges, by supporting the **translation of findings into the clinic and other health and care settings** to **improve** health outcomes, **reduce** health inequalities and to **promote** active and healthy ageing.

Topics in the call are divided into **7 areas** which reflect the need for a **translational** and **integrated** approach to the challenge, providing support both to **longer and mid-term research** as well as to **shorter** term **innovation activities**

The call text
The specific challenge

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PHC 33 – 2015: New approaches to improve predictive human safety testing

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The call text
Scope

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The call text
Scope (2)

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The call text
Expected impact

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Expected impact:

- More effective, faster, cheaper toxicological testing to better predict human risk and meet regulatory needs.
- Improved toxicological knowledge to encourage ‘read across’ between chemical substances for use in different research and regulatory domains.
- Commercial exploitation of the developed toxicological testing methods and assessment approaches, products and services.
- Advancement of international co-operation in the field of predictive toxicology and human safety testing.
- Reduced use of laboratory animals in safety testing.

Form of funding: Research and innovation actions

H2020 Funding for Internationals

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EXCELLENT SCIENCE

- European Research Council
- Future and Emerging Technologies
- Marie Sklodowska-Curie actions
- Research Infrastructures

Move to/from Europe

INDUSTRIAL LEADERSHIP

- Leadership in enabling and industrial technologies
- Access to risk finance
- Innovation in SMEs

Collaborate with Europe

SOCIETAL CHALLENGES

- Health, demographic change and well-being
- Food security, sustainable agriculture and forestry, marine and maritime and inland water research
- Secure, clean and efficient energy
- Smart, green and integrated transport
- Climate action, resource efficiency and (…)
- Inclusive, innovative and reflective societies
- Secure Societies – Protectig freedom and security of Europe and its citizens

Rules of participation

Minimum Conditions must always be met

For actions aimed at individuals

(like European Research Council or Marie Curie actions) participants from any country in the world can be funded. Host institution must be placed in the European Research Area and the mobility criteria of the researcher must be met

- 1 researcher
- 1 host institution
- 1 project

For standard (collaborative) research projects

- 3 participants from different Member States or Associated Countries
- In *addition*, participants from any other country in the world can also be included

Participation open to all

Applicants from all countries are eligible to take part in Horizon 2020 programmes, even as a coordinator

In short everybody can participate – but not all will be funded

Applicants automatically eligible for funding:

- *EU Member States and the Overseas Countries and Territories linked to Member States*
- *Countries associated to Horizon 2020*
- *Low or medium per-capita income or low GDP**
- *International European interest organisations*

Funding for applicants that are not automatically eligible possible if:

- *stated in the Work Programme*
- *provided for under a bilateral scientific and technological agreement*
- *exceptionally, when the Commission deems participation of entity essential*

How to participate

Create your personal account (ECAS account)
Register your organisation
Find a call
Find partners
Submit a proposal
Find documents

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

Register your organisation

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The ECAS Prerequisite
(the European Commission's user Authentication Service):

- ECAS enables authorised users to log in to a wide range of Commission information systems, using a single username and password
- You must have an ECAS account to be able to start the initial registration procedure
- A LEAR (Legal Entity Appointed Representative) must have an ECAS account in order to manage organisation data.

Register your organisation
To participate in H2020 you need a PIC (Participant Identification Code). You get this by registering your organisation with the Commission (this is only needed to do once)

http://ec.europa.eu/research/participants/docs/h2020-funding-guide/grants/applying-for-funding/register-an-organisation_en.htm

How to find a call

The participant portal is your entry to **all** the information you need
http://ec.europa.eu/research/participants/portal/desktop/en/home.html

Relevant documents

- Call for proposal
- Work Programmes
- Annexes
- Proposal template (mandatory)

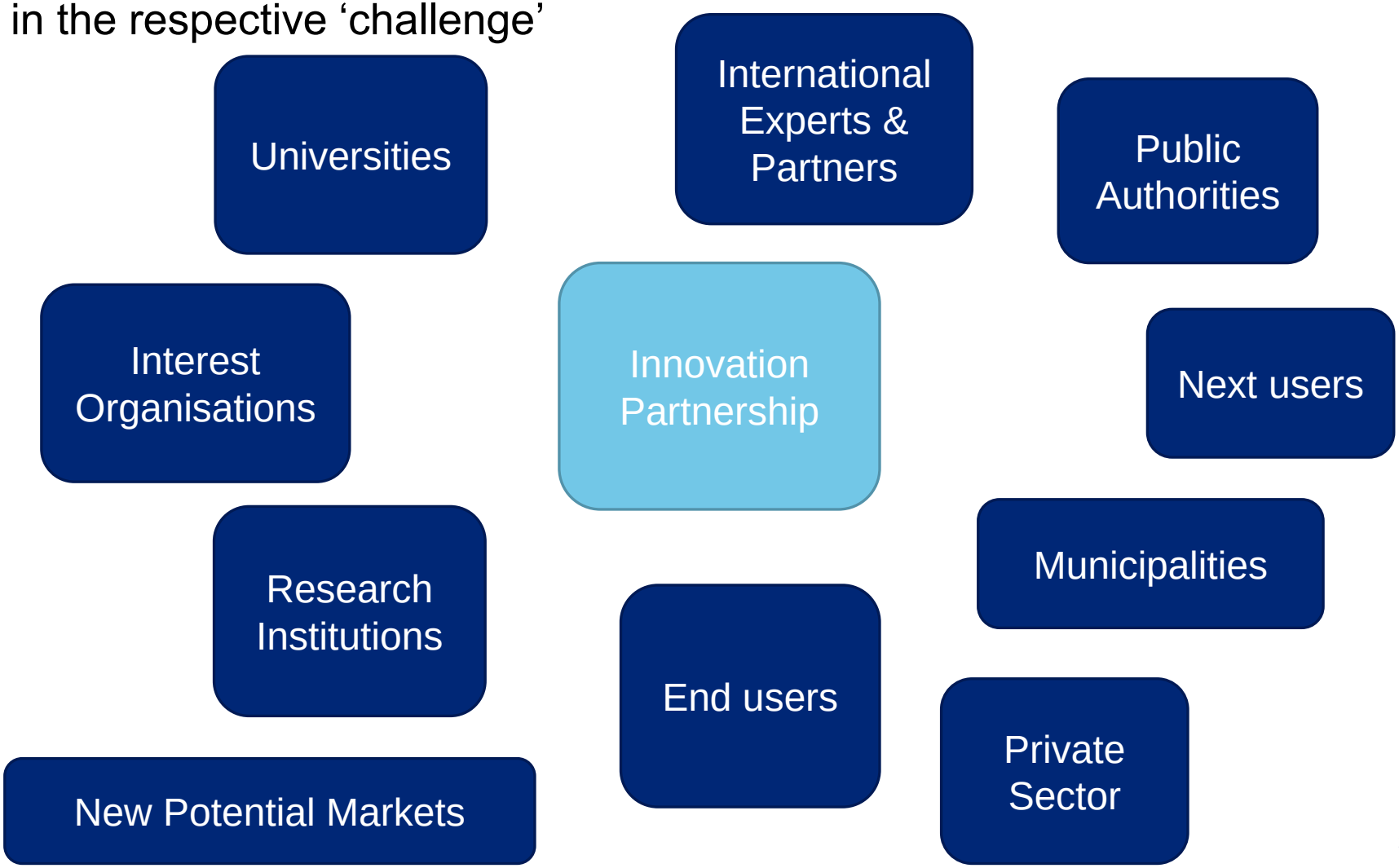
Information

- Manuals
- Registration of beneficiaries
- Reference documents
- Financial viability self check

Login for project participants

Innovation Partnership

The specific composition of individual partnerships is thoroughly described in the respective ‘challenge’



Find partners

Always use your own network first – followed by using your network's network
…. and then use the *Partner Search* databases if you still need one or two partners

If you are not yet networked into the ERA, you could consider making a profile with your *Partner Offer* (description of your expertise and interests) in one of the online databases

CORDIS Partner Service
one of the largest databases of partner profiles (self-registered profiles)

Idealist Partner Search
Developed by the ICT NCPs network, but the partner profiles are not limited only to ICT. The service includes advice on creating your profile by your local NCP and there is a quality control of all the published data.

Partner Search of Nanosciences and nanotechnologies, Materials and new Production technologies (NMP)
The NMP TeAm Partner Search Facility has been established by the network on NMP NCPs in order to offer best support to its clients. This web service is strictly focused on the open calls for proposals of the key enabling technologies in the NMP area

Fit for Health
Developed by the Fit for Health network in close cooperation with the Health-NCPs. The quality checked database contains expertise profiles of researchers and SMEs acting in the Health / Life sciences sector. The service includes partner search activities advice on all aspects related to a research project, starting with help in first orientation and strategy development to proposal preparation, implementation, exploitation and promotion.

IMI Partner Search
Recent partner search service provided by the Innovative Medicines Initiative Joint Undertaking (IMI JU) for organisations interested in the development of new medicines. IMI supports collaborative research projects and builds networks of industrial and academic experts to boost pharmaceutical innovation. There are also opportunities for SMEs, such as innovative biotech enterprises.

Enterprise Europe Network Cooperation Opportunities Database
The Enterprise Europe Network (EEN) publishes an extensive number of innovation and technology profiles from international companies and research organisations to help identify suitable partners for bilateral business, innovation and technology cooperation.

Proposal

The proposal consist of

Part A (Online forms)

- Administrative and factual information
- Contains a project summary
- Budget and ethics

Part B (Prose in a fixed structure (templates!)

- Excellence
- Impact
- Implementation
- + sections on ethics issues, gender and in some cases security aspects

Evaluation Criteria

Projects are evaluated on 3 criteria. The weight of each criteria varies from one type of projects to another

Excellence (up to 5 points)
Is the proposed project innovative and of high scientific quality? (objectives, approach, transdisciplinarity, level of ambitions etc.)

Impact (up to 5 points)
What is the expected contribution of the project? Scientific/innovative quality and impact for the EU (and internationally)

Quality and efficiency of the implementation (up to 5 points)
The coherence of the project, feasibility, collaboration between the project partners, management structure

National Contact Points

Help is at hand. The National Contact Points (NCPs) is the main structure to provide guidance, practical information and assistance on all aspects of participation in Horizon 2020.

NCPs are financed by governments and free of charge. Setup vary from one country to another from highly centralised to decentralised networks, and a number of very different actors, from ministries to universities, research centres and special agencies to private consulting companies. NCPs are also establised in many "third countries"

In general the NCPs offer the following basic services

- Guidance on choosing relevant H2020 topics and types of action
- Advice on administrative procedures and contractual issues
- Training and assistance on proposal writing
- Distribution of documentation (forms, guidelines, manuals etc.)
- Assistance in partner search

National Contact Points in International Partner Countries

Thank you

Feel free to contact us

Lise Vinkel
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Copenhagen Business School
Denmark

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E-mail lvc.research@cbs.dk

Thank you to DARMA for travel support

Danish Association for Research Managers and Administrators

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