



HORIZON 2020

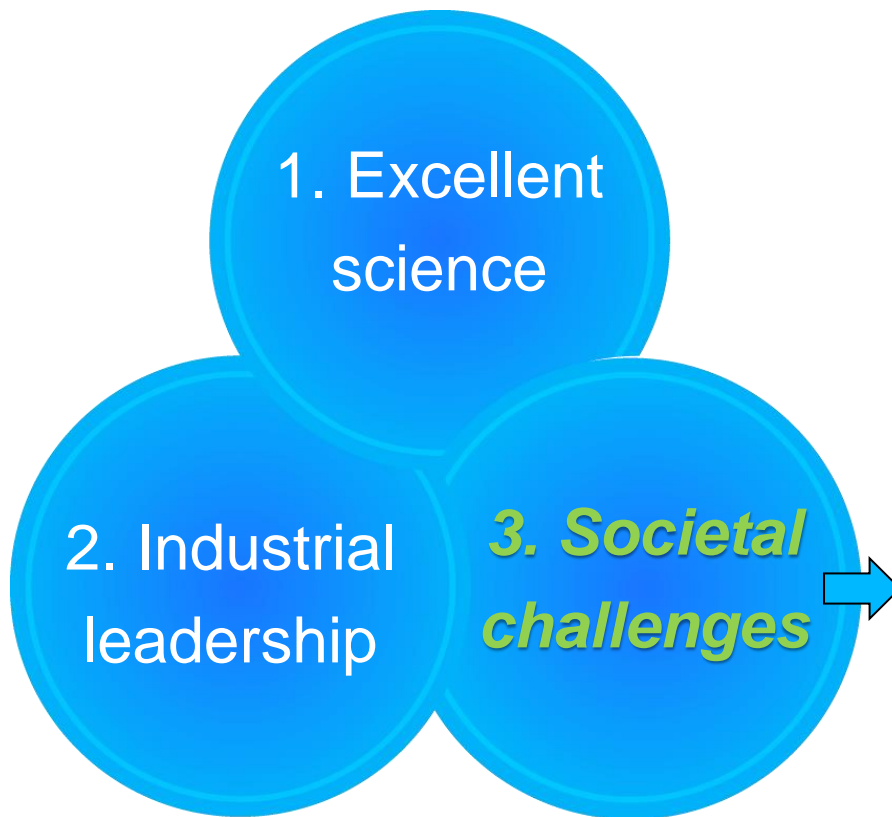
Societal Challenge 2: Food security, sustainable agriculture and forestry, marine and inland water research and the bioeconomy

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Horizon 2020: 3 Priorities



1. Health, demographic change and wellbeing
2. Food security, sustainable agriculture <u>and forestry</u> , marine and maritime <u>and inland water</u> research and the bioeconomy 3.851 billion euros 2014-2020
3. Secure, clean and efficient energy
4. Smart, green and integrated transport
5. Climate action, resource efficiency and raw materials
6. Inclusive, innovative and reflective societies
7. Secure societies

Strategic Programming: Development of Focus Areas

SPECIFIC PROGRAMME

2.1 Sustainable Agriculture and Forestry

2.1 Sustainable and Competitive agri-food sector for a safe and healthy diet

2.3 Unlocking the potential of aquatic living resources

2.4 Sustainable and competitive bio-based industries

2.5 Cross-cutting marine and maritime research

Strategic Programming

WORK PROGRAMME 2014-2015: 3 Calls

Focus Area
Sustainable Food Security
(SFS)

Focus Area
Blue Growth
(BG)

Innovative, Sustainable
and Inclusive Bioeconomy
(ISIB)

FA Waste, FA Water, FA
Personalising Health



- **(Most) topics are framed in a very general way have a large scope. They offer significant opportunities for proposing innovative ideas**
- **Integration of more basic and applied research with a clear remit to "translate" outputs into practice (farming sector, business, policy)**
- **Objectives of topics require participation of several disciplines and sectors**
- **Horizontal issues such as innovation, sustainability, climate, gender are intrinsic to projects and need to be given due consideration**
- **Several topics ask for synergies with EIP: E.g. specific request for so-called "multi-actor approach" or for linking outputs to EIP tools**



SFS - Sustainable food production systems

Topic	2014	2015
SFS-1 Sustainable terrestrial livestock production	X	X
SFS-2 Sustainable crop production	X	X
SFS-3 Practical solutions for native and alien pests affecting plants	X	
SFS-4 Soil quality and function	X	
SFS-5 Strategies for crop productivity, stability and quality		X
SFS-6 Sustainable intensification of agro-food systems in Africa	X	
SFS-7 Genetic resources and agricultural diversity	X	X
SFS-8 Resource-efficient eco-innovative food production, processing	X	X
SFS-9 Towards a gradual elimination of discards in Europ. fisheries	X	
SFS-10 Disease related challenges and threats faced by European farmed aquatic animals	X	X
SFS-11 Eco-system based approach for European aquaculture	X	X



SFS - Global drivers of food security

Topic	2014	2015
SFS-18 Small farms but global markets: Role of small and family farms in food and nutrition security		X
SFS-19 Sustainable food and nutrition security through evidence based EU agro-food policies	X	
SFS-20 Sustainable food chains through public policies: The cases of the EU quality policy and of public sector food procurement		X

How does ISIB fit into H2020? (3)



INNOVATIVE, **S**USTAINABLE AND **I**NCLUSIVE **B**IOECONOMY CALL

ISIB Call

Sustainable Agriculture and Forestry: 4 topics
(3 R&I actions + 1 CSA)

Sustainable and competitive bio-based industries: 3 topics
(2 R&I actions + 1 CSA)

Cross-cutting actions covering all activities: 5 topics
(4 CSAs + 1 ERA-NET Cofund)

(+ 1 Fast track to innovation – Pilot)

Sustainable Agriculture and Forestry

- **ISIB 1 - 2014:** Provision of public goods by EU agriculture and forestry: Putting the concept into practice (R&I action, € 2-3 million)
- **ISIB 2 - 2014/2015:** Closing the research and innovation divide: the crucial role of innovation support services and knowledge exchange (*CSA, € 2 million*)
- **ISIB 3 - 2015:** Unlocking the growth potential of rural areas through enhanced governance and social innovation (R&I action, € 6 million)
- **ISIB 4 - 2014/2015:** Improved data and management models for sustainable forestry (R&I action, € 5 million, 'A' and 'B' options!)



Thematic networks in H2020 call 2014-2015:

ISIB 2 -2014: Closing the research and innovation divide: the crucial role of innovation support services and knowledge exchange"

- **Up to one network focuses on exchange and development of methods for innovation brokering. It will connect innovation support services with experience in the matter (incl advisory services) and help them in how to find innovative ideas and develop them into an innovative group project plan**
- **4 other networks on specific themes to be proposed bottom-up: Synthesising, sharing and presenting best practices and research results focusing on themes and issues that are near to be put into practice, but not known or tested by practitioners**

Horizon 2020: Evaluation of proposals



STANDARD AWARD CRITERIA

EXCELLENCE

IMPACT

QUALITY &
EFFICIENCY
OF THE ACTION

✓ **First phase**



only EXCELLENCE and IMPACT

Horizon 2020: Evaluation of proposals



Evaluation Process

Chain of individual, consensus and panel review maintained. But **changes from FP7:**

Dealing with multi-disciplinary/sectoral proposals

- New expert profiles, new blood;
- Robust rules on expert turnover;
- More experts per proposal;
- Clear procedures for cases where experts disagree

Call for experts

Dealing with 8 month TTG

- Proposals strictly evaluated on their own merit
- More multi-step (stopping evaluation when threshold failed)
- Fast and simplified procedure for SME instrument

No recommendations for substantial changes



RESEARCH & INNOVATION

Participant Portal

European Commission > Research & Innovation > Participant Portal > Experts

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HOW TO PARTICIPATE

EXPERTS

SUPPORT ▾



LOGIN

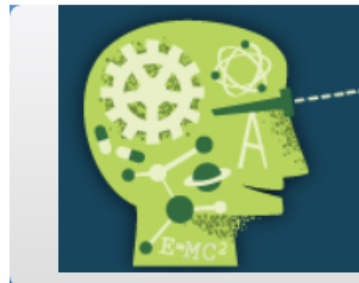


REGISTER

News

H2020 call for expression for interest for experts (11/2013)
New calls for expression of interest [for individual experts](#) and [for organisations to suggest experts](#) were just published in [OJ C342 of 22 November 2013](#).
European Commission will soon need experts to evaluate first Horizon 2020 proposals. Don't forget to tick the H2020 box in the registration platform and update your expertise.

Quick Links



Experts

[H2020 ONLINE MANUAL](#)

Join the database of independent experts for European research and innovation.

The European Commission appoints independent experts to assist with research and innovation assignments including the evaluation of proposals, monitoring of projects, and evaluation of programmes, and design of policy.

New experts

Who can be an expert?

You have a chance of being selected as an expert if you:

- have high-level of expertise in the relevant fields of research and innovation ([see call](#) for details on types of expertise).
- can be available for occasional, short-term assignments

[REGISTER AS EXPERT](#)

What do expert assignments involve?

Experts, as peer reviewers, assist in the:

- **evaluation** of proposals
- **monitoring** of actions

In addition, experts assist in the :

- **preparation, implementation or evaluation of programmes** and **design of policies**.



HORIZON 2020

**Thank you
for your attention!**

Find out more:

www.ec.europa.eu/research/horizon2020

Functional mailbox: RTD-KBBE-STAKEHOLDERS@ec.europa.eu