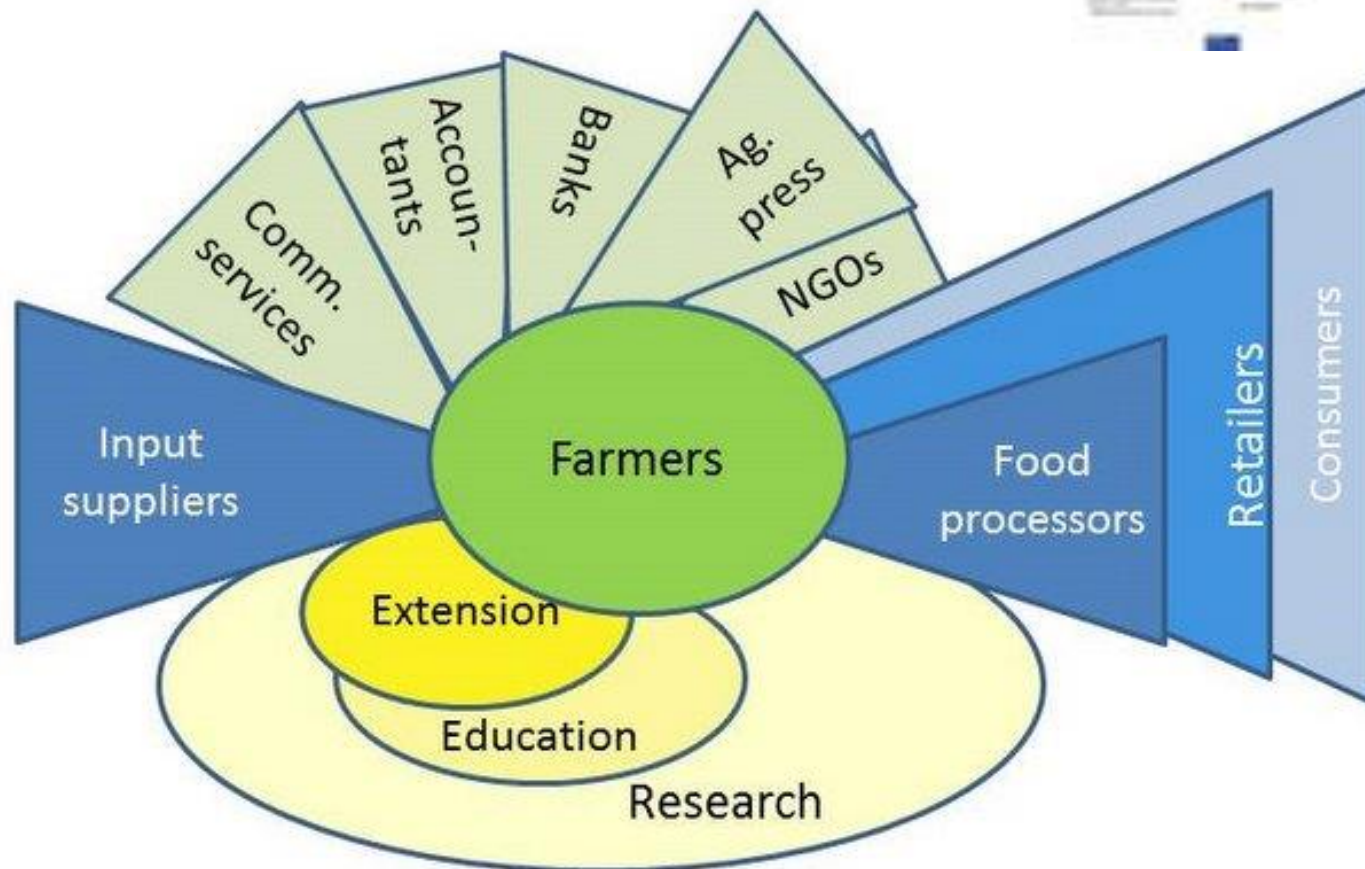


Agricultural Research in Horizon 2020

Hans-Jörg Lutzeyer
DG Research and Innovation
F-3 Agri-Food Chain



Agricultural Knowledge and Innovation Systems





Agricultural Research in Horizon 2020

Topics have a larger scope and 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 sustainability, climate, gender are intrinsic to projects and need to be given due consideration

Horizon 2020: 3 Priorities



1. Health, demographic change and wellbeing

2. Food security, sustainable agriculture and forestry, marine and maritime and inland water 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

Sustainable Agriculture and Forestry

- Emphasis on an ***integrated chain*** approach from primary production to transformations and consumers
- Emphasis on ***multifunctional*** character of agriculture and forestry
- Foster ***innovation*** and ***innovative capacity*** of the agri-food sector/chain and rural areas
- Synergies with ***EIP***

Multi-actor projects in Horizon 2020 Work Programme 2014-2015

Total budget for all multi-actor projects and thematic networks in the first Horizon 2020 Workprogramme: 148 mio euro

All multi-actor projects have the following sentence in the description of the topic:

"Proposals should fall under the concept of multi-actor approach"

and refer to footnote 1 on p.4 of the Work programme that describes the multi-actor approach as follows

Multi-actor projects in Horizon 2020 Work Programme 2014-2015

- "multi-actor" is more than a strong dissemination requirement or what a broad stakeholders' board can deliver
- "all along the project" *: **a clear role for the different actors** in the work plan, from the participation in the planning of work and experiments, their execution up until the dissemination of results and the possible demonstration phase.
- Project proposals should illustrate sufficient quantity and quality of **knowledge exchange activities**

This should generate **innovative solutions that are more likely to be applied** thanks to the cross-fertilisation* of ideas between actors, the co-creation and the generation of co-ownership for eventual results.

(*legal base in Specific Programme)

Multi-actor projects in Horizon 2020 Work Programme 2014-2015

A multi-actor project needs to take into account:

- how the project proposal's objectives and planning are **targeted to needs / problems and opportunities of end-users**
- the **composition of the project consortium** must get sufficient involvement of **key actors with complementary types of knowledge** (scientific and practical) to reach the project objectives and make its results broadly implemented.

(see evaluation criteria on ambitions, expected impact, etc)

Which multi-actor projects in 2015?

2 stage-call – tentative topics for the call to be published July 2014 (deadline for proposals 24/2/2015)

| | | |
|----------------|---|--|
| | | |
| SFS-1C | Sustainable terrestrial livestock production: Assessing sustainability of livestock production | |
| SFS-2B: | Sustainable crop production: Assessing soil-improving cropping systems | |
| SFS-5 | Strategies for crop productivity, stability and quality | |
| SFS-13 | Biological contamination of crops and the food chain | |
| SFS-20 | Sustainable food chains through public policies: the cases of the EU quality policy and of public sector food procurement | |
| ISIB-4B | Improved data and management models for sustainable forestry | |

H2020 SC2 - calls 2014

2-STAGES EVALUATION



1st STAGE

**SHORT
OUTLINE
Proposal**

**DEADLINE
12/3/2014**

REMOTE

**Info to
applicants**

MARCH

APRIL

MAY

**INDIVIDUAL
evaluation**

CONSENSUS

**Finalisa
tion**

experts

2nd STAGE

**FULL
Proposal**

**DEADLINE
26/6/2014**

REMOTE

CENTRAL

**Info to
applicants**

JUNE

JULY

AUG

SEP

OCT

NOV

**INDIVIDUAL
evaluation**

CONSENSUS

Finalisation

experts

**GRANTS
Feb 2015**



RESEARCH & INNOVATION

Participant Portal

European Commission > Research & Innovation > Participant Portal > Experts

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[HOW TO PARTICIPATE](#)

[EXPERTS](#)

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LOGIN

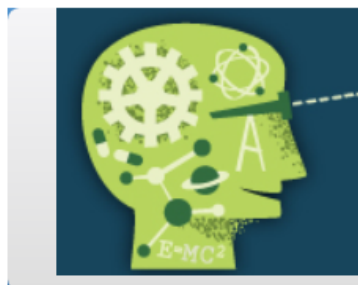


REGISTER

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**.

European Innovation Partnership "Agricultural Productivity and Sustainability"

© Eugenia Chaikina_thinkstopphotos

EIP – AGRI: The Rural Development Side

- The new legislative framework has been set



- 17 December 2013: Adoption of CAP package



- 20 December 2013: Publication of Rural Development Regulation



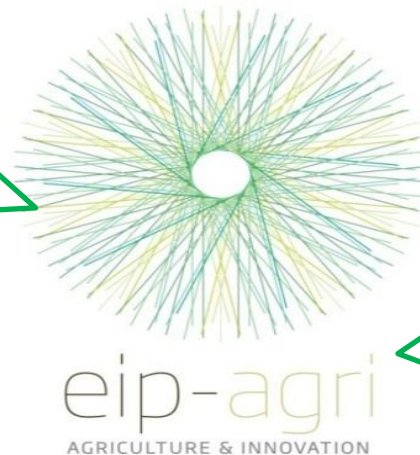
- Currently: Submission of Rural development programmes

- Innovation as cross-cutting objective
- EIP-AGRI as innovation tool to achieve Union priorities for rural development

Rural development programmes – State of play

- **For total EU-28:**
 - > at least 114 rural development programmes expected
 - > 1/3 of these programmes arrived so far

25 Partnership Agreements refer to the EIP-AGRI



Most of the RDP's submitted so far foresee to implement the EIP AGRI through support for operational groups



First impressions from EIP-AGRI programming

- **Art. 35 (co-operation measure)** is widely used to support the establishment and operation of **operational groups** ("core" of the EIP-AGRI); however, some programmes only focus on support for operation
- **Topics** for operational groups mentioned are usually quite **broad**, but nevertheless adapted to the region
- Programmes which were submitted after a series of **DG-AGRI workshops** on how to set up operational groups provided more **detailed information** on the planned support for operational groups

Challenges for EIP AGRI programming

- Risk of being too **"top down"**
- Tendency to be too **research oriented**
- Do not underestimate the role of **innovation support service** providers
- Attempts to transfer the **LEADER approach** to the support of operational groups



How to continue?

- > **Communicate observations** on programmes to managing authorities
- > Provide more detailed **implementation guidance**, e.g. end of 2014: Seminar for managing authorities
- > Analyse questions from the regional workshops and publish **"questions and answers"**
- > Develop **tool kit** on how to set-up operational groups
- > Further expand the **EIP AGRI Network**

Network Function of the EIP

Art. 53 Rural Development Regulation

Facilitate the exchange of expertise and good practices

Establish dialogue between stakeholders in rural areas

EIP-Network Facility: **EIP AGRI Service Point**

- **Collecting** information (research and innovation projects etc.)
- Effective **flow of information** (website, fact sheets, helpdesk)
- **Exchange** on overall innovation topics (seminars, workshops)
- **Sharing knowledge** on concrete practical work (focus groups)
- Systematic **feedback** about practice needs



Focus Groups

- Part of the **networking function** of the EIP
- Up to 20 experts in a specific area, selected because of their **personal experience** (do not act as representatives from administrations, organisations etc.)

Tasks:

1. Take stock of the **state** of the art of **practice**
 2. Take stock of the **state** of the art of **research**
 3. Identify **needs** from practice for further **research**
 4. Propose priorities for innovative **action** (e.g. new OG 's)
- **Final REPORT** in specified amount of time (**2** meetings!)

Current Focus Groups

1. Organic farming (optimizing arable yields) report published 05/2014
 2. Protein crops report published 05/2014
 3. Animal husbandry (reduction of anti-biotic/pig sector)
report planned to be published 07/2014
-
4. Genetic resources
 5. Organic matter content of soils
 6. Integrated pest management (IPM)
 7. HNV Farming
 8. Precision Farming
 9. Horticulture fertilizer efficiency
 10. Permanent grassland

New Focus Groups

Call for experts: July 2014

11. Optimising yields through Ecological Focus Areas
12. Alternative / innovative supply chains
13. IPM practices for soil disease suppression

New: Suggestion form for new focus group topics

FORM

Suggestions for EIP-AGRI Focus Group topics

When to use this form: If you would like to suggest a topic for an EIP-AGRI Focus Group. For more information on EIP-AGRI Focus Groups, please see the [Focus Group charter](#)

How to use this form: Please complete all the fields by clicking on the grey field and typing your input, which should be clear and concise.

Where to send it: Please Email this form – as a word document - to servicepoint@eip-agri.eu with subject 'Focus Group topic'

| Topic | Content |
|--|--|
| Suggestion for Focus Group topic (in English) | EIP-AGRI Focus Group topic (10 words maximum) |
| Key question(s) to be addressed | Please indicate which key questions should be discussed and answered by the Focus Group, in your view. |
| Please indicate why this topic should be taken up by an EIP-AGRI Focus Group in your opinion? | Fill in here |
| Geographical scope | Please indicate if this topic covers the whole European Area or a specific area in Europe |
| Name | your first name |
| Surname | your surname |
| E-mail | your e-mail address |
| Organisation | the name of your organisation |
| Country | your country |
| Organisations supporting this proposal | Fill in the names of the organisations that support this proposal |
| Links to existing projects or networks | add links to existing projects or networks related to this topic |
| Remarks | |
| Entry Date (automatically) | 16/05/2014 |



European Innovation Partnership & Horizon 2020

Rural Development

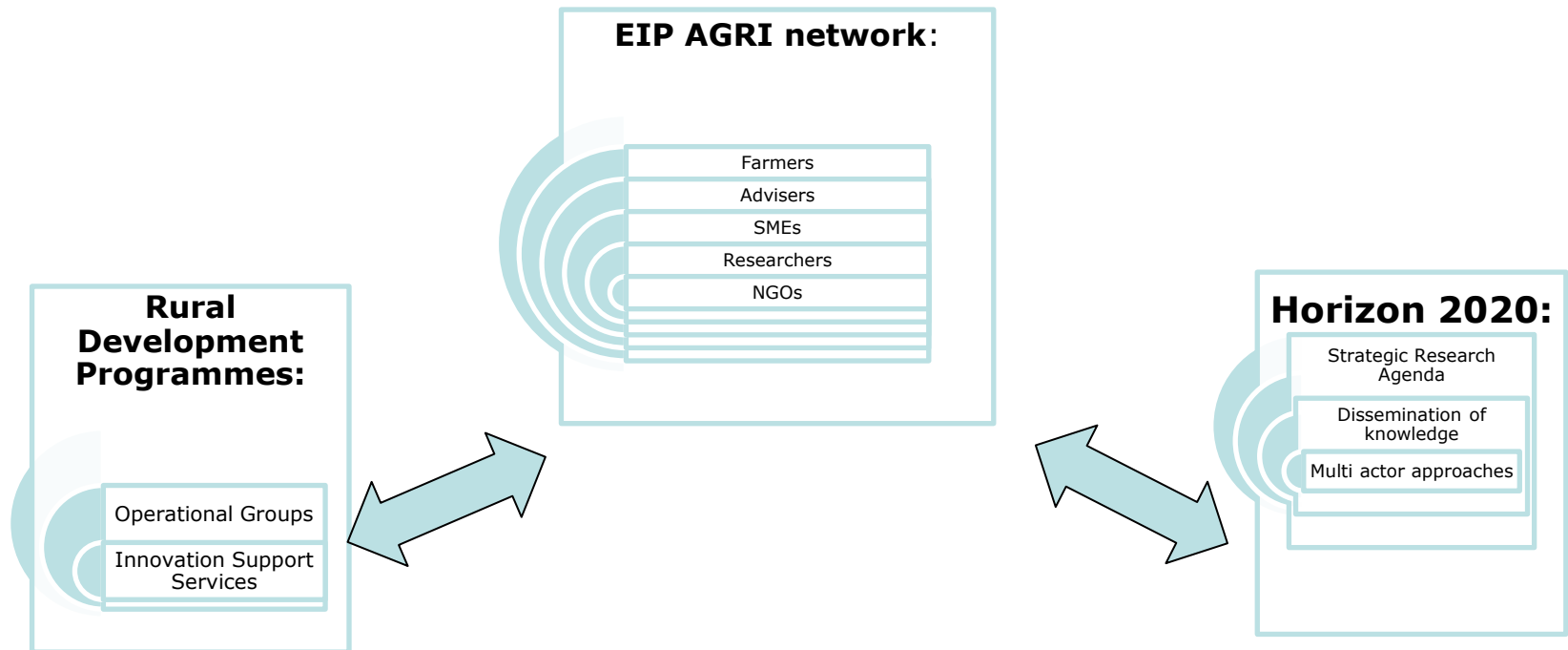
- **Setting up "operational groups"** involving farmers, advisor, agribusiness, research, and NGOs to work on innovation projects
- **Project funding** for activities of operational groups, possibly combine with other measures (investment, knowledge transfer, advisory service)
- Supporting **innovation support services**

Horizon 2020

- Research projects, including on-farm experiments to provide the knowledge base for innovative actions
- Interactive innovation formats such as **multi-actor projects and thematic networks** genuinely involving farmers, advisors, enterprises,.... "all along the project"



EIP-AGRI: Connecting Science and Practice "Agricultural Productivity and Sustainability"





HORIZON 2020

**Thank you
for your attention!**

Find out more:

www.ec.europa/research/horizon2020

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