Innovation technologies in agriculture

Funding opportunities under H2020 & EIP-AGRI

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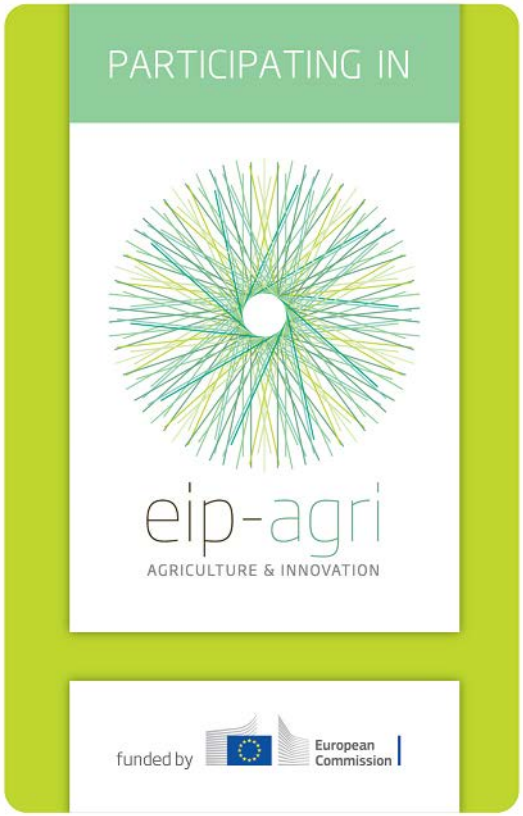


H2020

EIP-AGRI

EU Context

- The establishment of European Innovation Partnerships (EIPs) in different sectors represents a new approach under the **Europe 2020 Strategy** to **speed up innovation.**
- The Europe 2020 Flagship Initiative "Innovation Union" specifies European Innovation Partnerships (EIP) as a new tool for **fostering innovation through linking existing policies and instruments**
- EIPs should provide favourable conditions for research and innovation partners to **co-operate and achieve better and faster results** compared to existing approaches

Approach

Linear Innovation

Interactive Innovation

Key Actors: Operational Groups

- **Action- and result-oriented** "hands-on" groups
- Built around **concrete innovation projects**, developing and testing innovative solutions
- Established **on the initiative of innovation actors** such as farmers, foresters, scientists, advisors, agri-business, and NGOs
- **Combining competencies** (practical and scientific), needed for the implementation of a certain project
- Obligation to **disseminate results** at EU level

Funding

Rural Development Programmes

- Setting up support for an Operational Group project
- Operational Group project funding
- Innovation support services

EIP - NETWORK

- **Collecting** information (research and innovation projects etc.)
- Effective **flow of information** (website, helpdesk function)
- **Exchange** on overall innovation topics (seminars, workshops)
- **Sharing knowledge** on concrete practical work (FOCUS GROUPS)
- Systematic **feedback** to the scientific community about practice needs

Focus Group

A temporary group of experts discuss potential ways forward on how to address specific challenges in specific areas of actions.

Part of the networking function of the EIP

Overall 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!)

Focus Group
"Mainstreaming Precision Farming"

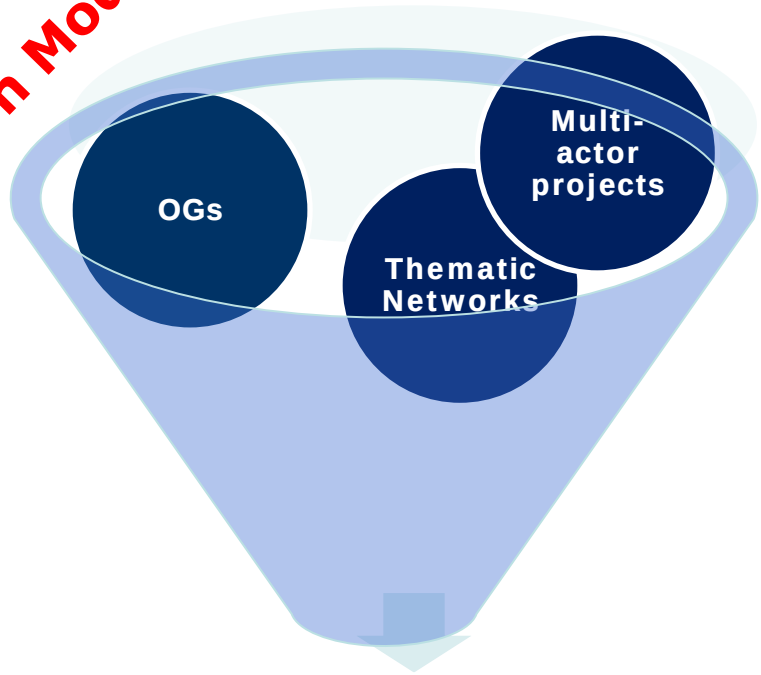
- How to organise the data capture and processing to mainstream the application of precision farming for an optimisation of inputs and yield?

- Try to identify the main reasons behind the current lack of adoption, and identifying the key barriers to the implementation of Precision Farming on European farms.

Final report:
http://ec.europa.eu/eip/agriculture/en/content/mainstreaming-precision-farming

EIP-AGRI & H2020

Interactive Innovation Model

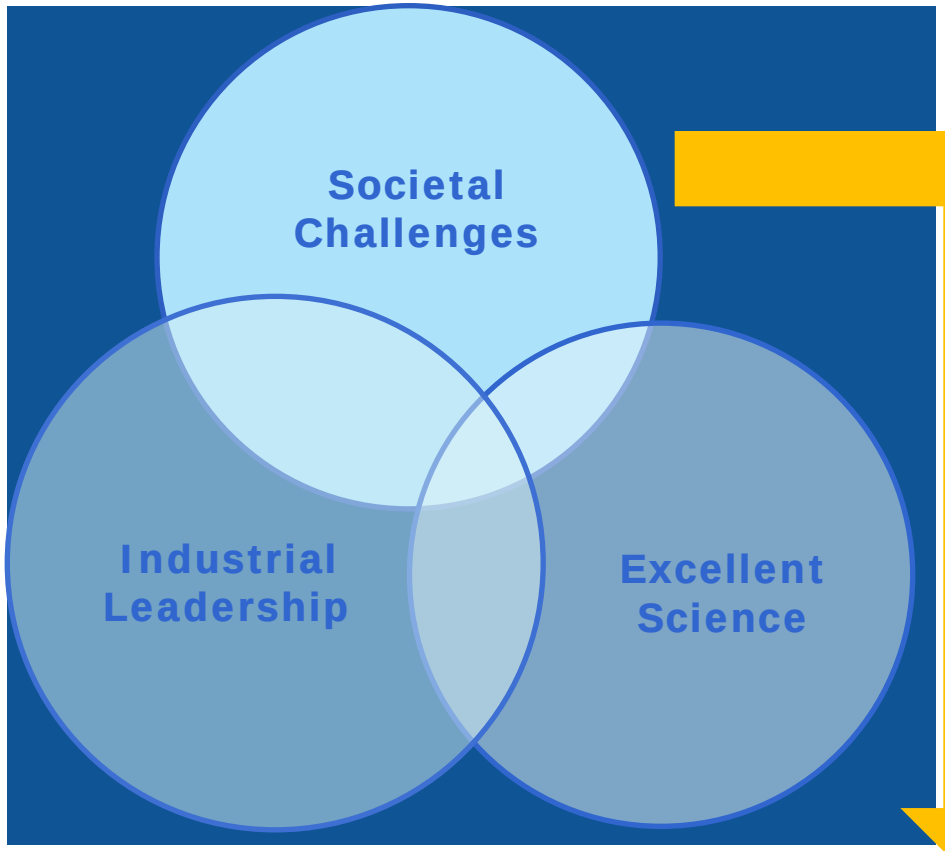


EIP-AGRI Network

THE FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

HORIZON 2020

European Commission



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

Cross-cutting activities - Internet of Things (135 m€)

European Commission

Work Programme 2016-2017 (1)

Societal Challenge 2:

- **SFS-06-2016** – "Weeding – strategies, tools and technologies for sustainable weed management" (RIA) (7 m€) (deadline 17/2/16 1st stage and 13/9/16 2nd stage)
- **RUR-10-2016** -*"Thematic Networks compiling knowledge ready for practice"* (CSA) (10 m€) (deadline 17/2/16)
- **RUR-10-2017** -*"Thematic Networks compiling knowledge ready for practice"* (CSA) (10 m€) (Deadline 14/2/17)
- ***RUR-12-2017***- *"Networking European farms to boost thematic knowledge exchanges and close the innovation gap"* (CSA) (7 m€) (deadline 14/2/17)

European Commission

Work Programme 2016-2017 (2)

Societal Challenge 2:

- **SFS-34-2017 –** "*Innovative agri-food chains: unlocking the potential for competitiveness and sustainability*" (RIA) (6 m€) (deadline 14/2/17 1st stage and 13/9/17 2nd stage)

- **SFS-5-2017** -*"Robotics Advances for Precision Farming"* (RIA) (7 m€) (deadline 14/2/16)

Cross-cutting activities:

- **IoT-01-2016:** *"Internet of Things Large Scale Pilot - Smart Farming and Food Security"(*IA) (30 m€) (deadline 12/4/16)

Links

EIP-AGRI
http://ec.europa.eu/eip/agriculture/

June 2016 – Workshop on Business Models

H2020
http://ec.europa.eu/research/participants/portal/desktop/en/funding/reference_docs.html#h2020-work-programmes-2016-17

H2020 – Info Day
http://ec.europa.eu/programmes/horizon2020/en/news/info-week-societal-challenge-2-work-programme-2016-2017

Workshop on multi-actor approach and thematic networks
http://ec.europa.eu/programmes/horizon2020/en/news/interactive-innovation-motion-multi-actor-projects-and-thematic-networks-under-horizon-2020

Thank you for your attention !!!!!

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