

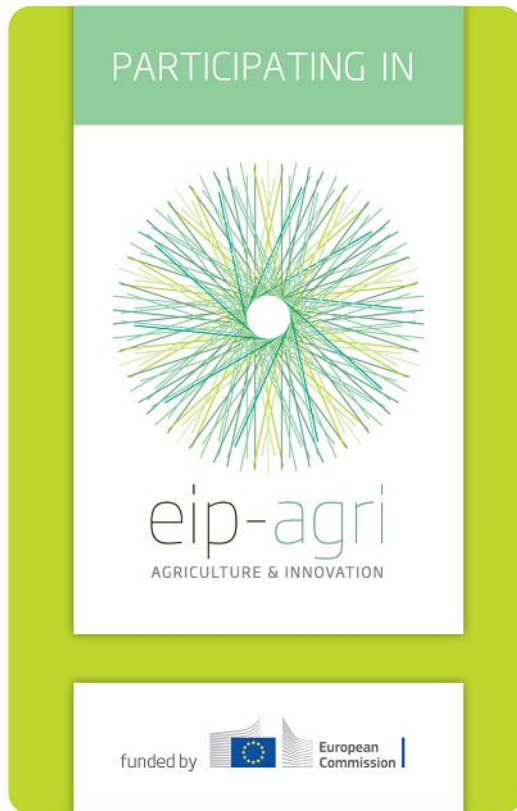


H2020 & EIP-AGRI

Funding opportunities for innovation technologies in the agriculture sector

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European Initiatives and Programmes



EIP-AGRI



H2020



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-AGRI & H2020

- Multi-actor approach
- Thematic Networks



EIP Network

(Focus Group on Precision Farming)

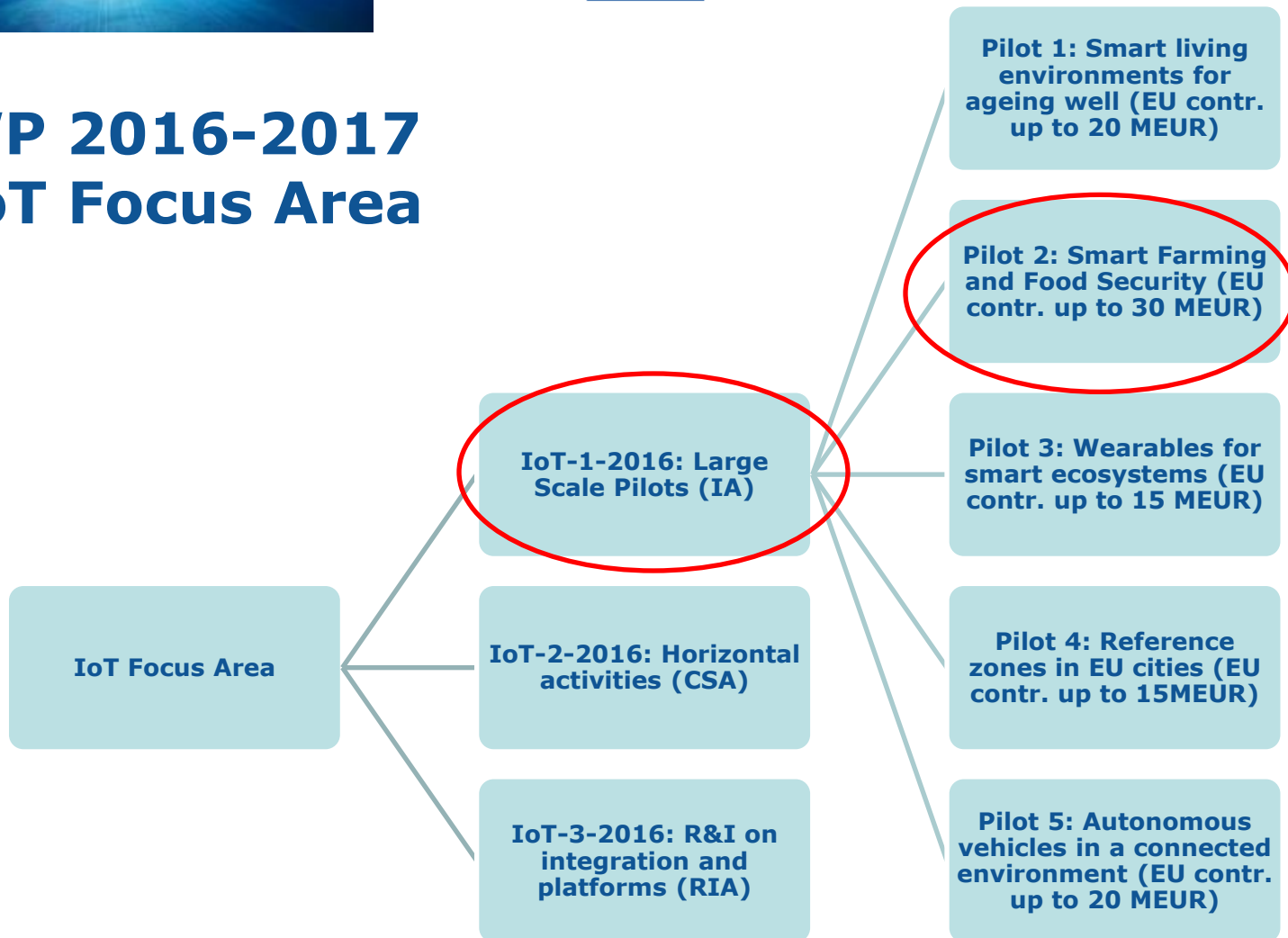




SC2 WP 2016-2017

- **SFS-5-2017.- Robotics Advances for Precision Farming:** focus on the design, development and testing of robotics systems for precision farming, including autonomous or semi-autonomous farm vehicles or sophisticated sensors and intervention mechanisms (RIA, 7 million euro).
- **SFS-6-2016.- Strategies, tools and technologies for sustainable weed management:** Alternatives strategies are needed that will limit or eliminate the use of herbicides, manage herbicide resistance and enhance carbon stocks. Approaches ranging from prevention strategies, including crop diversification and biological control, to precision farming and automated selective mechanical engineering (e.g. Weeding robots) could be developed in an integrated approach (RIA, 7 million euro).
- **RUR-10-2016/2017: Thematic Networks compiling knowledge ready for practice:** It is a bottom -up topic where proposals dealing with the use of precision farming/new technologies can be submitted (CSA, 20 million euro).

WP 2016-2017 IoT Focus Area





Expected impact

- Validation, sustainability and replicability, of architectures, standards, interoperability properties, of key characteristics such as security and privacy.
- New industry and business processes and innovative business models.
- User acceptance validation addressing privacy, security, vulnerability, liability.
- Significant and measureable contribution to standards or pre-normative activities.
- Improvement of citizens' quality of life, in the public and private spheres, in terms of autonomy, convenience and comfort, participatory approaches, health and lifestyle, and access to services.
- Creation of opportunities for entrepreneurs, expanding local businesses to European scale, etc.
- Development of secure and sustainable European IoT ecosystems and contribution to IoT infrastructures viable beyond the duration of the Pilot.

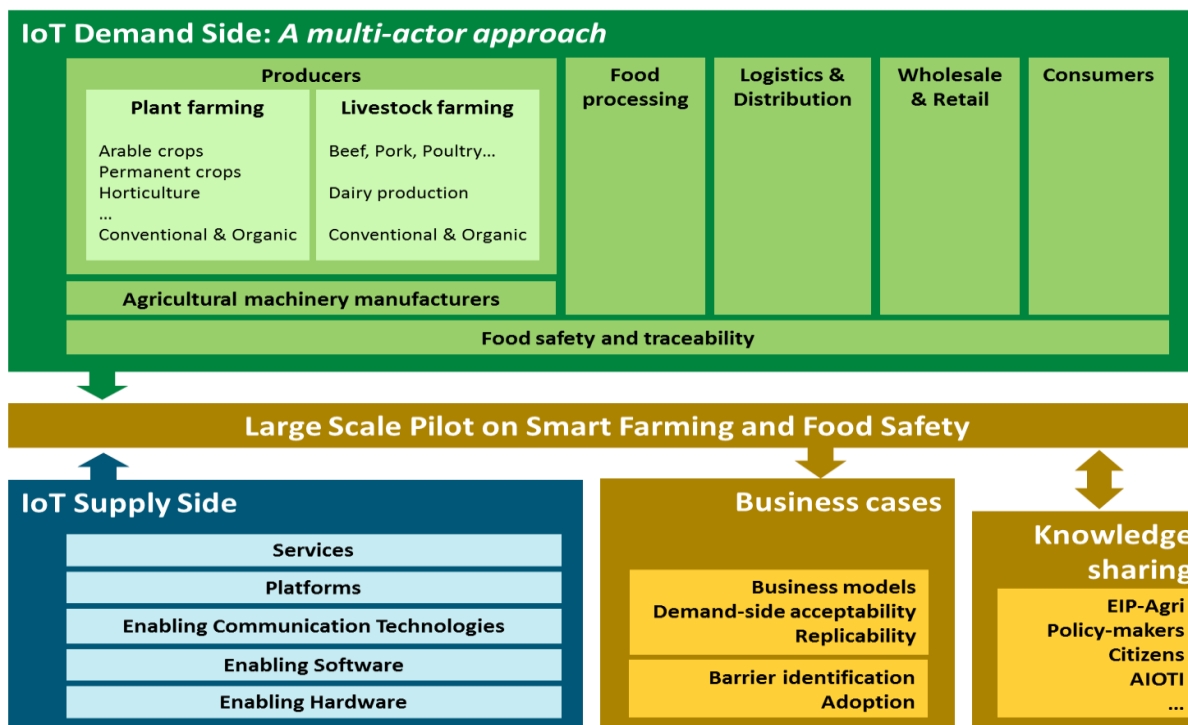


Proposals should include:

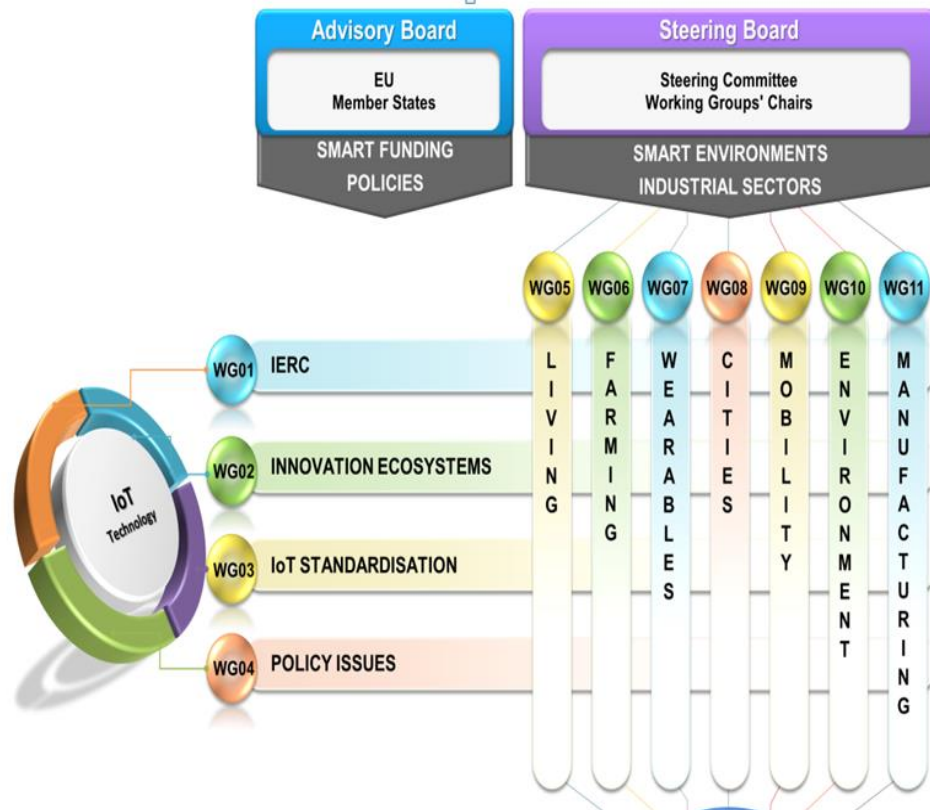
- Combination of different farms to ensure that the deployment of the technology is adapted to the needs of different types and sizes of farms across Europe.
- Activities should allow for a wide geographic coverage within Europe and benefit both conventional and organic agro-food chains.
- At least three sub-sectors (e.g.- arable crops, livestock, vegetable and fruit production).

Proposals should fall under the concept of **multi-actor approach**
(please refer to the Introduction to SC2 Work Programme)

Main actors to be involved in the pilot:



AIOTI





Links

EIP-AGRI

<http://ec.europa.eu/eip/agriculture/>

H2020

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

AIOTI

<http://www.aioti.eu/>



Thank you for your attention !!!!!

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