An update on the European Innovation Partnership

MACS 2016
Xi’an
31 May 2016

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• Agricultural research in Europe

• European Innovation Partnership:
  • Rural development of the CAP: operational groups
  • Horizon 2020: multiactor projects + thematic networks
Recent evolutions in agricultural research public investment

Decreasing Member States spending (billion €) (GBAORD) - Eurostat

... Not compensated by increasing EU spending (billion €) in the Framework Programme (figures for the whole bioeconomy)

- Budget cuts in several Member States (but increases in some)
- Recurrent down, competitive up

EU Framework programme: **about 10%** of MS investments in research
Horizon 2020

1. Excellent science
2. Industrial leadership
3. Societal challenges

1. Health, demographic change and wellbeing
2. Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bio-economy (€3.8 billion 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
The EIP-AGRI in a nutshell

**Innovation Union Flagship Initiative**: five European Innovation Partnerships link existing policies and instruments to speed up innovation

**Aim**: Fostering a competitive and sustainable agriculture and forestry sector that ‘achieves more from less’

**Approach**: Closing the innovation gap between research and practice and forming partnerships by:

- Using the **interactive innovation approach** which aims to involve all actors in a process of co-creation of knowledge
- Linking actors through the EIP-AGRI Network
The EIP-AGRI

- **Rests on two EU policies**: the Common Agricultural Policy (CAP) and Horizon 2020 (the Framework Programme for research and innovation)

- **Contribution of the CAP**: innovation projects at local level (operational groups), support to the AKIS (support to advisory services, etc.)

- **Contribution of Horizon 2020**: multi-national research and innovation projects; networking at EU level on R&I matters
The European Innovation Partnership Network

And also …
- Focus groups (short-term expert groups working in a large variety of areas)
- Network, workshops and seminars
- A dedicated website
With the EIP innovation is embedded into the Rural Development pillar of the CAP

- **Innovation**
  - operational groups
- **Dissemination**
  - EIP network
- **Implementation**
  - Support to advice, training, support to investment, etc.
Rural Development
- Operational Groups -

Operational Group

Farmers
NGOs
Advisors
Researchers
Agribusiness
Operational groups (cont.)

• 94 Member States / regions will implement the EIP in their rural development programmes 2014-2020

• 3 200 OGs planned in 2014-2020

• Size of project ranging from €30 000 to €1.5 mio

• Operational groups have an obligation to report on results so as to make generated knowledge accessible to others and to open up contact possibilities between actors working on similar themes
First Operational Group projects are being set up ... some examples

- Establishing a sustainable and environment friendly wheat value chain (Germany)
- Farina Girona (common wheat varieties for artisan bread making) (Spain)
- FruitNet (control of Monilinia spp. In stone fruits) (Spain)
- Organic dock control in grasslands (Austria)
- Robust lamb in Pyrénées (France)
- Water saving in rice cultivation (Spain)
- Winter harvest: seasonal, energy extensive and innovative vegetable production (Austria)
- Zero herbicides in Mediterranean perennial crops (France)
Example of Operational group: Robustagno

- **Producer organisation**
- **Sheep breeder**
- **Innovation brokers**
- **Veterinary school**
- **Advisors**
- **Research centre**
- **Regional network**

Raise sheep productivity
Horizon 2020: our approach toward innovation

- **Horizon 2020 projects**: from €1-2 mio (coordination actions) to ... €45 mio (European joint programme on Zoonoses)

- **International Cooperation**: bilateral (e.g. with China) and multilateral (e.g. international research consortium Star-Idaz on animal health)

- **Multi-actor projects**: seek involvement of actors in project activities (for all or part of project activities)

- **Thematic networks** to foster knowledge exchange on specific issues at the European level
Multi-actor approach in Horizon 2020 topics/projects

Multi-actor approach under SC2
Number of topics and selected projects (2014-2015) or expected grants (2016-2017)

Multi-actor approach under SC2
Programmed budget (Mio€ - Total 511 M€)
Thematic network

- **Objectives targeting needs of end-users:** key wine diseases representing threat for economic viability of the whole sector (grapevine trunk disease; grapevine flavescence);
- Many winegrowers are testing innovative sustainable approaches to fight these diseases
- **Multi-actor approach:** collect data and discuss through a network of facilitator agents, regional technical working groups and a European scientific working group
- Many knowledge exchange activities and bottom-up interactive processes
- **Consortium:** 11 partners from science, advisory and practice
Concluding remarks

• EIP implementation still phasing in, Operational Groups only starting operations in 2016

• Our aim is to foster synergies between policies – Horizon 2020 and the CAP - and instruments so as to **maximise impact on the ground**

• Various approaches are developed to boost innovations. We gain at sharing these various experiences with MACS. In a few years time we'll have a wealth of information on how innovation develops in the EU to share with MACS.
Many thanks for your attention!

**Innovation in action**

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