

# *How to maximise synergies between various instruments and approaches?*

- Flash overview of implementation approaches and of R&I support under other EU programmes:

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# Implementation approaches under the agricultural R&I strategy



Being strategic about programming



Encouraging synergies with Member states



Developing International cooperation



Boosting implementation of R&I → interactive innovation & EIP-AGRI



Leaving more space for new approaches



Developing synergies with the private sector



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# Horizon 2020 beyond SC2

## Excellent Science

- 1. European Research Council
- 2. Future and Emerging Technologies\*
- 3. Marie Skłodowska-Curie Actions
- 4. Research Infrastructures

SmartCow

## Industrial Leadership

- 1. Enabling & Industrial Technologies
  - 1.1 ICT
  - 1.2 Nanotechnologies
  - 1.3 Advanced materials
  - 1.4 Biotechnology
  - 1.5 Advanced manufacturing
  - 1.6 Space
- 2. Access to Risk Finance
- 3. Innovation in SMEs\*

IoF2020  
Ag & Rur Platforms

380

## Societal Challenges

- 1. Health and wellbeing
- 2. Food security, sustainable agriculture, marine research and the bioeconomy**
- 3. Secure, clean and efficient energy
- 4. Smart, green and integrated Transport
- 5. Climate Action, Environment, Resource Efficiency
- 6. Inclusive, innovative and reflective societies
- 7. Secure societies

Spreading excellence and widening participation

Science with and for Society

European Institute of Innovation & Technology

Euratom

Joint Research Centre

Antares

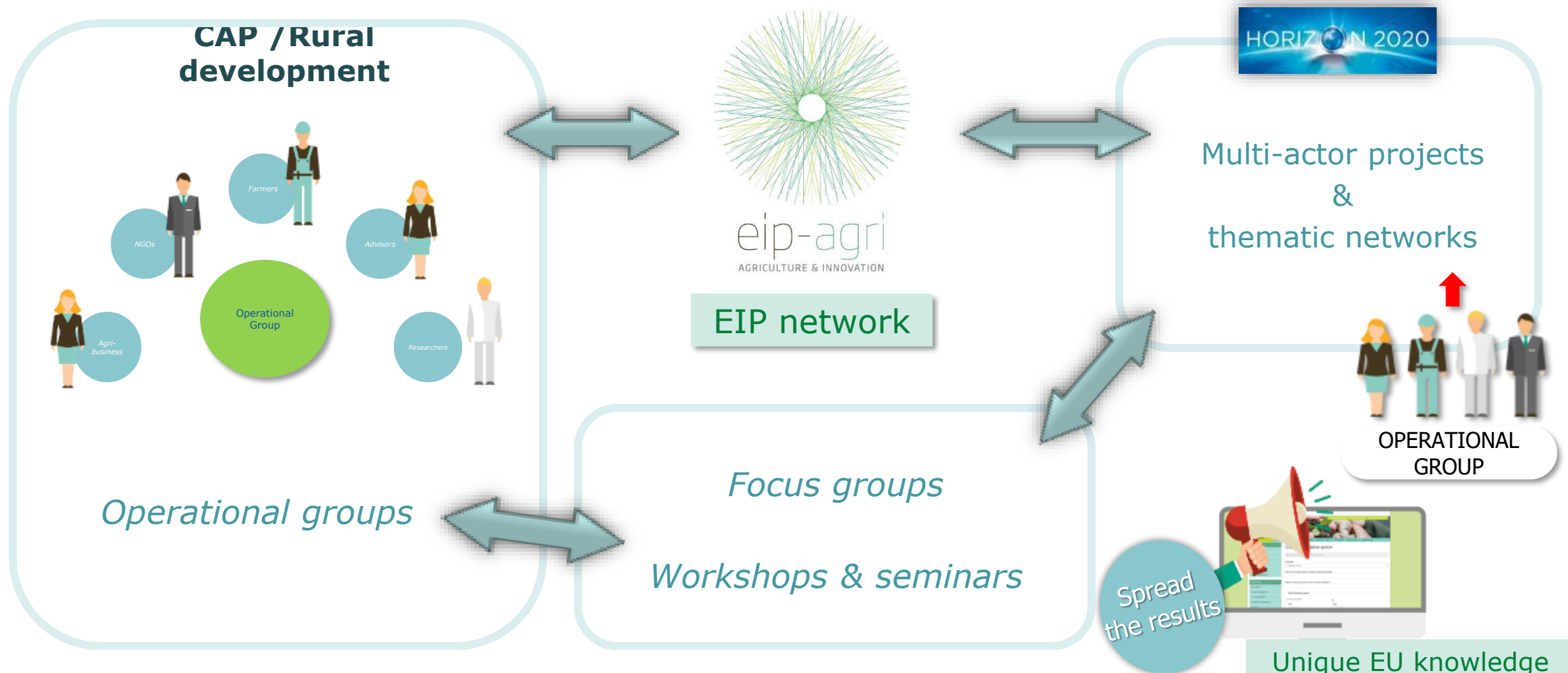


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# Interactive innovation



Unique EU knowledge repository of contacts and practice abstracts





# Building synergies with Member States

## Co-fund instruments

### ✓ ERA-NET

To support transnational public research activities; single EU co-funded joint call; additional activities for leveraging;

### ✓ European Joint Programme

Flexible instrument to support coordinated national research programmes; pooling critical mass of national resources on objectives and challenges of Horizon 2020

### ✓ Article 185 initiatives

#### Partnership for R&I in the Mediterranean Area (PRIMA)

Water, Farming Systems & Agrofood chains  
10 years  
220 M € EU contribution

Core-Organic  
ICT-AGRI  
SusAn

# Joint Programming Initiatives

Driven by countries, to pool national research efforts in order to address major societal. Countries commit to implement together joint Strategic Research Agendas

#### Agriculture, Food Security and Climate Change (FACCE)

LC-SFS-20-2019: European Joint Programme on agricultural soil management



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# Developing synergies with the private sector

- ✓ Article 187: Joint Technology Initiatives (JTIs).  
Run as Joint Undertakings that organise their own research agenda and award funding for projects on the basis of open calls.
- ✓ Contractual Public-Private Partnerships (cPPP)

**Bio-Based Industries Joint Undertaking**

**Big Data Value**



# Developing international cooperation

Horizon 2020 very open to international cooperation; funding provided to most countries in the world

- ✓ Targeted topics
  - CE-RUR-08-2018-2019-2020 Closing nutrient cycles: Participation of partners from CELAC countries is encouraged
- ✓ Special agreements with regions/countries
  - Bilateral: FAB Task Force with China (SC2)
  - Multilateral: EU-Africa on Food Nutrition Security and Sustainable Agriculture
- ✓ Global cooperation initiatives, e.g.
  - International Research Consortia: CIRCASA
  - SFS-21-2020-Soils going global (summer update)



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