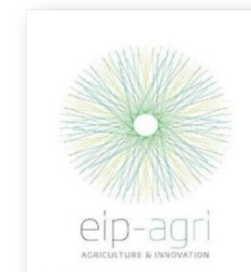


# The contribution of research and innovation to agro-ecological transition

Marc Duponcel



European  
Commission | Agriculture and  
Rural Development



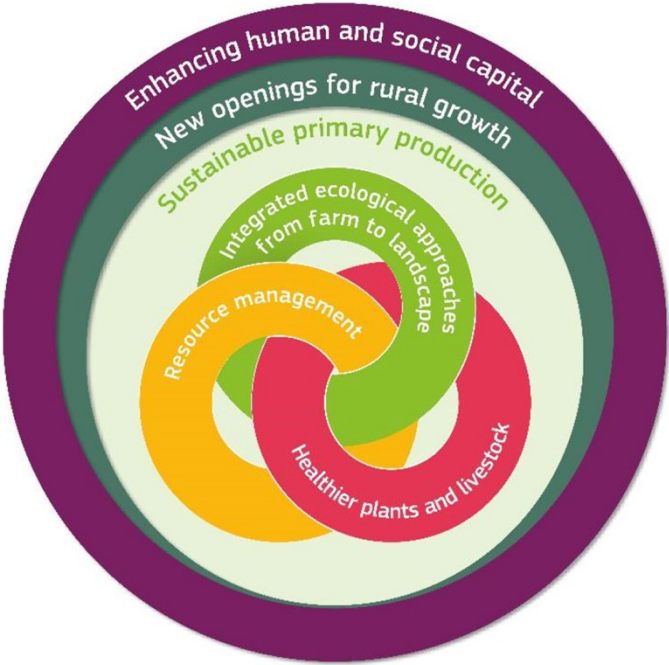
# Our framework: **two policies working in synergy** through the European Innovation Partnership "EIP-AGRI"



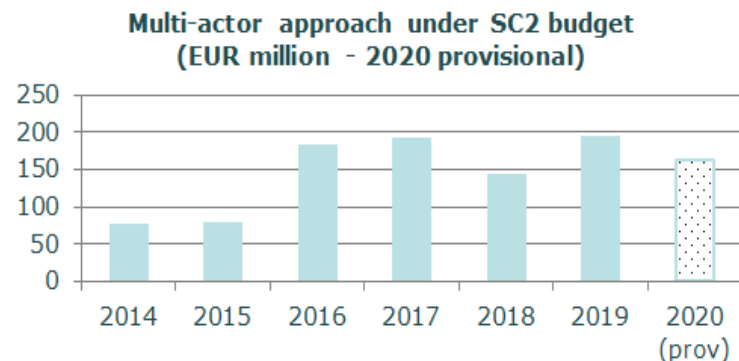
- **Contribution of the CAP:** *innovation projects at local level (operational groups), support to the Agricultural Knowledge and Innovation System (AKIS) (support to advisory services, etc.)*
- **Contribution of Horizon 2020:** *multi-national research and innovation projects; networking at EU level on Research and innovation matters*
- Using the **interactive innovation approach** *which aims to involve all actors in a process of co-creation of knowledge*



# Horizon 2020 – Our long-term strategy



# Horizon 2020 - The multi-actor approach: interactive innovation in action



**H2020= EUR 1 billion – 180 grants**

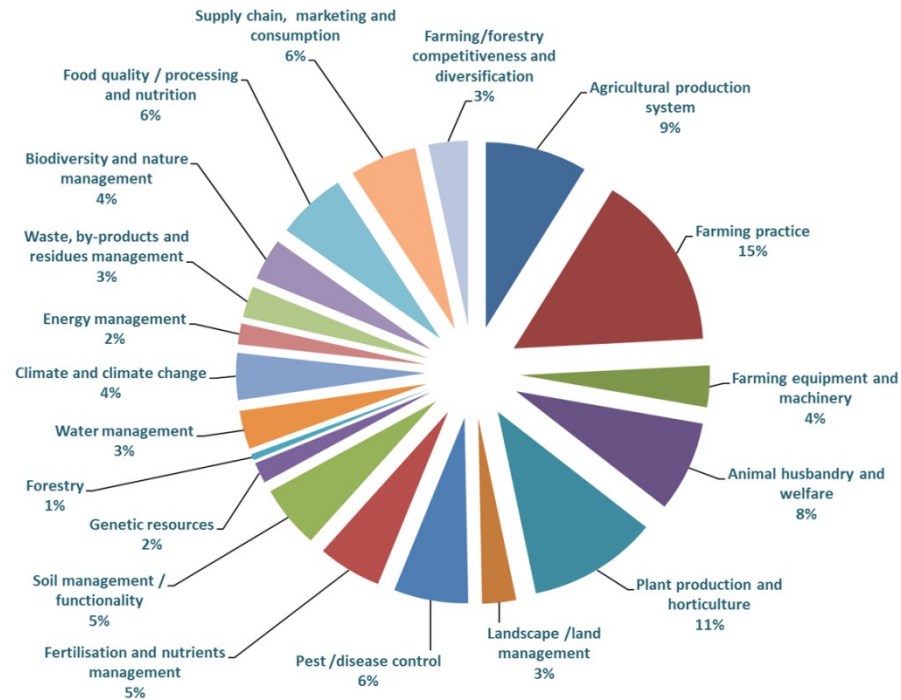
= two-thirds of our R&I  
investments in Horizon 2020  
(total of €1.5 bio in 2014-2020)



- ✓ Co-created knowledge
  - Complementary types of knowledge
  - → innovative solutions...
  - ... better adapted to the field
- ✓ Keeping room for "science-only"  
as well (40% budget)



# CAP – bottom up innovative projects: operational groups



Overall **3 200** projects programmed

## Some examples:

- Bio-control organic horticulture (Lattes)
- Agro-forestry (livestock and perennials) (PACA)
- Alternative weeding methods in organic production (Languedoc Roussillon)
- Controlled traffic in organic farms (BE)
- Differentiated grassland management (AT)
- Animal welfare for organic laying hens
- Innovative compost systems
- Population management of local animal breeds
- ...



# What changes with the new CAP and Horizon Europe?



- Innovation cross-cutting objective of CAP: *modernisation of the sector by fostering **knowledge, innovation** and digitalisation of agriculture and rural areas*
- Research is also part of the second specific objective of new CAP
- Continue with the EIP-AGRI – Operational Groups
- Continue with agricultural research and innovation in Horizon Europe – Multi-actor approach / societal engagement
- Beef up the agricultural knowledge and innovation system (AKIS) – More ambitious approach with the **CAP Strategic Plans**

