



Agricultural Research and Innovation
under
HORIZON 2020 and EIP

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DG AGRICULTURE AND RURAL DEVELOPMENT

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Outline

- ❑ **HORIZON 2020 Basic Architecture**
- ❑ **Towards the 1st Work Programme**
- ❑ **The European Innovation Partnership (EIP)**

**"Agricultural Productivity
and
Sustainability"**

LEGISLATIVE PACKAGE

- *Regulation establishing H2020 – The Framework Programme for Research & Innovation*
 - *Regulation laying down the Rules for Participation and dissemination in H2020*
 - *Decision establishing the Specific Programme Implementing H2020*
- +
- *Regulation for Euratom*



THE 3 PILLARS

Pillar I: Excellent science

Pillar II: Industrial leadership (*incl. biotechnology*)

Pillar III: Societal Challenges

The Seven Societal Challenges

1. Health, demographic Change and Well-being
2. ***Food Security, Sustainable Agriculture, Marine and maritime research and the bio-economy***
3. Secure Clean and Efficient Energy
4. Smart Green and Integrated Transport
5. Climate Action, Resource efficiency and Raw Materials
6. Inclusive Societies
7. Secure Societies

Societal Challenge 2: the four components

2.1 Sustainable agriculture and forestry

2.2 Sust. and competitive agri-food sector for a safe and healthy diet

2.3 Unlocking the potential of aquatic living resources

2.4 Sustainable and competitive bio-based industries



TOWARDS THE FIRST WORK PROGRAMME

PREPARATORY STEPS

Strategic Programming: priority setting on a three-year basis aligning implementation with major political initiatives (12 Focus areas).

Bi-annual work programmes: 2014-2015, 2016-2017, 2018-2019, 2020

Horizon 2020 Groups: Commission internal preparatory groups ensuring collective approach and consistency. One for each Societal Challenge. DG AGRI co-chairs with RTD the Horizon group for SC2

International Cooperation: COM Communication of September 2012

JTI – Bio-based Industries: COM proposal of 10 July

Advisory Groups

Calls: to be launched in December (11th)

PREPARATORY STEPS of DG AGRI

- **Creation of the Task Force for Research & Innovation**

Preparation of a document for discussion:

the "Strategic Action Plan"

covering the 1st sub-challenge

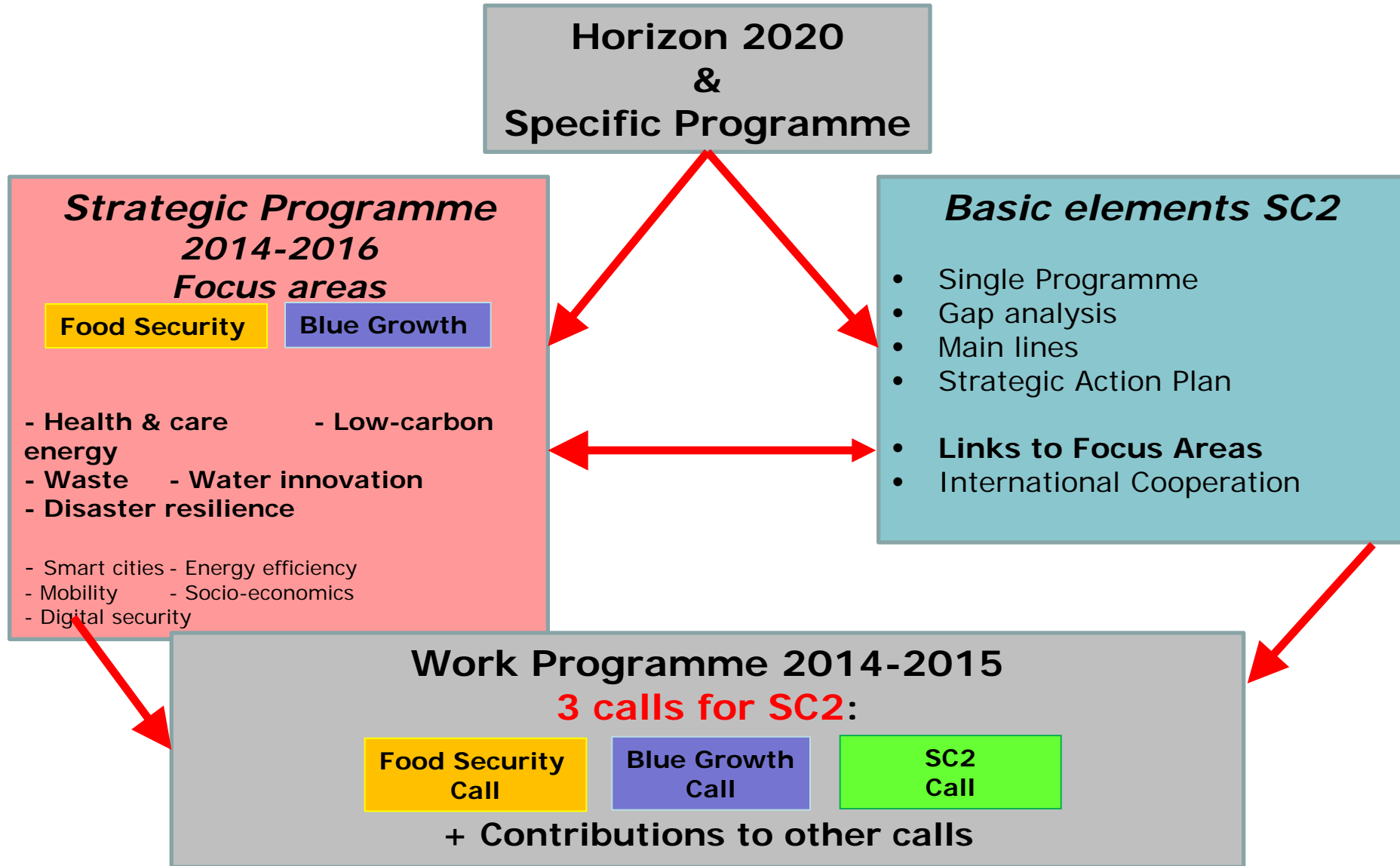
- **Close cooperation with RTD and other services for the 2014-2015 Work Programme**

The Strategic Action Plan

Status

Main priorities include:

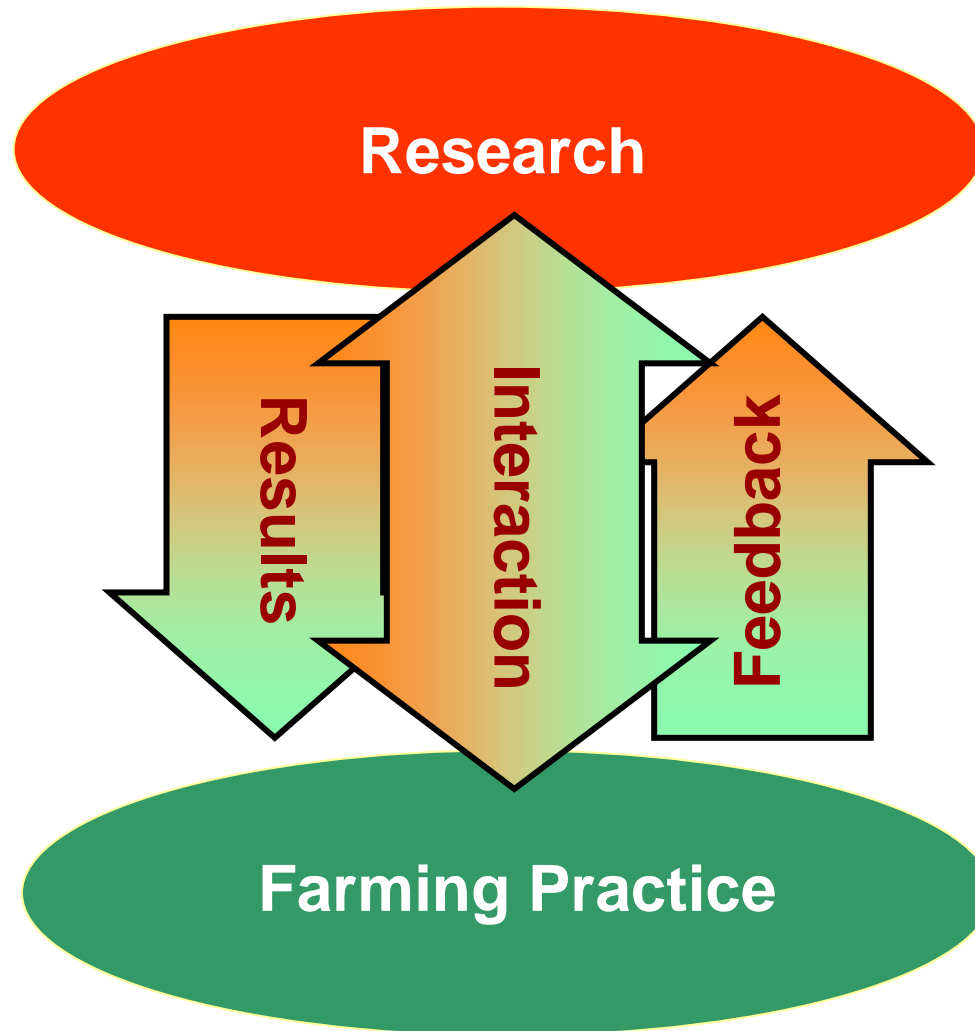
- **Resource efficient and competitive production systems (genetic resources and biodiversity, optimisation of sustainable production systems)**
- **Preventing and controlling pests and diseases**
- **Climate smart agriculture**
- **Fostering the sustainability of Forestry**
- **Balanced development of rural areas**

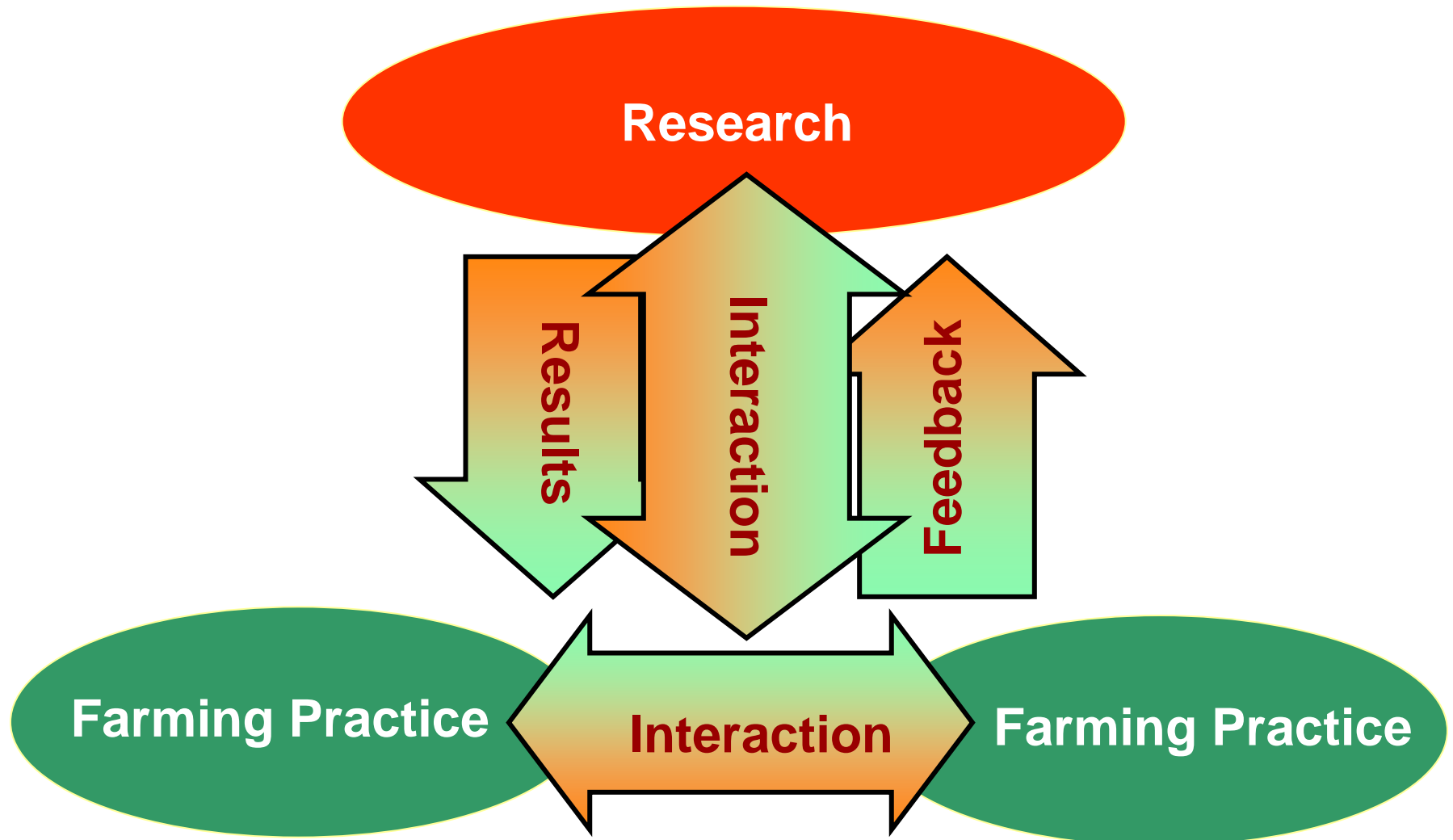


The European Innovation Partnership (EIP)

Agricultural Productivity and Sustainability

Closing The Innovation GAP





The Interactive Innovation Model

- Goes beyond the "linear innovation model").
- Adheres to the "interactive innovation model" :
demand-driven partnerships - bottom-up - linking farmers, advisors, researchers, businesses, and other actors in Operational Groups.

Key Acting Entities Within the EIP

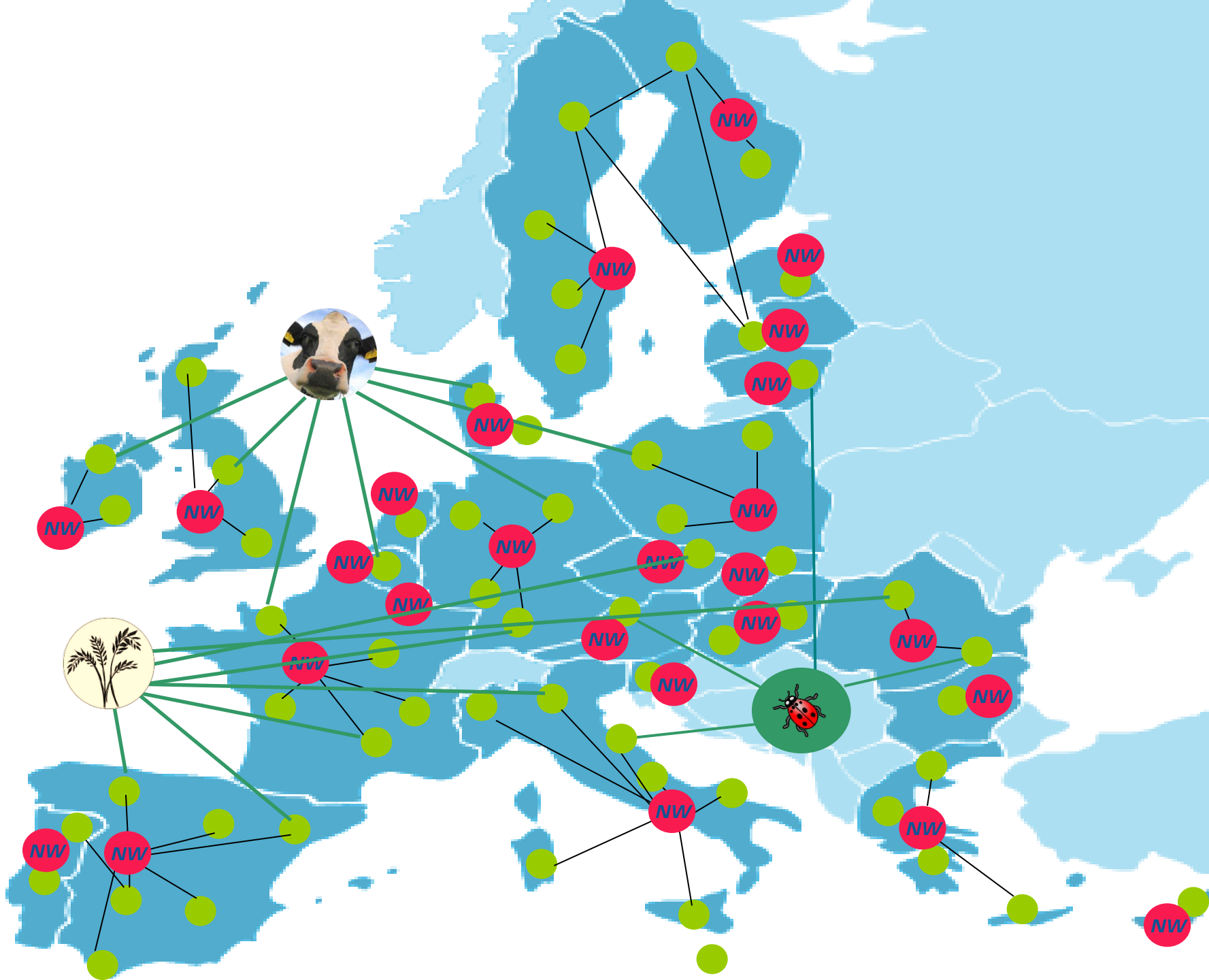
- Operational Groups -

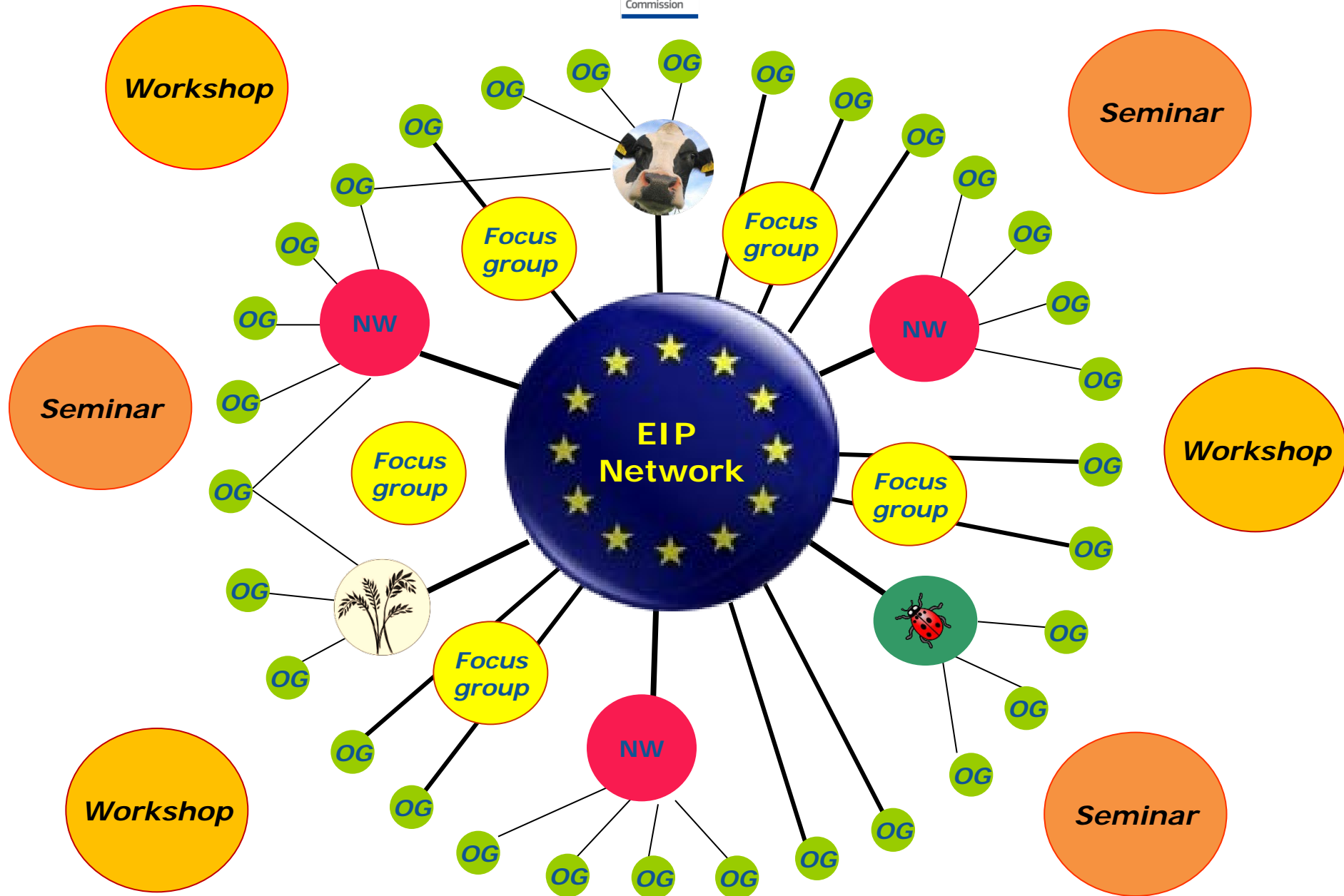




Different Sources of Funding for Operational Groups







The Focus Groups (max 20 experts)

- To create a forum for sharing knowledge and experience in the field of the Group's activity
- To propose directions for research, directions for projects/ideas for OGs, including ways to disseminate the practical knowledge gathered.
- 6 Focus Groups already identified:
 - ❖ *Organic farming (optimizing arable yields)*
 - ❖ *Protein crops*
 - ❖ *Animal husbandry (reduction of anti-biotic use in the pig sector)*
 - ❖ Genetic resources
 - ❖ Organic matter content of soils
 - ❖ Integrated pest management (IPM)

Thank You for Your Attention