



*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 (11<sup>th</sup>)



## **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**

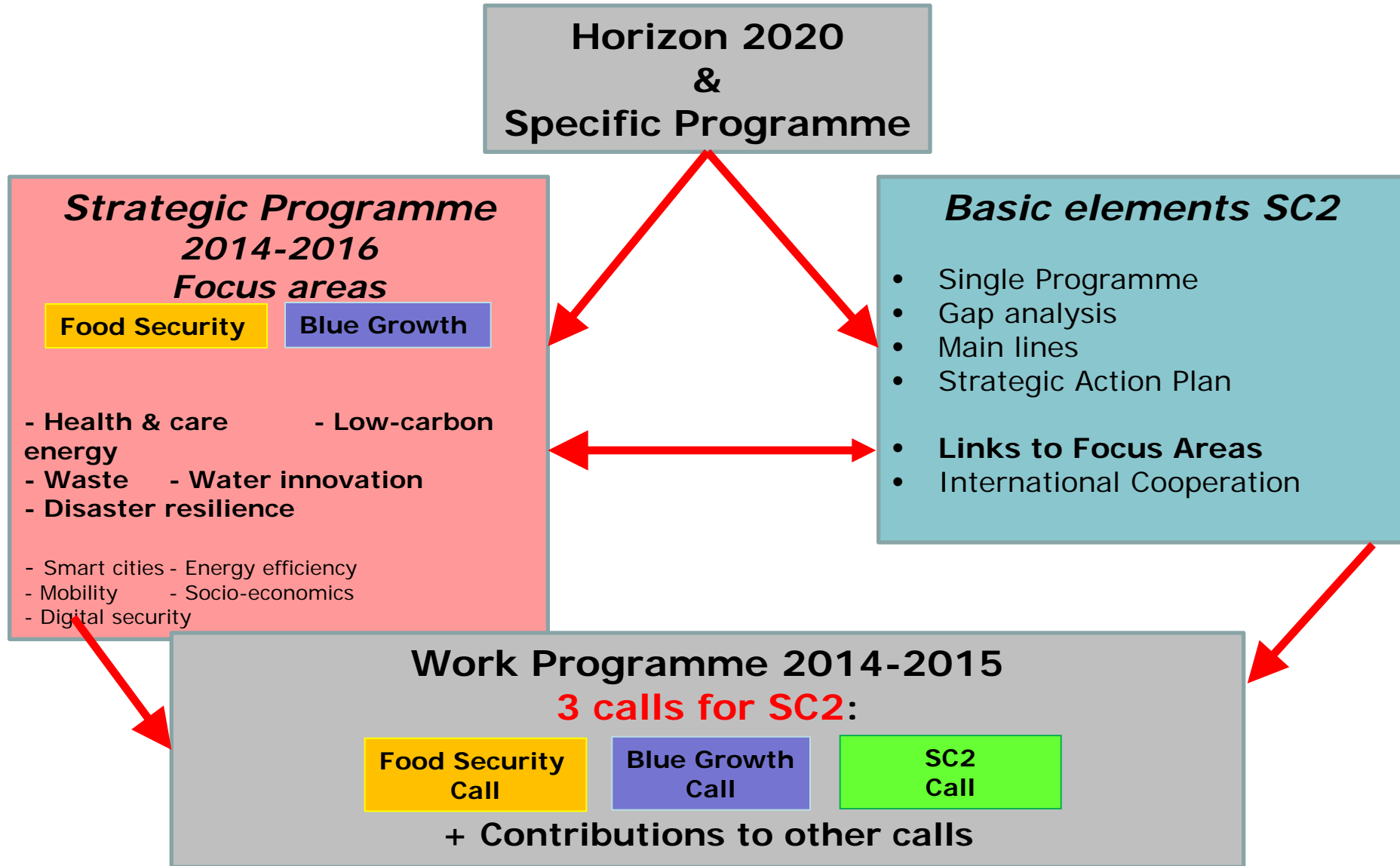
- **Close cooperation with RTD and other services for the 2014-2015 Work Programme**

## The Strategic Action Plan

### Status

### Main priorities include:

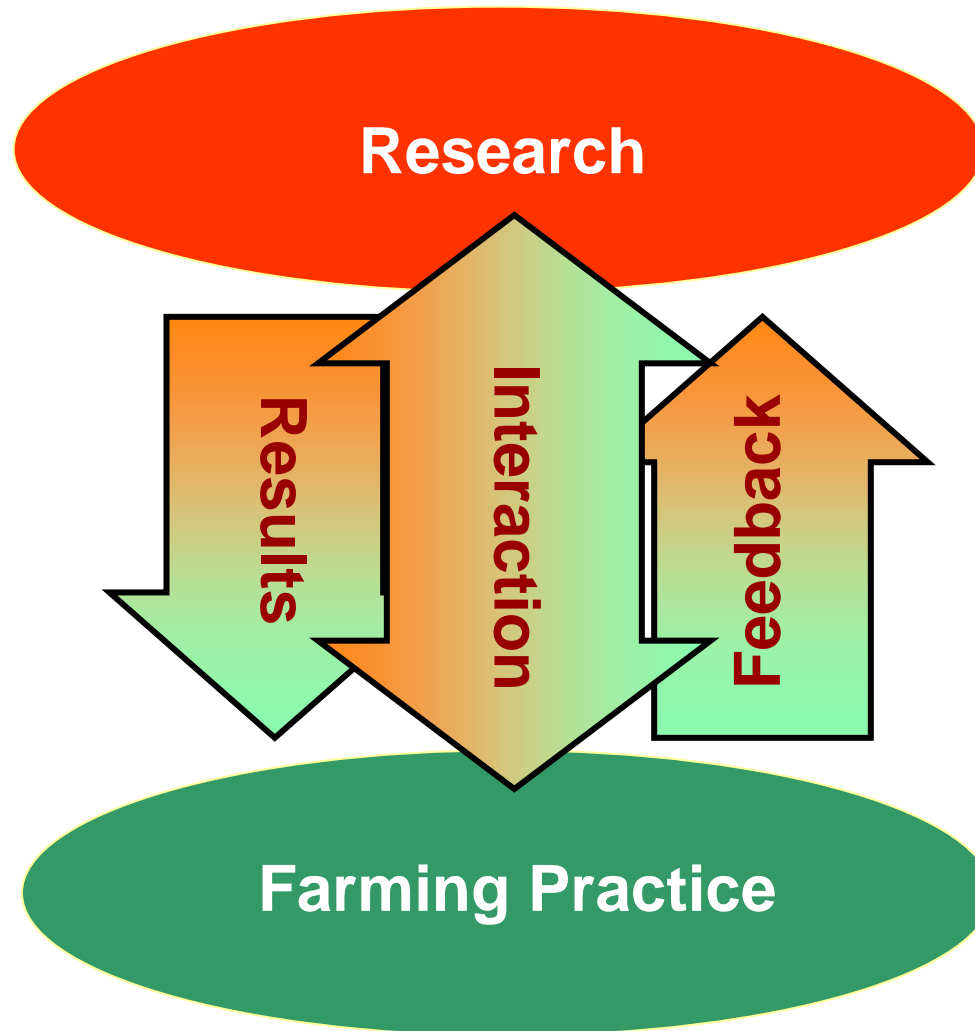
- **Resource efficient and competitive production systems (genetic resources and biodiversity, optimisation of sustainable production systems)**
- **Preventing and controlling pests and diseases**
- **Climate smart agriculture**
- **Fostering the sustainability of Forestry**
- **Balanced development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

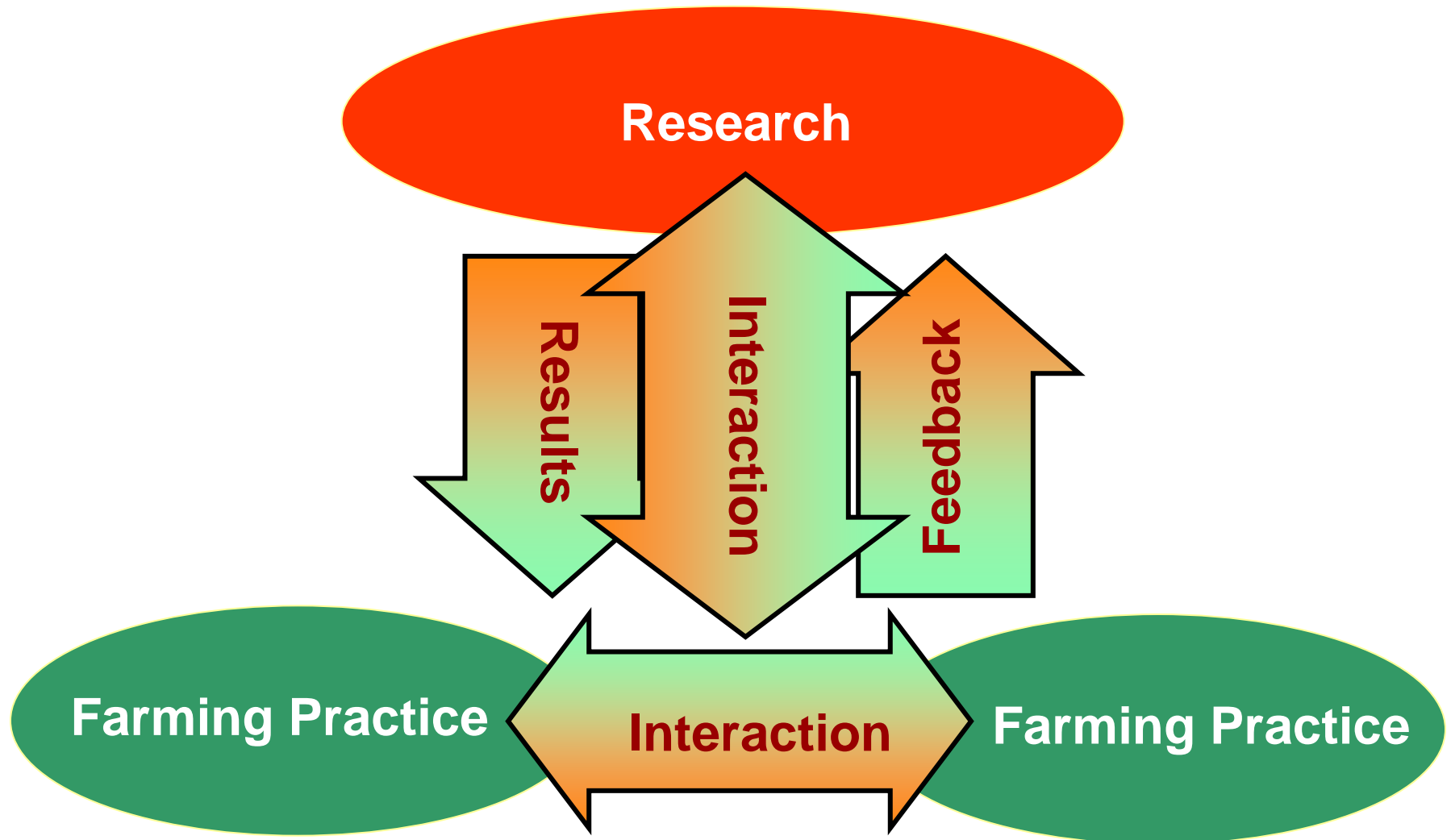


## The European Innovation Partnership (EIP)

### 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 -*

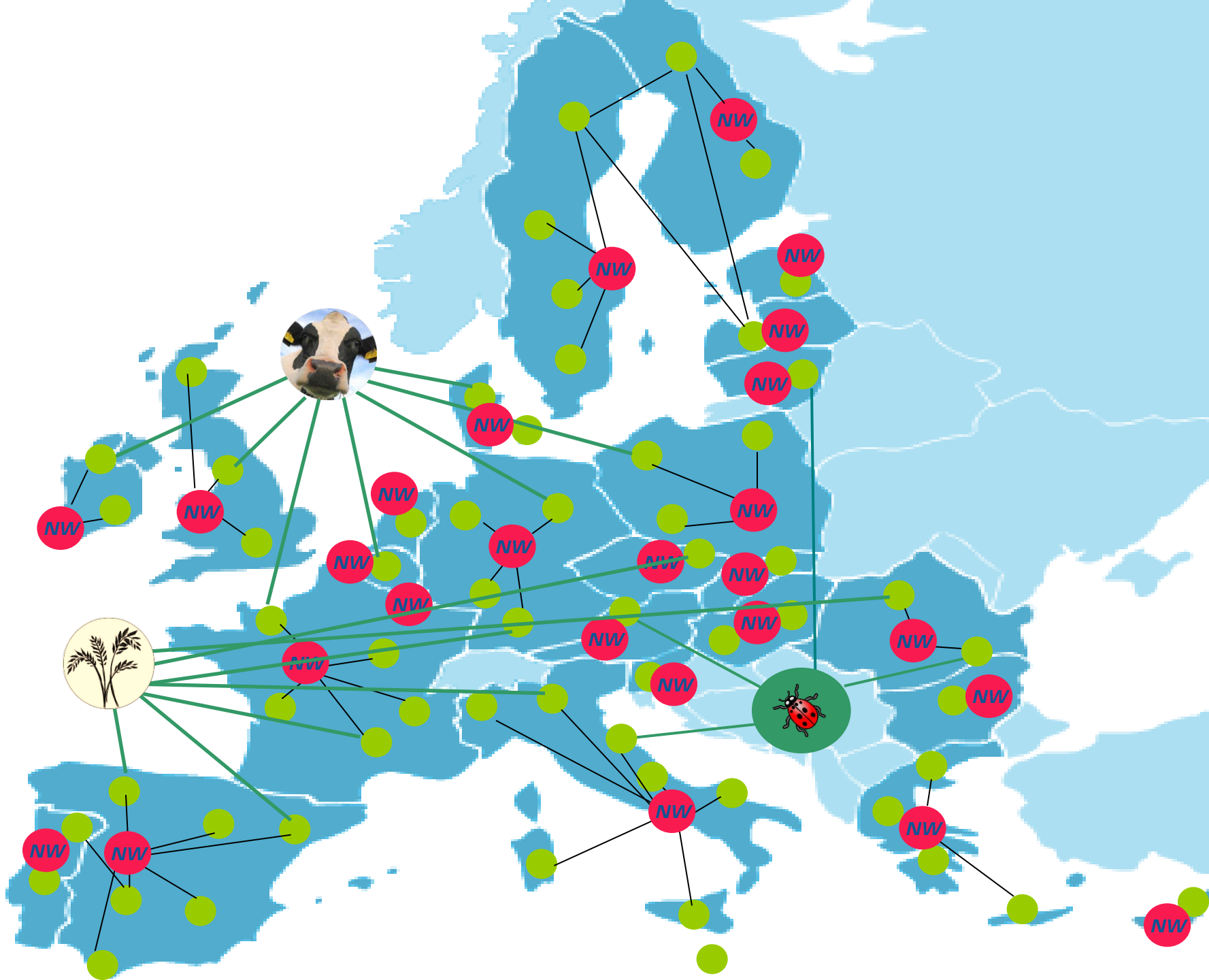


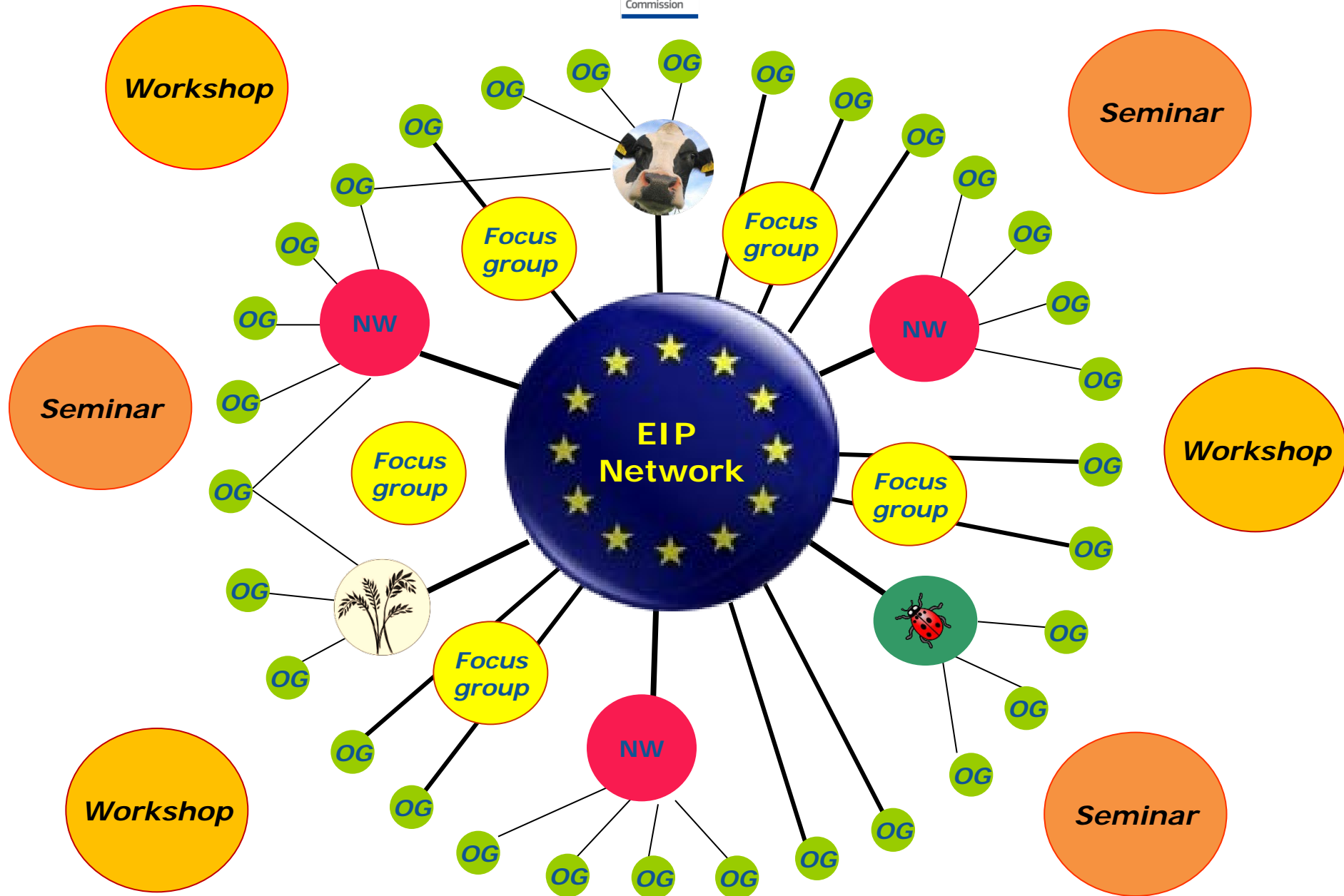




## *Different Sources of Funding for Operational Groups*







## 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**