



EIP-AGRI Workshop

'Opportunities for farm diversification in the circular bioeconomy'

DAY 1 – 6 FEBRUARY 2019

13:00 – 13:50

Welcome & introduction

- Ms. Sarah Watson, Lead facilitator. Warm up: who is in the room?
- Mr. Darius Liutikas, Vice-minister - Ministry of Agriculture of Lithuania. Welcome to Lithuania
- **Mr. Alberto D'Avino, European Commission DG AGRI. Introduction to DG AGRI and EIP-AGRI activities**
- Interviews with:
 - Mr. Paolo Mantovi, EIP-AGRI Operational Group representative
 - Ms. Efthymia Alexopoulou, Researcher
 - Mr. James Gaffey, BBI project representative
- Introducing the event programme and the Open Space opportunity, Ms. Sarah Watson

13:50 – 14:20

Presentations

- Mr. Liutauras Guobys, European Commission DG RTD. Introduction to the EU bio-economy strategy,
- Mr. Jose Ruiz ESPI, European Commission DG AGRI. Feedback on a workshop for policy makers on the integration of primary producers in the bio-economy,
- Ms. Laura Jalasjoki, ENRD Contact Point. State of play on the ENRD Thematic Group on the bio-economy,

14:20 – 14:40

The Bio-economy - a challenge and an opportunity for farmers

- Mr. Kevin O'Connor, Chairperson Scientific Committee BBIJU. Utilising relevant case studies to highlight practical opportunities for diversification into the bio-economy, focused on the farmer's perspective.

14:45 – 15:45

Presentations of four projects to highlight the broad variety of work being undertaken under the circular bio-economy theme

- Mr. Johan Sanders, CEO of Sannovations - Developer of small-scale bio-economy systems.
- Ms. Lucrezia Lamastra, Researcher at Università Cattolica Del Sacro Cuore - involved in two Operational Groups.
- Mr. Fernando Sebastián Nogués, Coordinator of AGROINLOG - H2020 project
- Ms. Tuula Raukola - Involved in various innovative projects in circular bio-economy in Finland

15:50 – 16:20

Coffee break

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Alberto D'Avino
European Commission, DG
Agriculture and Rural
Development



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The European Innovation Partnership for agricultural productivity and sustainability (EIP-AGRI)

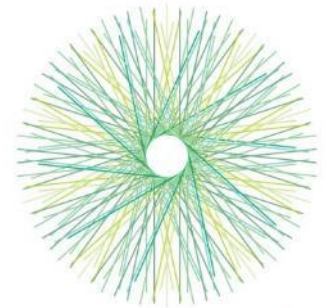


EIP-AGRI Workshop
“Opportunities for farm diversification in the circular bio-economy”
6 – 7 February 2019 – Vilnius, Lithuania



Alberto D’AVINO
European Commission - DG Agriculture and Rural Development

EIP-AGRI in a nutshell



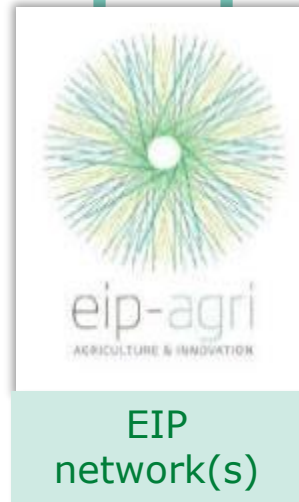
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- Launched by the Commission in February 2012 (COM (2012)79)
- Aim: Fostering a competitive and sustainable agriculture and forestry sector that 'achieves more from less'
- Approach: Closing the innovation gap between research and practice and forming partnerships by:
 - ✓ Using the interactive innovation model
 - ✓ Linking actors through the EIP-AGRI Network
 - ✓ Shape existing knowledge into solutions

Connecting policies: the bigger picture

CAP /Rural development (regional/national level)

HORIZON 2020 (European projects)



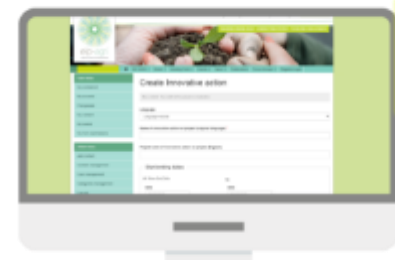
- **Research projects**
(knowledge base)
- **Multi-actor projects and thematic networks**
(interactive innovation)



Involvement of OGs is strongly recommended



Funding for:
OG preparation
OG projects
Innovation support services

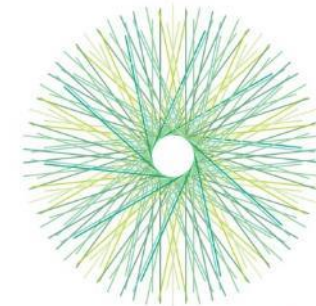


Unique EU knowledge repository
of contacts and practice abstracts



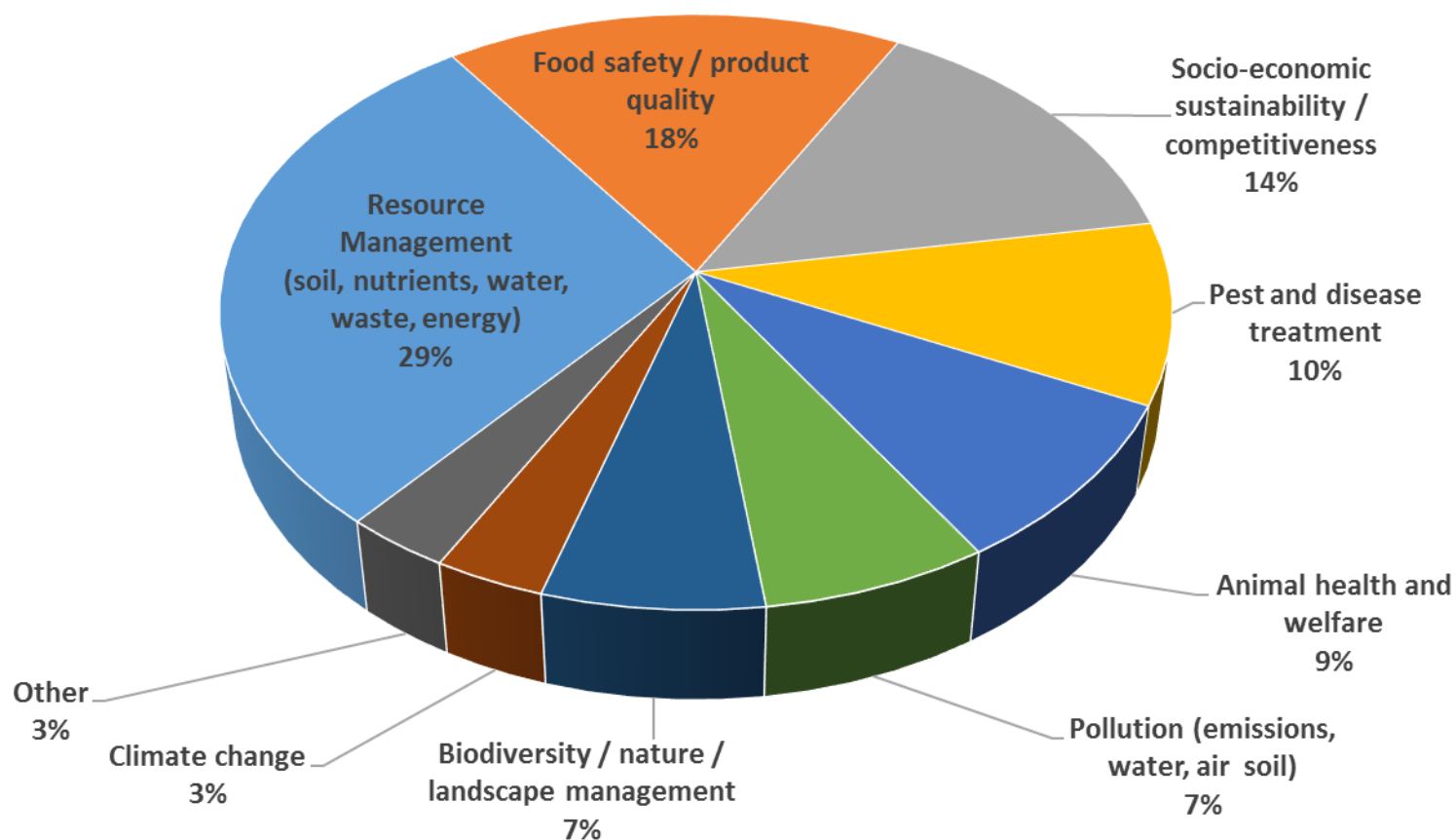
Spread
the results

Clustering of OG by type of challenge



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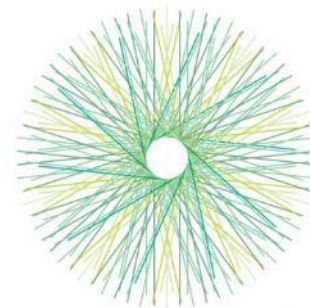
Type of challenge addressed (600 OG projects, 14 MS)



Source: OG assessment, by IDEA, Sept 2018, provisional results

H2020 multi-actor projects

- Involvement of actors with **complementary types of knowledge** (scientific and practical) in order to better target the **needs of end users** (demand-driven innovation)
- Improving impact (=real application of the results in daily practice) through **co-creation** by different types of actors (co-ownership)
- Clear role for the different actors in the work, including for the dissemination of results and the possible demonstration phase.
- **Results should feed into the EIP-AGRI** for broad dissemination as **practice abstracts** respecting a common format.
- **Involvement of RD operational groups** or other interactive innovation groups is **strongly recommended**.



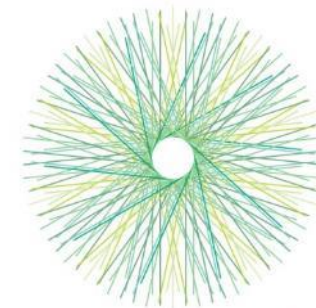
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Thematic networks compiling knowledge ready for practice

- **Particular format of multi-actor projects**, covering science and practice on specific themes.
- Themes are chosen fully **bottom-up**.
- Approach: collect and develop research results, scientific knowledge and best practices that are close to being put into application, but insufficiently known and/or used by people in the field.
- Aim: make **knowledge ready for practice**, for instance through information sheets and audio-visual material.
- Material should be available beyond the lifespan of the project on the main dissemination channels, notably the EIP-AGRI database.



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Thematic Networks
compiling knowledge ready for practice

Common challenges exist throughout Europe

Thematic Networks
• collect existing knowledge and best practices
• translate into practical information
• make available to all

Thematic Networks lead to a better uptake of existing solutions across Europe

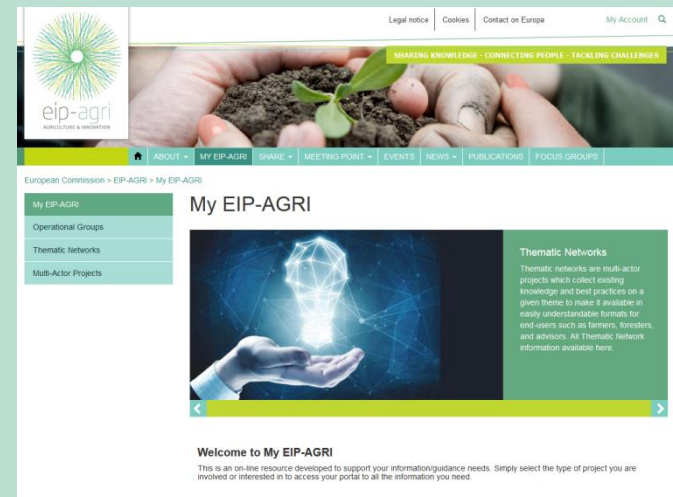
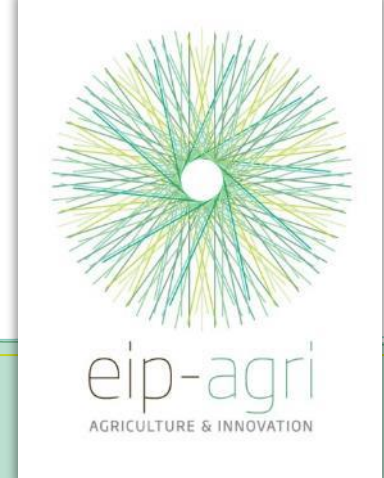
Join the EIP-AGRI network at www.eip-agri.eu

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EIP-AGRI – where are we?

- ✓ 27 Member States, 98 rural development programmes (out of 111) implementing the EIP
- ✓ Around 3 300 Operational Groups (OGs) planned in 2014-2020; almost 1000 OGs already running
- ✓ Over 100 H2020 multi-actor projects ongoing or completed, including 29 thematic networks; roughly 200 multi-actor projects for 1 bio Euro H2020 in 7 years
- ✓ A growing and thriving network

An increasing volume of practice-oriented knowledge !



www.eip-agri.eu

An EU wide EIP network, supported under Rural development policy

Linking with H2020

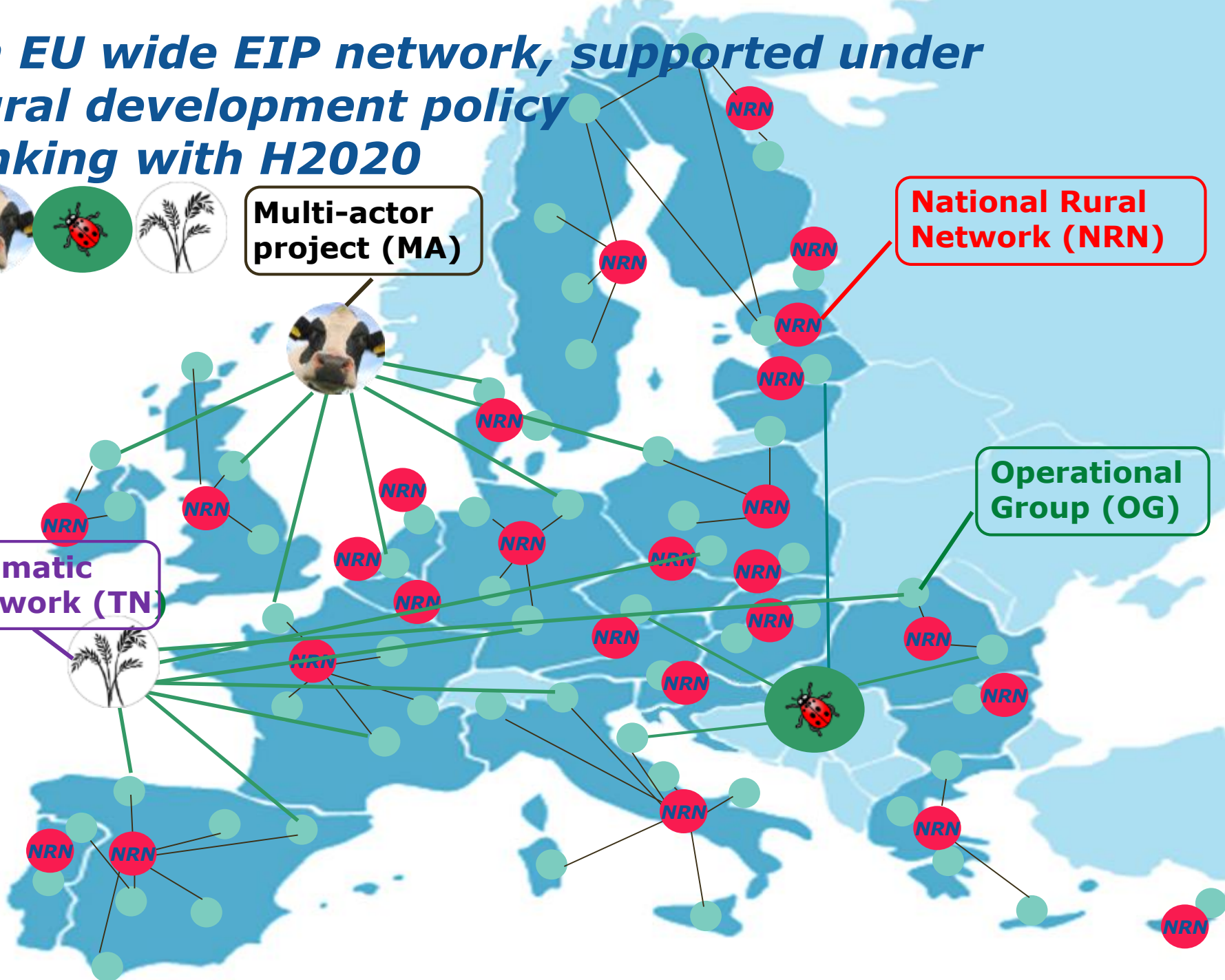


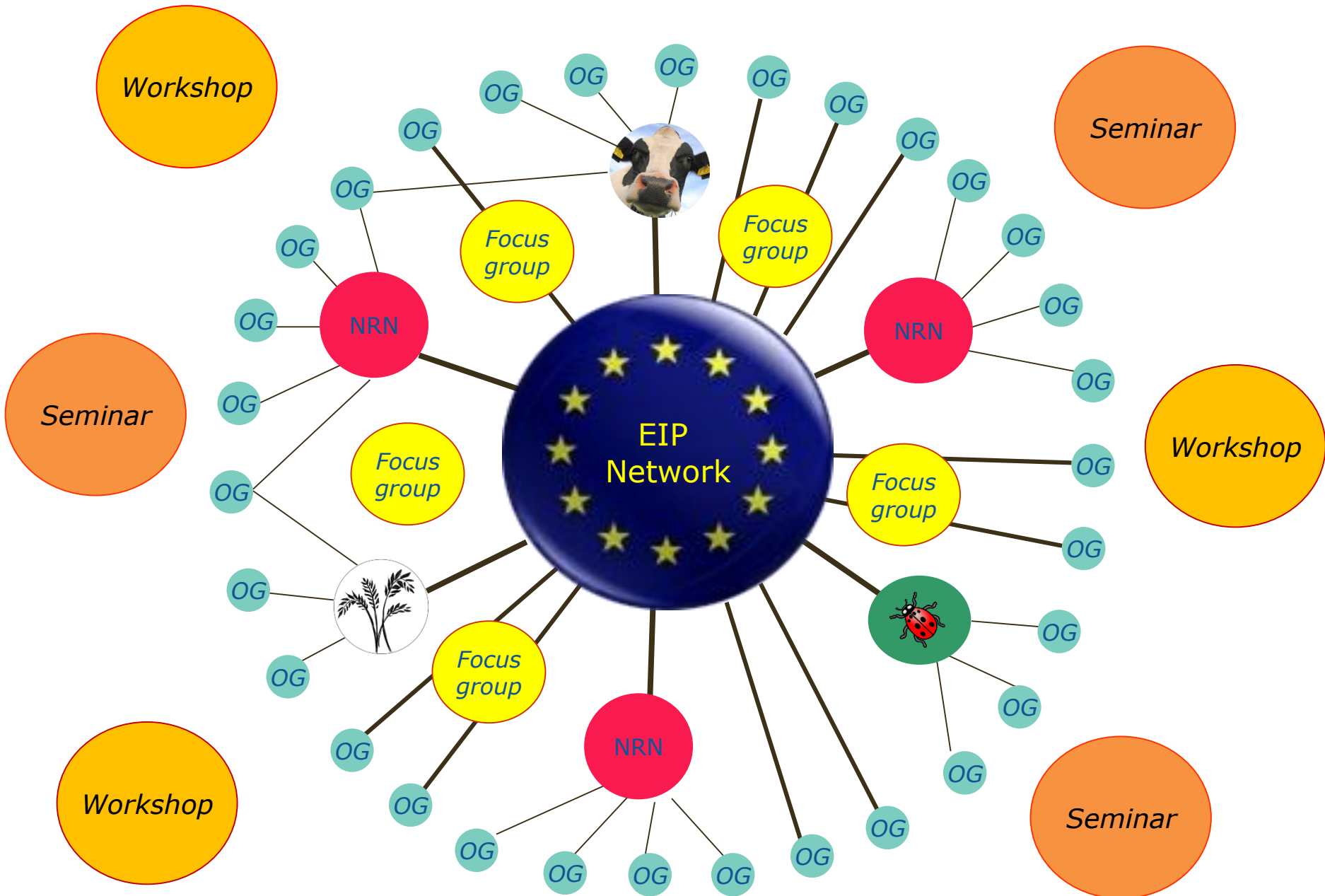
Multi-actor project (MA)

National Rural Network (NRN)

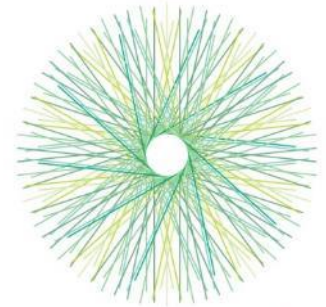
Operational Group (OG)

Thematic Network (TN)





Previous EIP-AGRI activities related to the bioeconomy: Focus Group



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EIP-AGRI Focus Group - "Enhancing production and use of renewable energy on the farm" (ongoing: report to be finalized in short)

Objective:

How to enhance production and use of renewable energy on the farm?

Scope:

- Identify challenges and opportunities of sustainable production and use of renewable energy at farm level
- Identify practical barriers to sourcing of materials, transportation and collection, transformation to energy, and distribution to farms or to public grids.
- Examine the trade-offs between all types of on-farm energy production and alternative uses (food, feed, other non-food).
- Develop collective selling approaches for farm-produced energy

First meeting: 21-22 November 2017 - Warsaw, Poland

Second meeting: 24-25 April 2018 - Milan, Italy



Previous EIP-AGRI activities related to the bioeconomy: workshops



Opportunities for agriculture and forestry in the circular economy

The 'circular bio-economy' is one where farmers and foresters take a leading role in developing the bio-economy and making it more sustainable by integrating circular activities and natural cycles into existing and new practices.

Circular economy places resource-efficiency at the centre of economic decision making and practice, ensuring added value and making sure that resources are maintained as long as possible so that they can be re-used again and again. Avoidable wastes are eliminated, demands on resources are minimised, efficiency is improved and costs reduced.

In agriculture and forestry this means:

- ▶ preserving and enhancing natural capital by balancing renewable resource flows
- ▶ optimising natural resource yields by circulating products, components and materials
- ▶ identifying waste outputs and detrimental practices from the beginning and conceiving/designing a process that eliminates them from the start
- ▶ encouraging interaction between people, understanding our resources and making the most of our unavoidable wastes

This means turning our wastes and residual materials into a 'resource', linking the end of one process to the beginning of another, creating feedback loops. This can be achieved at a variety of scales, whether on farm or within the forest, or through connecting a variety of individuals, businesses and sectors to make efficient use of resources over broader geographical areas.

"Ensuring that farmers and foresters benefit from circular activities is critical to their engagement and to the long-term sustainability of circular bio-economy in practice."
- Ben Allen (UK), Institute for European Environmental Policy -

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Building new biomass supply chains for the bio-based economy

Set up and foster cooperation mechanisms between agriculture, forestry and industry

Bio-based products can have a lower environmental and climate footprint than products based on non-renewable raw materials. There is a high potential for the production and use of renewable raw materials for industrial applications, notably the use of lignocellulose from agricultural and forestry residues, processing by-products/co-products and wastes, and industrial crops. New low-carbon, resource-efficient and sustainable value chains can be set up using this agricultural and forestry biomass to produce biochemicals, biomaterials and bioenergy. These chains will help diversifying the rural economy and strengthening the industrial base. They will support rural growth and employment, and will help to meet energy and climate policy targets for 2030.

The EIP-AGRI held the **EIP-AGRI Workshop 'Building new biomass supply chains for the bio-based economy'** on 27 and 28 May 2015 in Italy, with over 80 relevant stakeholders. The overall objective of the workshop was to help setting up and fostering cooperation mechanisms between agriculture/forestry and industry to guarantee a steady and reliable supply of renewable raw materials without compromising sustainability and fair income for the farmer and forest holders.

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Operational Groups

Innovation in the supply chain
The EIP-AGRI Workshop 'Innovation in the supply chain: creating value together' took place in Lyon (France) in February 2018. It brought together 48 Operational Groups and 9 research projects, including... [Read more](#)

REGISTER OR LOGIN TO "EIP-AGRI"

ASK A QUESTION OR PROVIDE FEEDBACK

Relevant documents

REPORT: EIP-AGRI Workshop Innovation in the supply chain: Short report [Read more](#)

REPORT: EIP-AGRI Communication survey 2018 [Read more](#)

BROCHURE: EIP-AGRI Brochure Operational Groups - Collaborate to innovate [Read more](#)

EIP-AGRI DOCUMENT: Operational Groups represented at the EIP-AGRI Workshop 'Innovation in the supply chain' [Read more](#)

EIP-AGRI DOCUMENT: EIP-AGRI Focus Group on Circular Horticulture: Starting paper [Read more](#)

FACTSHEET: EIP-AGRI Factsheet on Skills development [Read more](#)

FACTSHEET: EIP-AGRI Factsheet on Strengthening links between research and practice [Read more](#)

[VIEW MORE](#)

Discover "Operational Group" Projects

Latest projects

UNITED KINGDOM - 27 MARCH 2018
Potato blight control using components of indigenous non-food waste plants [Read more](#)

Spain - 23 FEBRUARY 2018

Key questions & information

EIP-AGRI Concept

What is innovation?

EIP-AGRI Operational Groups – basic principles

Explore the Operational groups and other inspiring projects

Share the calls for EIP-AGRI Focus groups

Participate in EIP-AGRI events and share your events!

Register today!

Many thanks for your attention!

