

R&I support to biomass supply for the bioeconomy via the European Innovation Partnership (EIP) „Agricultural Productivity and Sustainability“



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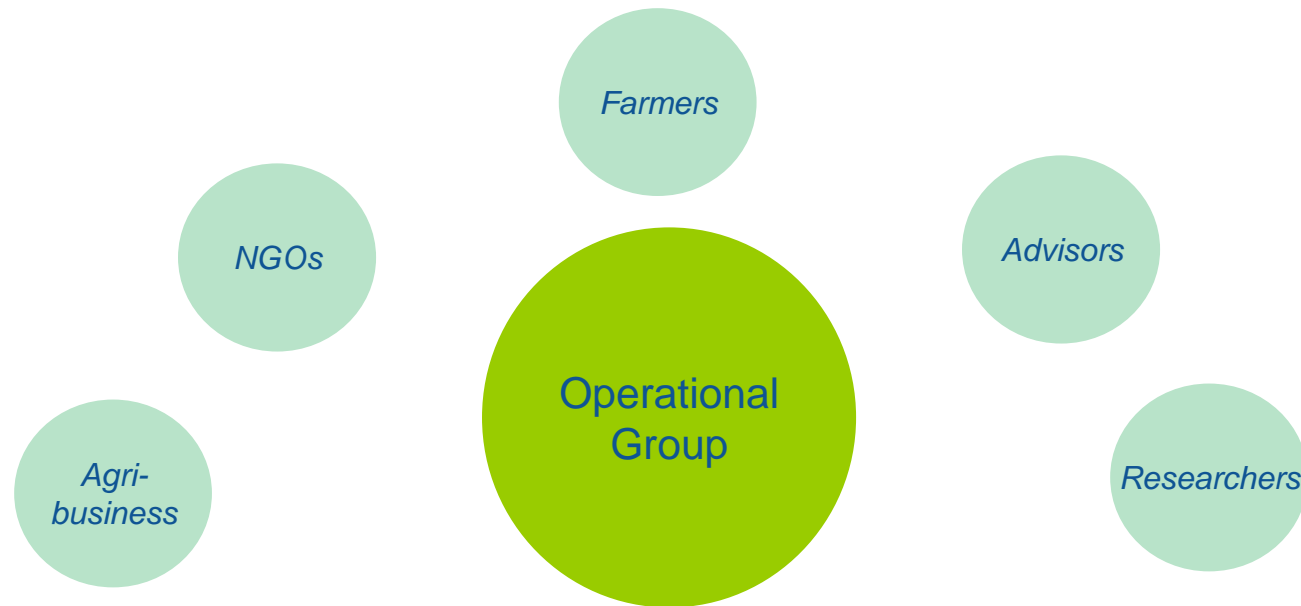
EIP – AGRI in short

- **Commission Communication COM (2012) 79**

Innovation Union Flagship Initiative: EIPs link existing policies and instruments to speed up innovation

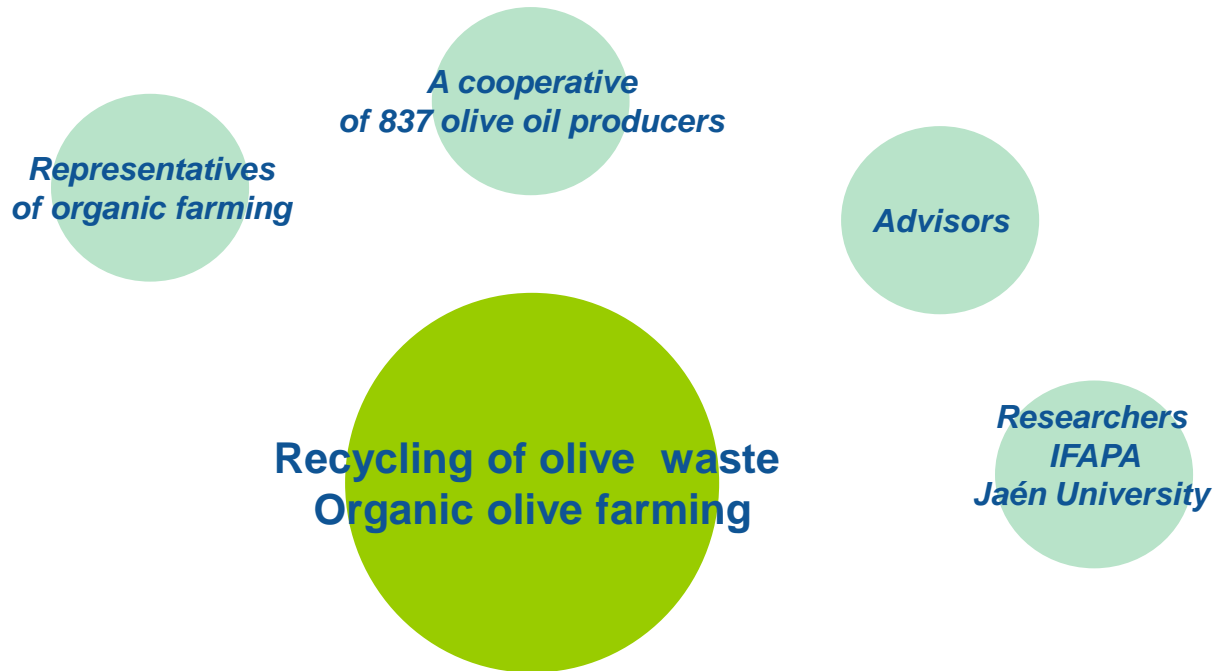
- **Aim:** To foster a competitive and sustainable agriculture and forestry sector that "achieves more from less"
- **Approach:** "Closing the innovation gap" between research and practice by using the **interactive innovation model**
 - + Link actors via an **EIP Network:** communication, partnering, dissemination, knowledge flows and collecting practice needs
- **Funding:** using existing Union policies:
CAP Rural development , interaction with "Horizon 2020"

Interactive innovation model



*"Operational Group" = a team composed of **actors** relevant for the project, working together in an interactive innovation project and producing concrete results*

An example of project: **“Composting plant (olive cake, pruning residues, leaves and liquid effluent from the mill) adds value to waste” (ES)**



Objective: Recycling waste products that can pollute soil and water systems to produce fertilisers and supporting organic olive farming

1. EU support under Rural Development

EIP – AGRI: The Rural Development Side

- The new legislative framework has been set

- 17 December 2013: Adoption of CAP package

- 20 December 2013: Publication of Rural Development Regulation

- Currently: negotiations of Rural Development Programmes
- 23 RDPs approved out of 112 (89 should include EIP measures)

- Innovation as cross-cutting objective
- EIP-AGRI as innovation tool to achieve Union priorities for rural development (***NEW***)

Aims of the EIP-AGRI

according to Rural Development Regulation N° 1305/2013 (Article 55)

- Resource efficient, economically viable, productive, competitive, low emission, climate friendly and resilient agriculture and forestry sector
- Steady and sustainable supply of food, feed and biomaterials, both existing and new ones
 - *(Art 5): facilitating the supply and use of renewable sources of energy, of by-products, wastes and residues and of other non-food raw material, for the purposes of the bio-economy.*
- Improved processes to preserve the environment, adapt to climate change and mitigate it
- Building bridges between research and farmers, businesses and advisory services

EIP Implementation via RDPs

- The EIP aims at a **flexible and open system** for the creation of a **multiplicity of operational groups**
- Establishment of operational groups (Art. 56, 35 and other) can be 100% bottom-up
- Each operational group must establish its **plan on expected results** and **share results** within the EIP network
- Possible **combination** of co-operation in "operational groups" with other measures such as knowledge transfer, advisory services, investment aid etc.

2. The EU wide EIP network

EIP-AGRI network function

- **Collect** information (practice needs, research and innovation projects etc.) and best innovation practices
- Effective **flow of information** (website, databases)
- **Give advice** and **partnering** on opportunities within policies (helpdesk function)
- Sharing knowledge on concrete practical work and **connect actors**
- Systematic **feedback** to the scientific community about practice needs (Art.12 H2020)



EIP-AGRI website

www.eip-agri.eu

The one-stop-shop for agricultural innovation

- Search for people, partners, projects
- Search for research needs
- Find information & inspiration
- Share your results

Register on the website and start searching the network today!



EIP-AGRI Workshop 'Building new biomass supply chains for the bio-based economy'

- 27-28 May in Sardinia
- The overall objective = foster **co-operation mechanisms between agriculture/forestry and industry** to guarantee:
 - a steady and reliable supply of renewable raw materials for the industry without compromising sustainability;
 - and a fair income for the farmer and forest holders.
- Case study & field visit: Coldiretti/Novamont agreement for the supply of Matrica plant
- Participants from relevant sectors including farmers, forest holders, cooperatives, industries, national/regional public authorities, and innovation support services (e.g. advisers, clusters, researchers). *80 participants registered.*

3. 2014-2020 Research and Innovation Framework "Horizon 2020"

Primary production and biobased economy research under HORIZON 2020

•Excellent science

•ERC, Marie Curie, FET, Infrastructures,

•Industrial leadership

•LEIT, Risk Finance, SME

•Societal challenges

BBI JU
EC: 1b€
Industry: 2.8b€

1. Health, demographic change and wellbeing

2. Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy ca. 3.8 bn€

3. Secure, clean and efficient energy

4. Smart, green and integrated transport

5. Climate action, resource efficiency and raw materials

6. Inclusive, innovative and reflective societies

7. Secure societies

Current and future opportunities in H2020?

- H2020 – WP2015 – WASTE-7: Ensuring sustainable use of agricultural waste, co-products and by-products (RIA, 1st stage: 21/04/2015, 2nd stage: 08/09/2015)
- H2020 – WP2015 – LCE-12: Demonstrating advanced biofuel technologies (IA, single stage: 05/05/2015)
- H2020 – WP2015 – LCE-14: Market uptake of existing and emerging sustainable bioenergy (CSA, single stage: 05/05/2015)
- BBI Joint Undertaking: WP2015 to be published in June, Info Day: 26 June, Brussels
- H2020 – WP2016/17 to be published in October 2015, Info Day: 21 November SC2, Brussels



More information:

<http://ec.europa.eu/eip/agriculture/>

http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/search/search_topics.html

Thank you for your attention!