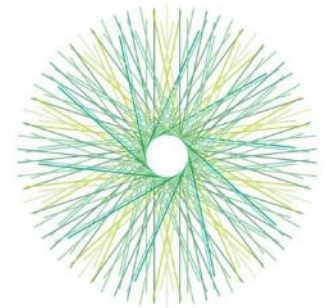


The European Innovation Partnership “Agricultural Productivity and Sustainability” or EIP-AGRI and the Service Point

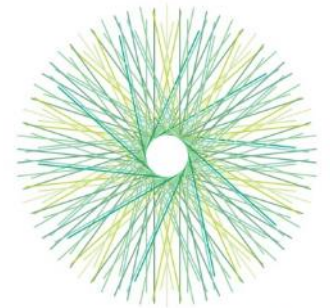


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Conference Environmental Sensing (MONALISA)
Quico Ónega, EIP-AGRI Service Point
Bolzano, 25 November 2016

EIP-AGRI in a nutshell



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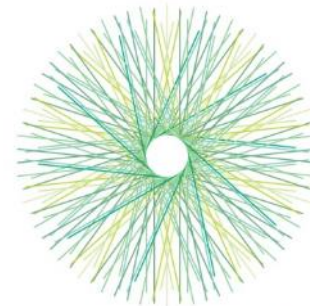
Aim: To foster a competitive and sustainable agriculture and forestry sector that "achieves more from less"

Approach: Closing the innovation gap between research and practice by:

- using the interactive innovation model
- linking actors via the EIP Network



Means to implement the EIP-AGRI



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Rural Development Programmes

- **Operational Groups**
- Project funding
- Innovation support services

Horizon 2020 (EU Research Policy)

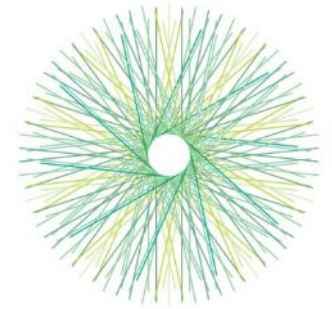
- **Multi-actor research projects** involving the agricultural community
- **Thematic networks**, unlocking and exchanging knowledge across the EU



EIP-AGRI Network



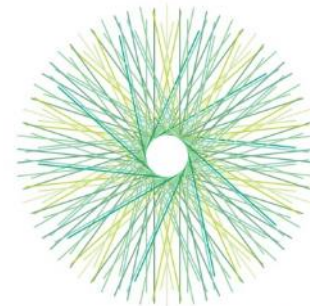
Rural Development Programmes



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Setting up an Operational Group



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Number of planned EIP Operational Groups in the approved RDPs (2014 - 2020)



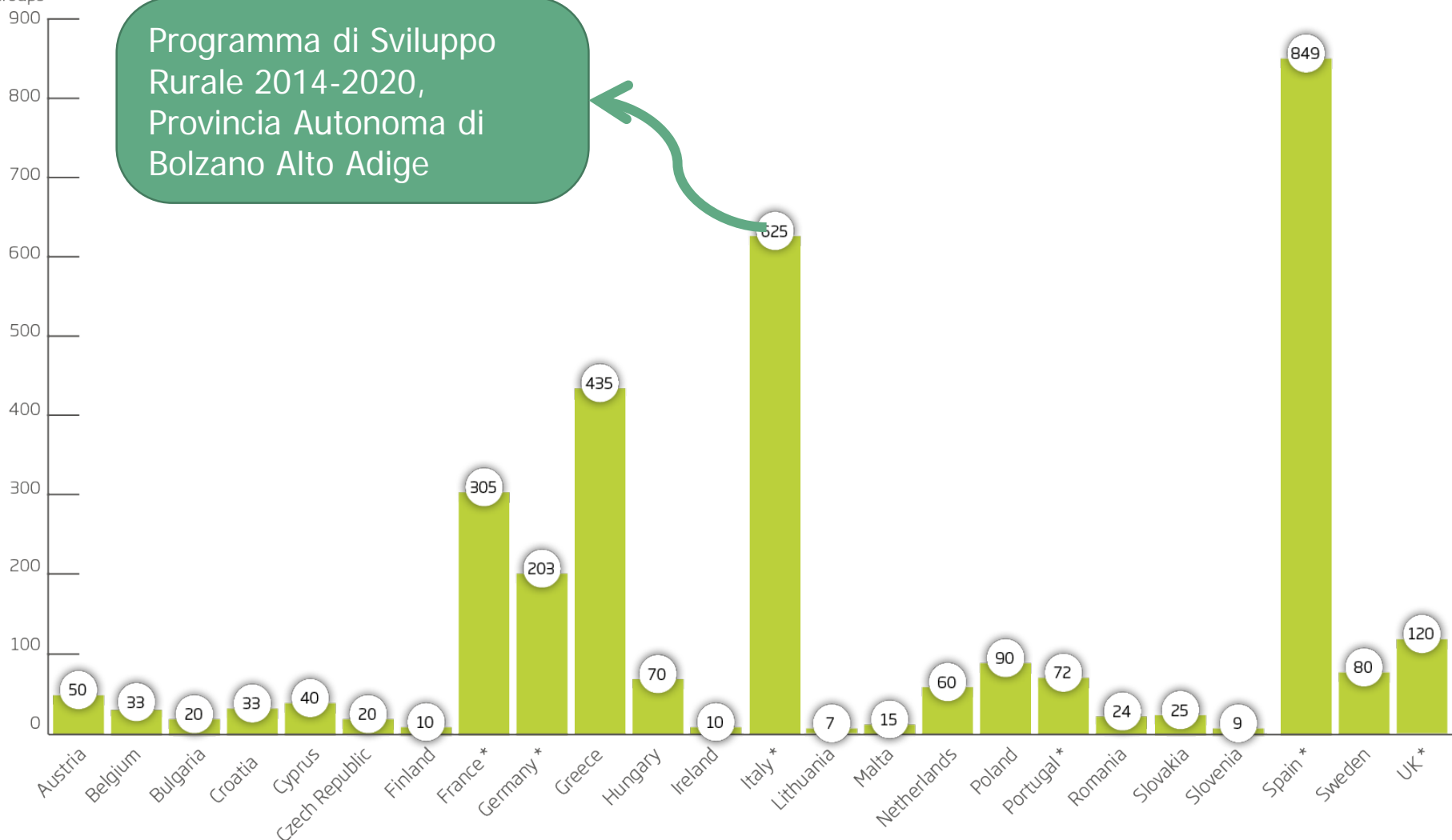
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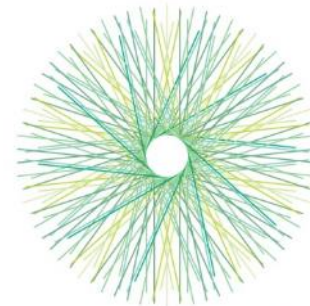
European
Commission

Operational
Groups



* sum of single RDPs approved as of 11 December 2015
source: European Commission

Operational Groups 2016



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In November 2016 around 200 OGs have started

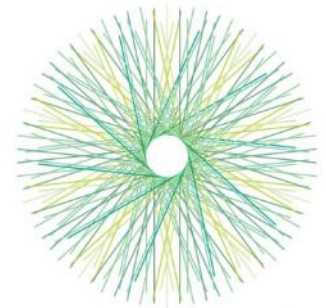
For those countries/regions where information has been put on-line, you may find the links in the:

NEW Operational Groups section

Also see the new video and brochure



The Italian Rural network resources

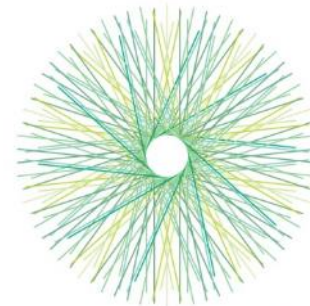


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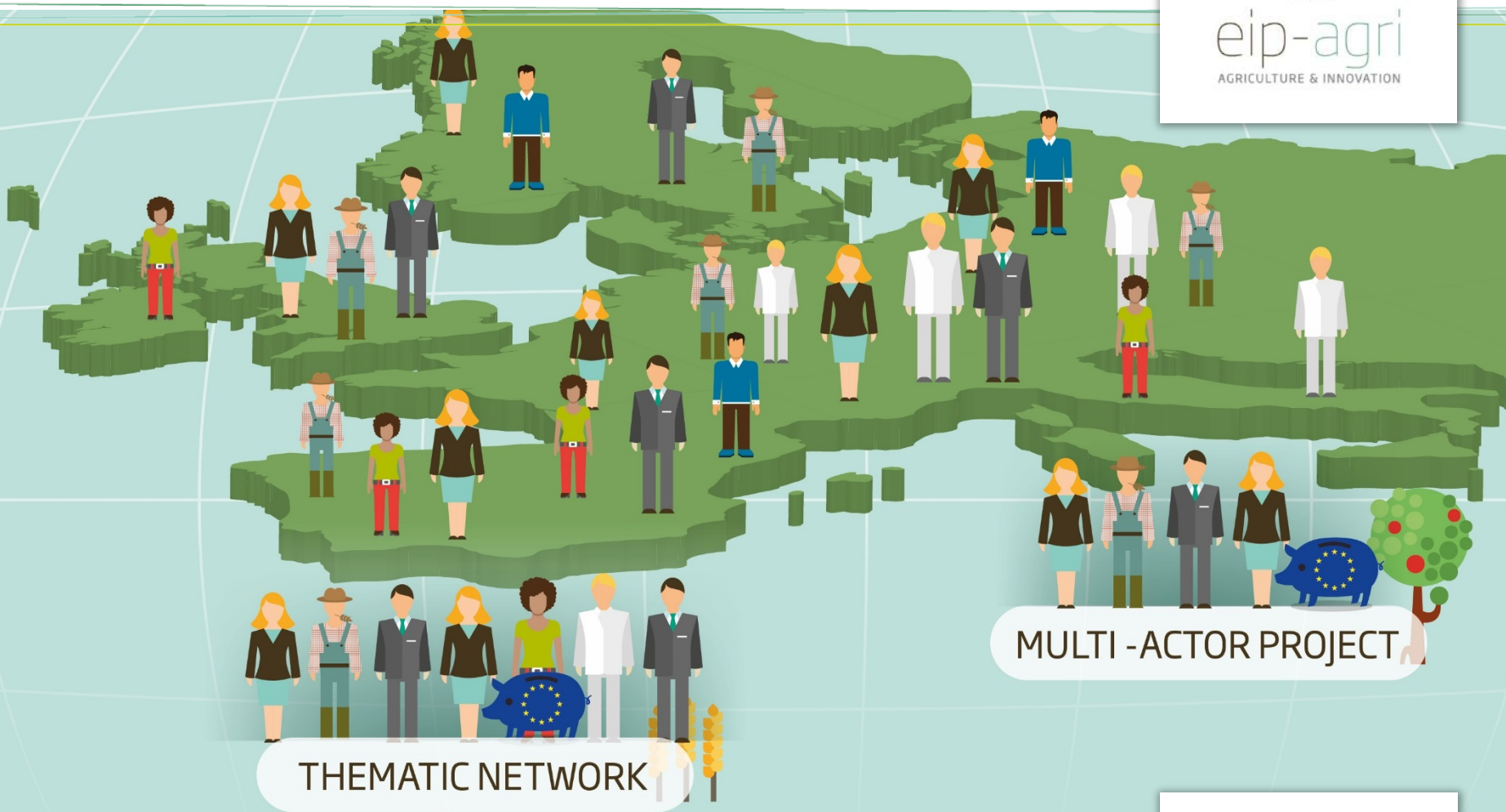
- <http://www.reterurale.it/innovazione> :
- An EU section
- Section “il PEI in Italia” about EIP programming in the Italian RDPs.
 - Here in **“strumenti utili ai GO”** you will find also the 4 *“national templates”* the NRN prepared and to be used by OGs and by RDPs MAs: “partnership agreement” ; “template for the presentation of the project”; “rules of procedures for partnership” and “basic monitoring info on OGs”.
 - They are all downloadable here :
<http://www.reterurale.it/flex/cm/pages/ServeBLOB.php/L/IT/IDPagina/16273>
- “Panorama Innovazione” info on the existing national data bases about research results and innovation catalogues; as well as national strategic documents about innovation needs in specific sectors.
- “Formazione” section dedicated to the national implementation of RDP measure 1 *“Knowledge transfer and information actions”*



Horizon 2020 Societal Challenge 2



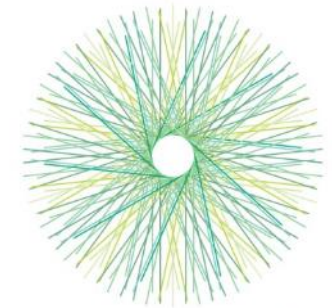
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THEMATIC NETWORK

MULTI-ACTOR PROJECT

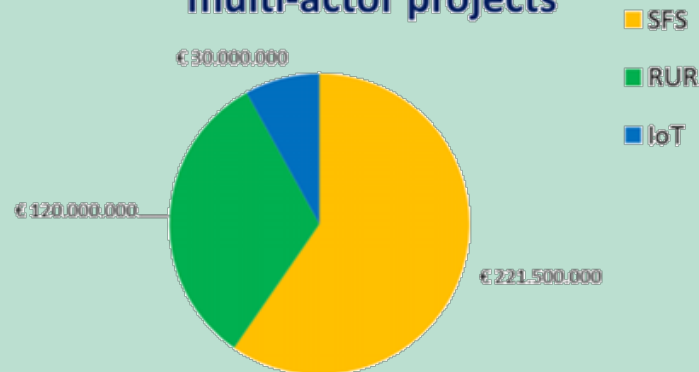
Multi-actor approach in H2020 SC2



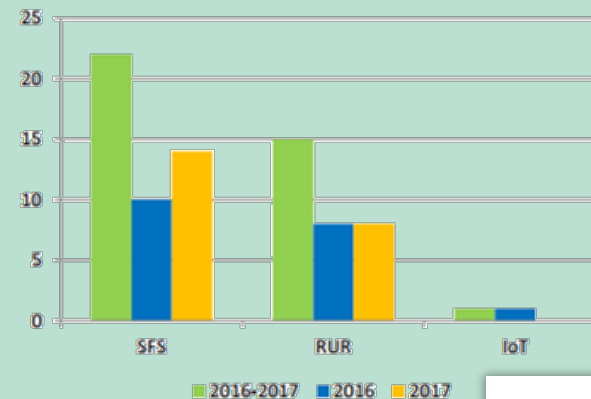
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- Aims at more **demand-driven innovation** through the genuine and sufficient **involvement of various actors** (end-users such as farmers/farmers' groups, fishers/fisher's groups, advisors, enterprises, etc.) **all along the project**: from the participation in the planning of work and experiments, their execution up until the dissemination of results and a possible demonstration phase (p. 10 WP 16-17).

Distribution of budget for multi-actor projects



Number of multi-actor topics in WP2016-2017



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H2020 SC2: Work Programme 2018-2020 preparation



Various stakeholder engagement activities and consultations:

- Advisory group report
- Stakeholder consultation
- Strategic approach to EU agricultural research and innovation
- EIP-AGRI Network
- AGRI Research workshops
 - 'Digitising the agri-food sector' (28.09.2016, Brussels)

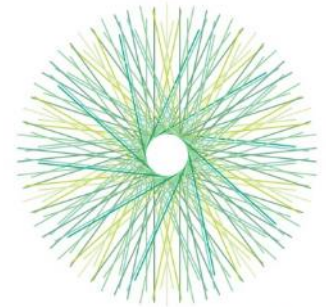
<https://ec.europa.eu/programmes/horizon2020/en/food-security-sustainable-agriculture-and-forestry-marine-maritime-and-inland-water-research-and-0>

The screenshot shows the Horizon 2020 website interface. At the top, there is a navigation bar with the European Commission logo and the text 'HORIZON 2020 The EU Framework Programme for Research and Innovation'. Below this is a secondary navigation bar with links: 'Home', 'What is Horizon 2020?', 'Find Your area', 'How to Get funding?', 'News, Events & Publications', and 'Projects'. The main content area features a blue header with the text 'What is Horizon 2020?' and a question mark icon. The article title is 'Food Security, Sustainable Agriculture and Forestry, Marine, Maritime and Inland Water Research and the Bioeconomy - Work Programme 2018-2020 preparation'. The article text begins with 'Preparation of the work programme 2018-2020 for Societal Challenge 2 has started and will involve various stakeholder engagement activities and consultations.' It then lists several key activities: 'Advisory group report', 'Stakeholder consultation', and 'Strategic approach to EU agricultural research and innovation'. Each activity is followed by a brief description of its purpose and timeline. The 'Advisory group report' section mentions that the group started work in February 2016 and will produce a report by summer 2016. The 'Stakeholder consultation' section notes that a consultation questionnaire is available online from June 2016 to August 2016. The 'Strategic approach' section describes a participatory process launched in June 2015 to develop a long-term strategy for EU agricultural research and innovation, with a final paper expected in September 2016. The 'European Innovation Partnership for Agricultural productivity and sustainability (EIP-AGRI)' section explains that agriculture and forestry stakeholders are engaged in reflection on the research agenda via the EIP-AGRI network and activities, including focus groups, workshops, and events on themes like 'Data resolution' and 'Food and cities'.

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A Strategic approach to EU agricultural research & innovation



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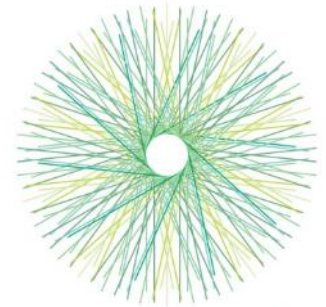
Expectations are high that the increased availability of **data and their use through of ICT, predictive tools and precision technologies** will allow to target resource-use in farms and forests more effectively.

A Strategic approach to EU agricultural research & innovation (EC, 2016)

<https://ec.europa.eu/programmes/horizon2020/en/news/final-paper-strategic-approach-eu-agricultural-research-and-innovation>



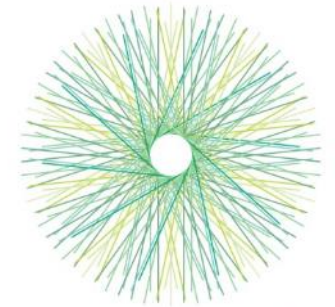
AGRI Research Workshop: Digitising the agri-food sector



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- Define appropriate research and innovation priorities to support demand-led digitization of the agri-food sector (potential inclusion in the 2018-2020 Work Programme of Horizon 2020).
 - From Precision Farming concept to "Digital Agriculture"
 - Where digital technologies can provide solutions to practical problems?
 - Which are the specific needs of the various end-users?
- Disruptive ICT trends: mobile cloud computing, IoT, location based monitoring, social media, Big Data...
- *Smart* agri-food projects
- Report by end November

The EIP-AGRI Network: connecting people & sharing knowledge to tackle challenges



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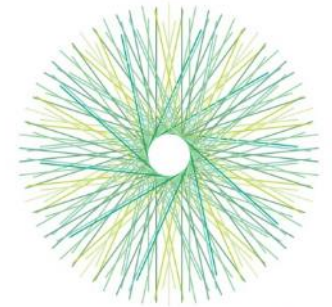


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EIP-AGRI Network

Sharing Knowledge – connecting people – tackling challenges



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EIP-AGRI Service Point
SHARING KNOWLEDGE - CONNECTING PEOPLE - TACKLING CHALLENGES
SERVICES

HELPDESK

FOCUS GROUPS

WORKSHOPS & SEMINARS

Online & Printed Publications

Database

Connecting farmers, researchers, advisors,
businesses, environmental groups,
consumer interest groups and other NGOs

Funding opportunities
Research needs from practice
Experts
Case Studies
Finding partners

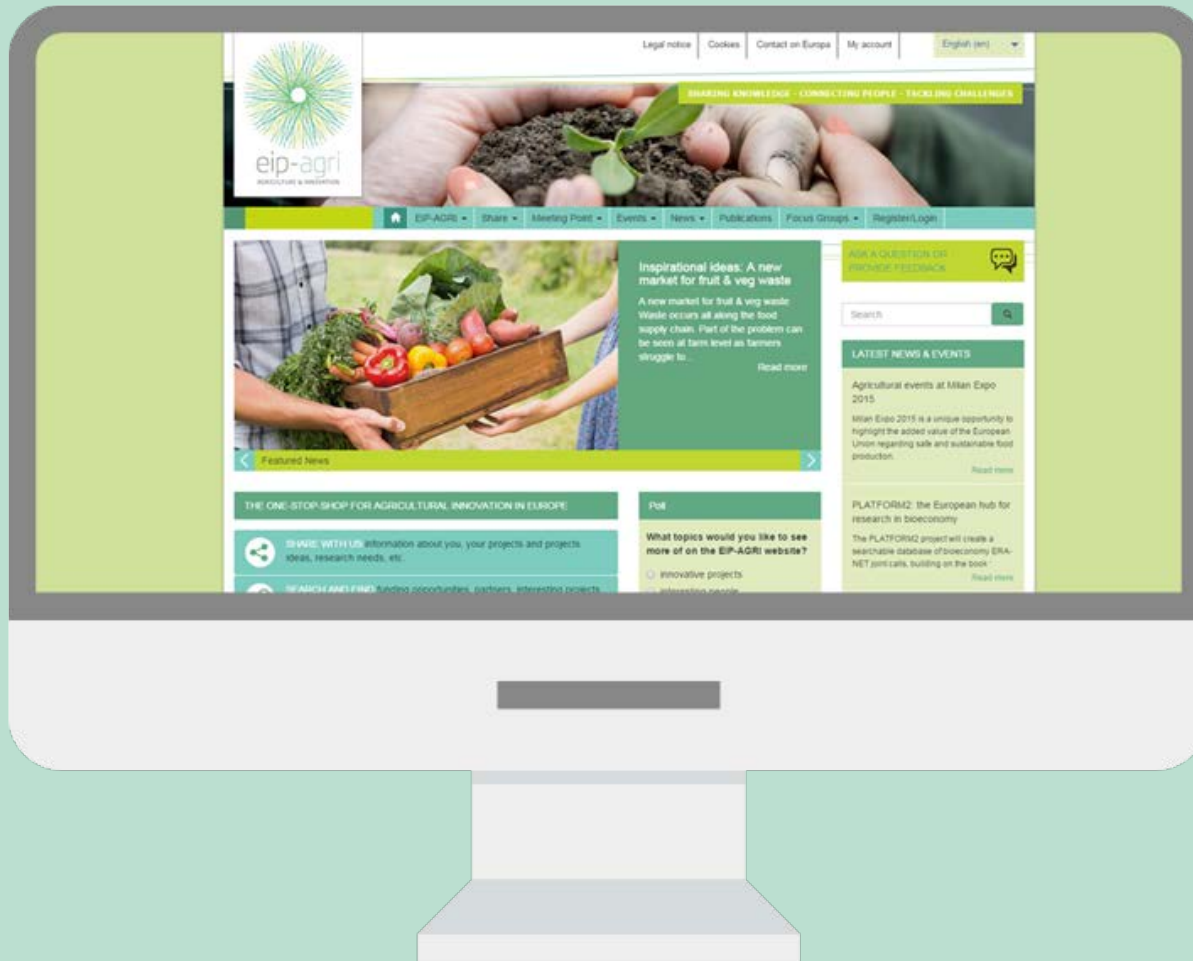


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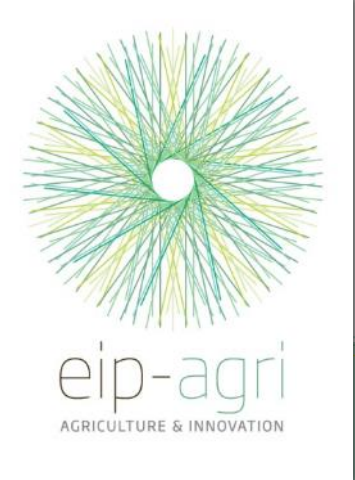
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EIP-AGRI website

www.eip-agri.eu



EIP-AGRI Focus Groups

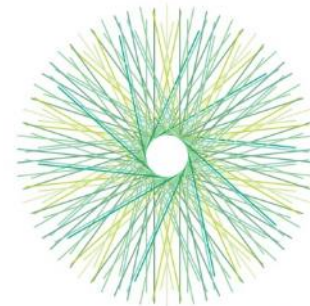


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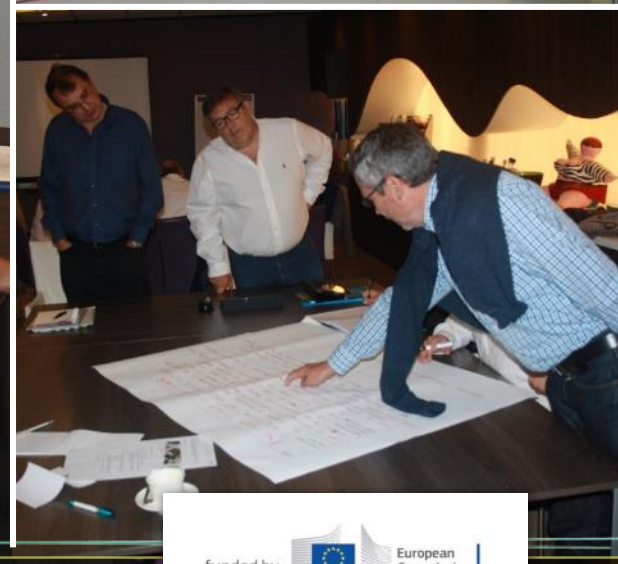


European Commission

EIP-AGRI Focus Groups, tackling agricultural challenges



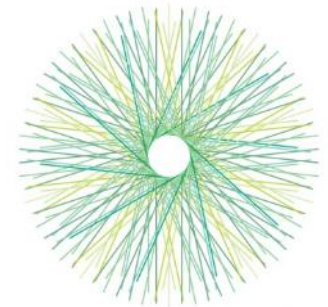
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Focus Group 'Precision Farming'

- How to organise data captured and process to mainstream precision farming to optimise inputs and yields?
 - Recommendations
 - Ideas for Operational Groups
 - Related to technology and knowledge exchange involving farmers
 - Dealing with investments risks and standardisation
 - Addressing the needs of small and medium farms
 - Research needs from practice

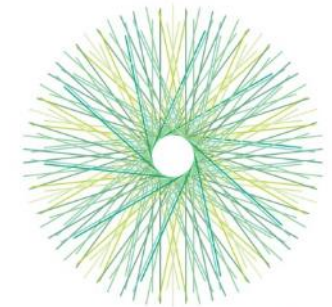
<https://ec.europa.eu/eip/agriculture/en/content/mainstreaming-precision-farming>



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Seminar 'Data driven business models'



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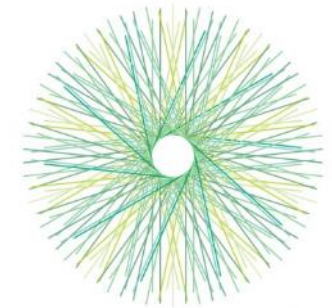
- **Goals:**
 - Identify and discuss **existing and potential data-driven business models** in the agricultural sector
 - Discuss **enabling conditions** for these business models, and strategies to support their development
 - **Bring the community together**
- **Participants:**
 - More than 100 people from 26 countries
 - Speeddate market: **44 business cases**

https://ec.europa.eu/eip/agriculture/Seminar_Data_Revolution



EIP-AGRI Seminar
'Data revolution: emerging new data-driven
business models in the agri-food sector'
SEMINAR REPORT
22-23 JUNE 2016

Seminar 'Data driven business models'

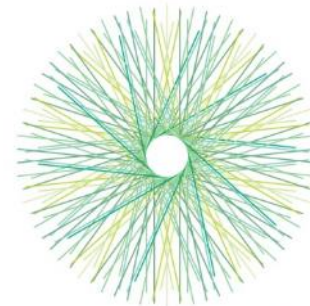


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- **High potential actions to trigger data-driven business models**
 - Develop an **EU ICT Architecture Strategy for AGRI-FOOD**
 - **Open data and active provision of digital data** by government organisations
 - **data ownership and data governance**: best practices could be explored through H2020
 - more **in-depth analysis of data-driven business models**
 - **research agenda for realtime agronomic models**



Thank you for your attention!



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