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## H2020 and Rural Development Policy through EIP-AGRI

Promoting synergies

June 2021

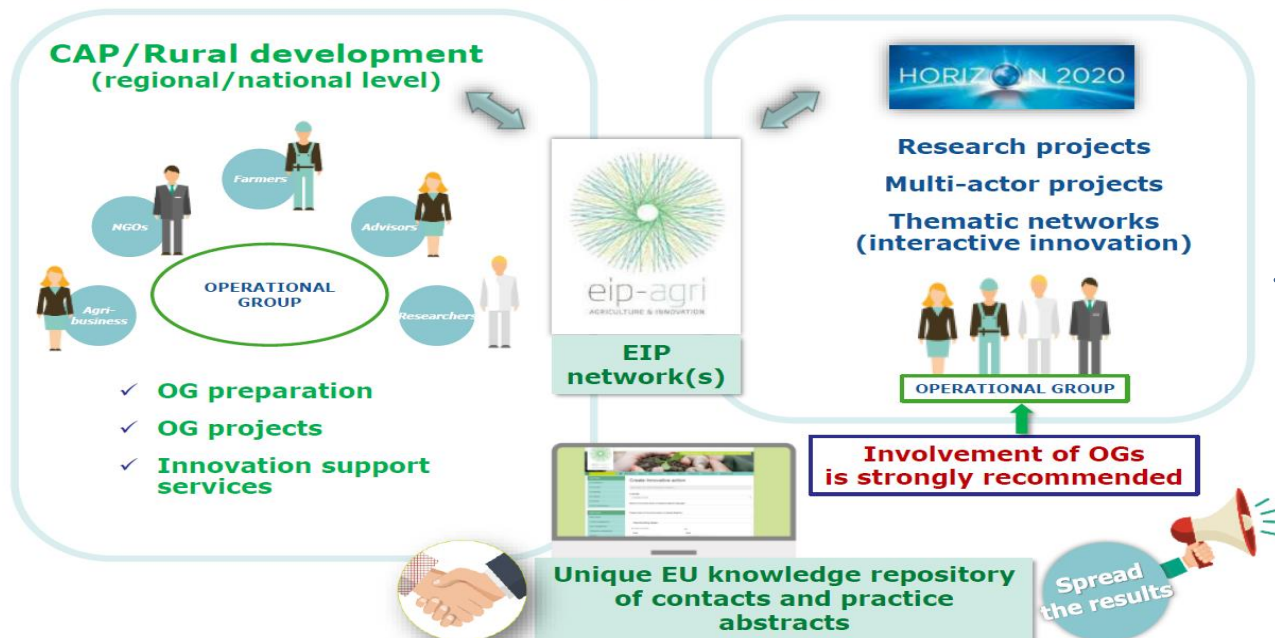
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HORIZONTE  
  
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# EIP 2014-2020 – Seven years after

## Connecting policies: the bigger EIP picture



Linking EU policies

What in 2014 seemed a difficult task, is a reality in 2020!

Congratulations!!

# Building bridges

- The role of H2020 - NCPs supporting applicants
- Strengthening collaboration among ministries  
MAPA - MICIN (CDTI & INIA).

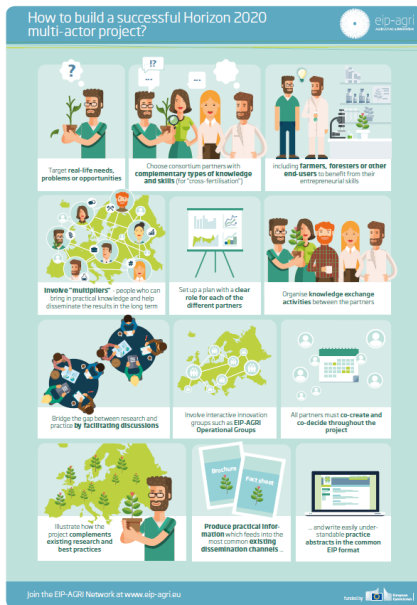
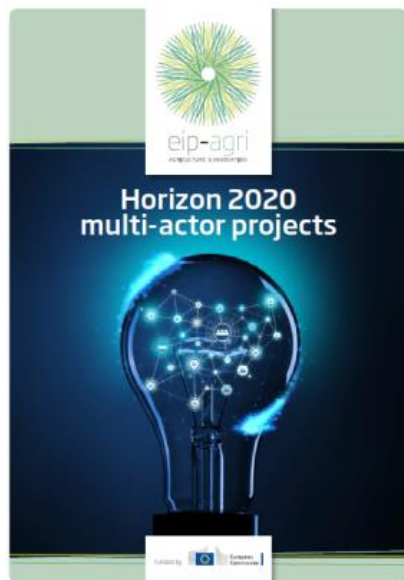
*MAPA – Spanish Ministry of Agriculture, Fisheries and Food; MICIN – Spanish Ministry of Science and Innovation  
CDTI – Center for the Development of Industrial Technology – MICIN; INIA- National Institut for Agriculture and Food Research – MICIN.*

# Building bridges

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# The multi-actor approach projects

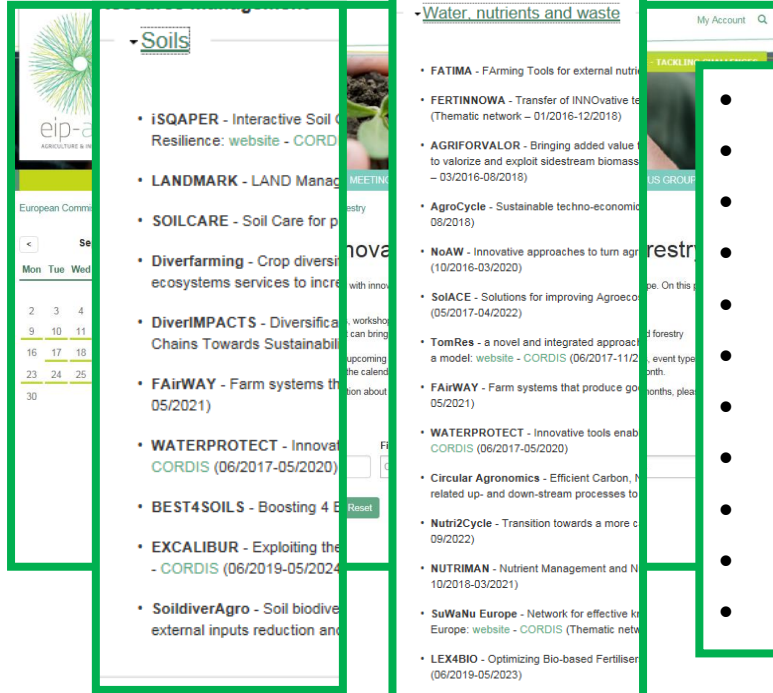


The EIP has developed very useful material for NCPs and applicants, about multi-actor approach, thematic networks, such as brochures, leaflets, videos, ...

<https://ec.europa.eu/eip/agriculture/en/publications/eip-agri-brochure-horizon-2020-multi-actor>

# EIP-AGRI Website – a lot going on

<https://ec.europa.eu/eip/agriculture/en>



- Soils
- Water, nutrients and waste
- Sustainable cropping systems
- Animal production systems
- Plant and animal health
- Integrated ecological approaches
- Territorial dynamics - rural policies
- Provision of public goods
- Digital revolution
- Thematic networks
- AKIS - On-farm demonstrations

The EIP website has become a reference for the research community.

- Events
- Focus groups
- MAA projects on specific field
- ...

# Suggestion n°1: NCPs need continuous support from the EC

Thematic networks funded under Horizon 2020 calls 2014-2019		
Thematic network	Topic	Website
 4DAF	Data and sensor driven decision making on dairy farms	<a href="http://www.4daf.eu">www.4daf.eu</a>
 AFINET	Agroforestry innovation network	<a href="https://euraf.gau.es/afinet">https://euraf.gau.es/afinet</a>
 AGRIFORVALOR	Increasing the value of biomass side-streams from agriculture and forestry	<a href="http://www.agriforvalor.eu">www.agriforvalor.eu</a>
 AgriSpin	Innovation brokering - Identifying best practices for innovation and support	<a href="http://www.agri-spin.eu">www.agri-spin.eu</a>
 BEST4SOIL	Promoting 4 best practices for soil health in Europe	<a href="http://www.best4soil.eu">www.best4soil.eu</a>
 BIOFRUITNET	Boosting Innovation in Organic FRUIT production through strong knowledge NETWORKS	<a href="http://www.biofruitnet.eu">www.biofruitnet.eu</a>
 BovINE	Beef Innovation Network Europe	<a href="http://www.bovine.eu.net">www.bovine.eu.net</a>
 CERERE	CEesal REnaissance in Rural Europe: embedding diversity in organic and low-input food systems	<a href="http://cerere2020.eu">http://cerere2020.eu</a>
 disarm	Disseminating Innovative Solutions for Antibiotic Resistance Management	<a href="http://www.disarmproject.eu">www.disarmproject.eu</a>
 enabling	Enabling New Approaches in Biobased Local Innovation Networks for Growth	<a href="http://www.enabling-project.com">www.enabling-project.com</a>
 EUFRUIT	Fruit - cultural development, minimising residues, storage and fruit quality, sustainability of production systems	<a href="http://eufruit.org">http://eufruit.org</a>
 EU PIG	EU-wide network for an economically viable and sustainable pig industry	<a href="http://www.eu-pig.eu">www.eu-pig.eu</a>
 EURAKNOS	Connecting thematic networks as knowledge reservoirs: towards a European Agricultural Knowledge Innovation Open Source system	<a href="https://euraknos.eu/">https://euraknos.eu/</a>
 EuroDAIRY	Practice-based innovations in dairy farming - resource efficiency, biodiversity, animal care, and socio-economic resilience	<a href="http://www.eurodairy.eu">www.eurodairy.eu</a>
 EuroSheep	European Network for interactive and innovative knowledge exchanges on animal health and nutrition between the sheep industry actors and stakeholders	<a href="http://ecds.europa.eu">ecds.europa.eu</a>
 FERTINNOVA	Water management in fertigated crops - water quality, water use efficiency, environmental impact	<a href="http://www.fertinnova.com">www.fertinnova.com</a>

## EIP-AGRI Operational Groups – basic principles

**Operational Groups** are intended to bring together multiple actors such as farmers, researchers, advisers, businesses, environmental groups, consumer interest groups or other NGOs to advance innovation in the agricultural and forestry sectors.

Watch the animated movie on EIP-AGRI Operational Groups to find out how collaborating with different partners in Operational Group projects can help farmers to find innovative solutions to challenges they are facing, and how these projects can lead to new opportunities.



Thematic networks – Closing the research and innovation divide

<https://ec.europa.eu/eip/agriculture/en/about/thematic-networks-%E2%80%93-closing-research-and>

NCPs need training and update from the EC (DG AGRI & DG RTD) on any novelty of the EIP agri website or the CAP networks, AKIS, ...  
This training could be coordinated/provided by the future NCP network of Cluster 6

# EIP-AGRI – Operational Groups

<http://ec.europa.eu/eip/agriculture/en/content/links-existing-operational-groups?stakeholder=3394>



The screenshot shows the EIP-AGRI website interface. On the left, there is a navigation menu with a search filter: "(You can filter the Operational Group by Country)". The main content area displays a list of Operational Groups categorized by country. The countries listed are Austria, Belgium, Finland, France, Ireland, Italy, Germany, and Portugal. Each country has a list of specific Operational Groups, such as "National" for Austria and Belgium, and "National", "Schleswig-Holstein", "Hessen", "Mecklenburg-Vorpommern", "Sachsen", "Thüringen", and "Rheinland-Pfalz" for Germany.

**Austria**

- National

**Belgium**

- Flanders

**Finland**

- National

**France**

- National

**Ireland**

- National

**Italy**

- Emilia Romagna

**Germany**

- National
- Schleswig-Holstein
- Hessen
- Mecklenburg-Vorpommern
- Sachsen
- Thüringen
- Rheinland-Pfalz

**Portugal**

- National

## Spain

- National 2017
- National 2018
- Andalusia
- Aragon
- Asturias
- Basque Country
- Canary islands
- Cantabria
- Catalonia 2015-2016
- Catalonia 2017
- Extremadura
- Galicia
- La Rioja
- Madrid
- Murcia

Researchers need to easily find OG to contact them and involve them in R&D proposals.

The first years (2014-2018) it was quite difficult to find OG and to contact them.



# Suggestion n°2: OG have to be easily findable for the research community

Projects - Operational groups

Fulltext search

Contains any of these words

Geographical location: Spain x

Keywords: -beekeeping x

Search Reset

Brexit content disclaimer

Projects found: 5

Published on	Title	Geographical location
01/06/2020	VarroaForm - Development of an effective formulation for the control and prevention of varroatosis in domestic bee ( <i>Apis mellifera</i> )	Spain
09/06/2020	2016-008 - SOCIOECONOMIC STUDY on the impact of VESPA VELUTINA in the Apiculture of the Autonomous Community of the Basque Country	Spain
04/11/2019	INNOVATION IN HONEY PRODUCTION PROCESSES (INNOMIEL).	Spain
04/11/2019	PICA: INNOVATIVE PLATFORM FOR BEEKEEPING	Spain
05/04/2019	DEVELOPMENT OF NATURAL SWEETENERS WITH HEALTHY PROPERTIES FROM HONEY, JELLY AND PROPOLIS.	Spain

VarroaForm - Desarrollo de una formulación eficaz para el control y prevención de la varroatosis en abeja doméstica (*Apis mellifera*)

Geographical location	Spain
Main geographical location (NUTS3)	A Coruña
Other geographical locations (NUTS3)	Orán Canaria Ourense
Keywords	Pest / disease control Food quality / processing and nutrition Farming / forestry competitiveness and diversification
Additional keywords	beekeeping bee honey bee
Main funding source	Rural development 2014-2020 for Operational Groups (in the sense of Art 58 of Reg. 1305/2013)
Project type	Operational group
Starting date	2020
End date	2022
Project status	Ongoing
Website	Launch of the project

The Databe for searching “operational groups”  
<https://ec.europa.eu/eip/agriculture/en/eip-agri-projects/projects/operational-groups>  
is indeed a useful tool for the scientific community

# Suggestion n°3: OG and MAA projects and networks working together

## Table of contents

Project type	Project name		
Innovative project	Multifunctional family fa		
Innovative project	The Essence of Mink Fa		
Innovative project	Global Eco – Inno-Eco		
Innovative project	TaReCa		
Innovative project	FoodOASIS		
Operational Group	BIOREFINERY GLAS		
Innovative project	Biogas Plant - Adding va		
Operational Group	DIGESTATE_100%		
Operational Group	SCOOTER Vegetable wa		
Innovative project	URSA Project - Alqueva		
Operational Group	Integral use of rapeseed oil cheese production		
Horizon 2020 project	ICT-BIOCHAIN		
Horizon 2020 Multi-actor project	Circular Agronomics		
Horizon 2020 Multi-actor project	TRUE- Transition Pathw Europe		
Horizon 2020 Thematic network	AFINET		
Horizon 2020 Thematic network	AGRIFORVALOR		
Horizon 2020 Thematic network	ENABLING		
Innovative project	BIOCIRCULAR		
Innovative project	EMBRACE	Various	21
Innovative project	GreenAgri	Various	22
Innovative project	Local Economic Development	Various	23
Innovative project	MediOpuntia	Various	24
Innovative project	Sustainable Bioeconomy Guidelines	Various	25
Innovative project	WETWINE	Various	26



## EIP-AGRI WORKSHOP 'Opportunities for farm diversification in the circular bioeconomy' 6-7 February 2019 - Vilnius, Lithuania

Operational Groups, innovative projects, Horizon 2020 multi-actor projects,  
Horizon 2020 thematic networks and projects under the Biobased Industry Joint  
Undertaking represented at the workshop

update 31 January 2019



## EIP-AGRI Seminar Multi-level strategies for digitising agriculture and rural areas FINAL REPORT APRIL 2019

OGs and the scientific community working together while Horizon Europe – Cluster 6 calls are open in order to exchange ideas and build projects together may be useful. This activity could be linked to the activities of NCPs, but with the support of the EC.

# Suggestion n°4; Multiactor approach are easily findable in the EIP agri, but is there room for improvement regarding Practice abstracts?

Projects - Multi-Actor Projects

Fulltext search: Contains any of these words  
Geographical location: Choose some options  
Keywords: Choose some options

Search Reset

Projects found: 66

Published on	Title	Geographical location
09/11/2020	WeLASER-SUSTAINABLE WEED MANAGEMENT IN AGRICULTURE WITH LASER-BASED AUTONOMOUS TOOLS	Spain
16/12/2019	DiverIMPACTS - Diversification through Rotation, Intercropping, Multiple Cropping, Promoted with Actors and value-Chains towards Sustainability	France
08/02/2021	Soil Hydrology research platform underpinning innovation to manage water scarcity in European and Chinese cropping systems. Shui	Spain
23/07/2018	LIVESEED: Boosting organic seed and plant breeding	Belgium
08/02/2021	NIVA - A New IACS Vision in Action	Netherlands
17/08/2020	Pre-HLB: Preventing HLB epidemics for ensuring citrus survival in Europe	Spain
22/02/2019	COllaborative lAnd-Sea inTegrAtion pLatform (COASTAL)	Belgium
20/01/2021	Eureka	Belgium
01/07/2020	ROBUST - Rural-Urban Outlooks: Unlocking Synergies	Netherlands
13/01/2021	LIAISON: Better Rural Innovation: Linking Actors, Instruments and Policies through Networks	Germany
06/05/2020	EcoStack - Stacking of ecosystem services: mechanisms and interactions for optimal crop protection, pollination enhancement, and productivity	Italy
04/06/2018	Crop diversification and low-input farming across Europe: from practitioners engagement and ecosystems services to increased revenues and chain organisation	Spain
11/04/2019	MAGIC - Marginal Lands for Growing Industrial Crops. Turning a Burden into an Opportunity	Greece
02/06/2020	Addressing the dual emerging threats of African Swine Fever and Lumpy Skin Disease in Europe (DEFEND)	United Kingdom
09/11/2020	Confronting Obesity: Co-creating policy with youth	United Kingdom
24/11/2020	SUREFISH- FOSTERING MEDITERRANEAN FISH ASSURING TRACEABILITY AND AUTHENTICITY	Italy
01/10/2018	Designing Innovative plant teams for Ecosystem Resilience and agricultural Sustainability	United Kingdom

<https://ec.europa.eu/eip/agriculture/en/eip-agri-projects/projects/multi-actor-projects>

Practice summary

- Practice abstract 1
- Practice abstract 2
- Practice abstract 3
- Practice abstract 4
- Practice abstract 5
- Practice abstract 6
- Practice abstract 7

Regarding practice abstracts:  
Is there room for improvement?  
Are they reaching end-users (farmers)?  
Are researchers replying correctly to what it is expected? In number, in content?  
NCPs can help with this task, but need training!

# Is it clear enough for applicants how to (legally) involve OG in MAA projects and thematic networks?

1. The full OG can be a partner (=beneficiary) or 3<sup>rd</sup> party if it is constituted as a legal entity.
2. One OG partner, established as a legal entity is a partner or 3<sup>rd</sup> party.
3. Partner from the H2020 project can earmark budget under “other direct costs” to cover expenses for OG members (e.g: OGs invited to workshops, cross-visits across countries)
4. Cooperation on a voluntary basis (no impact on MA project’s budget) Very strong evidence is needed that the OGs will indeed undertake these linking activities (e.g: visible in the OG project plan as approved by rural development authorities, or bilateral agreement as annex to the H2020 proposal).

Horizon 2020/Horizon Europe applicants still need indications on how to link OG to multiactor-approach projects/thematic networks. The elaboration of leaflets, sharing good practices or organizing events, may help researchers understand what can be done.

Source: Info Day SC2 Calls 2020. 4th July. DG AGRI

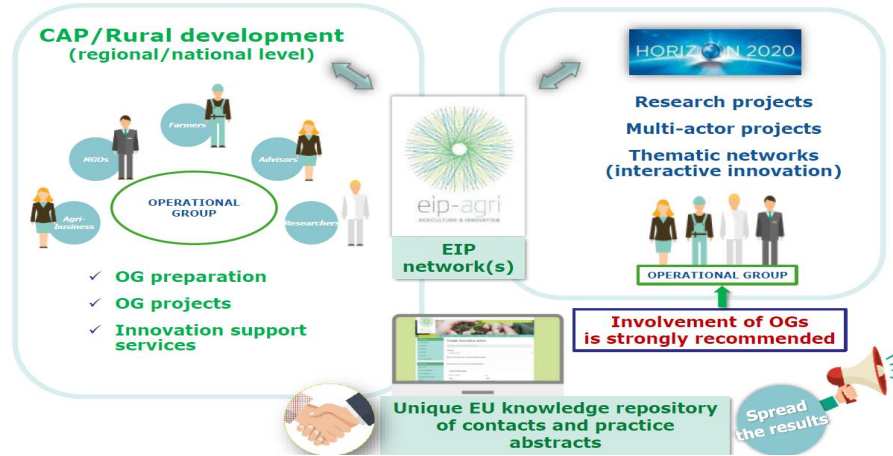
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# The Spanish experience – joining forces

## Connecting policies: the bigger EIP picture



# Strengthening collaboration MAPA - MICIN

**Horizon 2020 – Societal Challenge 2**  
 Food Security, Sustainable Agriculture, Forestry, Marine, Maritime and Inland Water Research and Aquaculture

**Infoday & Proposal Workshop on WP2020-01**  
 Monday, 21<sup>st</sup> November 2016. CDTI, Madrid

**Agenda**

9:00 – 9:30 Registration of participants.

9:30 – 9:40 Welcome and Introduction. Mr. Guillermo Álava. Challenges. EU Programmes Division. CDTI.

9:40 – 10:20 H2020 - Societal Challenge 2 Work Programme. Tatiana Tallarico. DG-AGRI. Research and Innovation.

10:20 – 10:40 First outcome 2014-2016 and moving towards Delegate SC2. CDTI.

10:40 – 11:10 How to prepare a proposal. Practical information. Ms. Isabel Bombal. DG Rural Development and Forestry.

11:10 – 11:30 The evaluation process and the vision of the evaluation. Santiago de Compostela.

11:30 – 11:45 Questions & Discussion.

11:45 – 12:00 Break.

**12:00 – 12:30 H2020 & Multiactor approach – EIP AGRI & Operational Groups. Ms. Isabel Bombal. DG Rural Development and Forestry.**

**12:30 – 13:30 Success stories. Moderator: Mr. Jesús Escudero. SC2.**

13:30 – 13:45 Questions & Closing session.

15:00 – 16:30 Bilateral meetings to discuss project proposals.

For any further information and arrange bilateral meetings, please contact [ta.tallarico@cdti.es](mailto:ta.tallarico@cdti.es) on **Wednesday 15<sup>th</sup> November**, to [taia.beceera@cdti.es](mailto:taia.beceera@cdti.es).

The session may be partly held in English and no translation will be provided.

**INTERCAMBIO DE EXPERIENCIAS ENTRE GRUPOS OPERATIVOS Y PROYECTOS CON TEMÁTICA DE AGRICULTURA DE PRECISIÓN**

24 noviembre 2020  
 10:00h – 13:00 h  
 Videoconferencia a través de GotoWebinar

Horario	Tiempo	Programa
10:00-10:40	40 min.	- Bienvenida, presentación de la jornada y contexto de las medidas de innovación en la programación de desarrollo rural (20'). <i>D. Carlos Garrido (Coordinador de la Subdirección General de Innovación y Digitalización, MAPA).</i> - Programa Marco de la UE – Hacia Horizonte Europa 2021-2027 (10') <i>Dª Marta Candé (Punto Nacional de Contacto H2020-Reto social 2. CDTI, MCI).</i> - Misión Salud del Suelo y Alimentos (10'). <i>Dª Carmen Vela (Miembro del Comité de la Misión. Eurofins INGENASA).</i> <i>Dª Rocío Lanaso (Miembro español del Sub-grupo de la Misión. INIA)</i>
10:40-11:00	20 min.	<b>Temática 1: Teledetección</b> 1.1. AGROTIG: desarrollo de un servidor cartográfico web, para el seguimiento de cultivos de cereal por teledetección. PNDP. (10') <i>D. Hector Nieto (Complutg - Universidad de Alcalá)</i> 1.2. APOLLO: desarrollo de una plataforma comercial de servicios de asesoramiento agrícola basada en datos de observación de la tierra de acceso libre y abierto. Proyecto H2020. (10'). <i>Dª María Llanos López (Servicio agronómico AgriSat)</i>
11:00-11:20	20 min.	<b>Temática 2: Inteligencia artificial y Big Data</b> 2.1. RECOLECTA: predicción del momento óptimo de recolección mediante gestión integral térmica de cultivos. PNDP. (10') <i>D. José Luis Bustos (BriAgro).</i> 2.2. BIHORTAFLOOR: Aplicar soluciones de inteligencia artificial y big data para la mejora de la eficiencia económica y medioambiental de las explotaciones agrarias. PDR-Región de Murcia. (10') <i>D. Adolfo García (Camposeven).</i>
11:30-11:50	20 min.	<b>DESCANSO (10min)</b> <b>Temática 3: Drones y robótica</b> 3.1. Integración de datos multispectrales y agroclimáticos obtenidos a través de drones e imágenes de satélite en la gestión de un viñedo para la toma de decisiones en viticultura. PDR-Galicia (10') <i>D. Boris Hinojo (Sedata)</i> 3.2. SMART AKIS: SIG, la agricultura de precisión, y la automatización agrícola y robótica. Red temática europea. (10') <i>Dª Natalia Bellotas (INTIA)</i>
11:50-12:50	60 min.	Debate e intercambio de opiniones entre los asistentes
12:50-13:00	10 min.	Conclusiones y clausura de la jornada Subdirección General de Innovación y Digitalización, MAPA

## Collaboration MAPA- MICIN since 2016

- H2020 Societal Challenge 2 infodays.
  - Multiactor-approach projects
  - EIP AGRI
  - Operational Groups in Spain.
- Organisation of events for the Exchange of experiences between Operational Groups and H2020projects

# HORIZONTE EUROPA

+ info sobre programas y ayudas  
para la  
internacionalización de la I+D+I española



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