3|4 DEC
MÁLAGA
SPAIN

S³ DIGITALISATION AND NEW TECHNOLOGIES IN AGRI-FOOD

AGENDA

AGRI-FOOD

#SMARTSPECIALISATION
s3platform.jrc.ec.europa.eu

Business Support on Your Doorstep

Digitalisation and New Technologies in Agri-food event is co-organised by JRC and Junta de Andalusia. It is composed of four different parts:

- 2019 Autumn Working Committee Meeting (3 December 2019)
- Exploring synergies between Digital Innovation Hubs and Agri-food Partnerships (4 December 2019)
- Field visit (4 December 2019)
- B2B event (3-4 December 2019) organised by EEN

The objective of the first day is to showcase activities related to exploration, exploitation and deployment of digital services and technologies by the AF Partnerships. What is added value and contribution of the Partnerships? How important new technologies are for AF Partnerships and how the AF Partnerships go about their mapping and use? Focus will be also on specific technologies (not yet) used by the Partnerships, market needs and matching demand with offer. Significant space will be given to companies that will pitch successful collaboration within AF Partnerships, successful uptake of technologies by agri-food sector, possible technological solutions for agri-food or promising new emerging technologies for agri-food.

The second day will focus on Digital Innovation Hubs. Between three and five Digital Innovation Hubs will present their overall and specific strategies and activities addressed to help the digitisation of agri-food industries and businesses in their own regions and beyond borders. Two H2020 transversal projects will present their efforts to help creating a pan-European community of DIHs that may ease interregional collaboration with AF Partnerships. The DIHs presentations will be followed by roundtable discussions on challenges related to agri-food digitisation that will be pre-defined by the AF partnerships. A facilitator will lead each group to deepen its challenge and envisage possible solutions, solution providers and DIHs ready to facilitate the process from end to end.

In addition, a B2B event will be organised by the Andalusian branch of the Enterprise Europe Network (EEN). Short pre-scheduled meetings will take place simultaneously to the main event. In the afternoon of the second day field trip(s) are organised.

Thematic S3 Platform on Agri-Food
Working Committee Semi-annual Meeting
3 December 2019

Thematic Smart Specialisation Platform on Agri-food was launched on 1 June 2016 during the Smart Regions conference, and it counts with support of DG AGRI, DG JRC, DG REGIO and DG RTD. From June 2016 to October 2019, five partnerships qualified. Each existing Partnership has its own dedicated webpage with contact details, hosted by the S3 Platform website:

- Consumer involvement in agri-food innovation (leading regions: Province of Gelderland, The Netherlands and Östergötland, Sweden)
- High-tech farming (leading region: Tuscany, Italy)
- Nutritional Ingredients (leading regions: Wallonia and Flanders, Belgium)
- Smart sensors for agri-food (leading regions: Flanders and Wallonia, Belgium)
- Traceability and Big Data (leading regions: Andalusia, Spain and Emilia-Romagna, Italy)

A total of 49 territorial administrative units have committed and participate in one of five existing Agri-food Partnerships. Austria, Estonia and Slovenia are three EU countries that have joined the Agri-food Partnerships at the national level. In particular, four administrative units take part in the Consumer Involvement in Agri-food Innovation, 27 administrative units in the High-tech Farming, 10 administrative units in the Nutritional Ingredients, 15 administrative units in the Smart sensors for Agri-food, and 21 in the Traceability and Big Data. The majority of participating entities are located in Italy (9), Spain (8), France (4), Hungary (4) and the Netherlands (4). Some of these participate in more than one partnership; for example Galicia participates in 4 out of 5 partnerships. Furthermore, one non-EU region from Turkey (Middle Black Sea Region) is taking part in the Traceability and Big Data.

The Working Committee consists of all regions participating in Agri-food thematic partnerships. Agri-food Working Committee Meetings bring together the European Commission services and representatives of all Agri-Food thematic partnerships. Information about the past Agri-food Working Committee Meetings is available on this webpage: https://s3platform.jrc.ec.europa.eu/working-committee-meetings .

09:00 – 11:00	**Technical meetings**

- 5 AF Partnerships will meet and hold their regular technical meetings

11:00 – 11:30	*Registration & Coffee*

11:30 – 11:45	**Welcome and Opening**

- Andalusia Region
- European Commission

11:45 – 13:00	**Contribution of AF Partnerships to digitalisation and technology deployment**

Five Agri-food Partnerships will present their current activities and plans related to exploration, exploitation and deployment of digital services and technologies. What is added value and contribution of the Partnerships? Focus will be also on specific technologies (not yet) used by the Partnerships, market needs and matching demand with offer. Also, the Partnerships will talk about the support that is needed and is currently lacking. Finally, the Partnerships will report from their technical meetings.

- Consumer Involvement in Agri-food Innovation (Thomas Högman, Region Östergötland)
- High Technology Farming (Fabio Boscaleri, Tuscany)
- Nutritional Ingredients (Sophie Bourez, Wallonia*)*
- Smart Sensors for Agri-food (Veerle Rijckaert, Flanders)
- Traceability and Big Data (Judit Anda Ugarte, Andalusia)

Questions & Answers

13:00 – 14:00	*Networking lunch*

14:00 – 15:15	**Private companies presenting existing or promising technical solutions for agri-food**

Private companies pitching successful collaboration within Partnerships, successful uptake of technologies by agri-food sector, possible technological solutions for agri-food or promising new emerging technologies.

- Company X (participating in a Partnership)
- Company Y (technology transfer, examples of technologies used successfully in agri-food)
- Company Z (possible technology solutions for agri-food sector, emerging technologies)
- TBA

15:15 – 16:45   Roundtable EC services and other EU institutions

EU institution representatives and the Partnerships will discuss needs and support for the period 2019 – 2021

(Speakers and institutions to be confirmed)

- Joint Research Centre, European Commission
- Directorate-General for Regional and Urban Policy, European Commission
- Directorate-General for Agriculture and Rural Development, European Commission
- Directorate-General for Research and Innovation, European Commission
- Directorate-General for Internal Market, Industry, Entrepreneurship and SMEs, European Commission
- Directorate-General for Communications Networks, Content and Technology, European Commission
- EIT Food
- TBA

Questions & Answers & Discussion

16:45 – 17:00   Conclusions and closing

17:00 – 18:00   Networking cocktail

Exploring synergies between Digital Innovation Hubs and Agri-food Partnerships
Workshop & Field Visit
4 December 2019

For Europe to remain competitive internationally, its companies must be able to benefit from digital opportunities. This will lead to higher value products and smarter processes.

The digital revolution brings opportunities for big and small companies, but many of them still find it difficult to know in which technologies to invest and how to secure financing for their digital transformation. Small and Medium Sized Enterprises (SMEs) are particularly slow in integrating digital technologies: **only one out of five SMEs in the EU are highly digitised**, yet they represent over 90% of all businesses in Europe.

To bridge the current divide the European Commission launched on 19 April 2016 the first industry-related initiative of the Digital Single Market package. Building on and complementing the various national initiatives for digitising industry, the Commission will act to trigger further investments in the digitisation of industry and support the creation of better framework conditions for the digital industrial revolution. One of the more important pillars of the Digitise European Industry effort is the activity to develop a network of Digital Innovation Hubs (DIH).

Digital Innovation Hubs are **one-stop-shops** that help companies to become more competitive with regard to their business/production processes, products or services using digital technologies. They are based upon technology infrastructure (Competence Centre - CC) and provide access to the latest knowledge, expertise and technology to support their customers with piloting, testing and experimenting with digital innovations. DIHs also provide business and financing support to implement these innovations, if needed across the value chain. As proximity is considered crucial, they act as a first regional point of contact, a doorway, and strengthen the innovation ecosystem. A DIH is a regional multi-partner cooperation (including organizations like RTOs, universities, industry associations, chambers of commerce, incubator/accelerators, regional development agencies and even governments) and can also have strong linkages with service providers outside of their region supporting companies with access to their services.

The rationale behind this initiative is to help European Industry, small or large, high-tech or not, to grasp the digital opportunities. It is the Commission's ambition that all companies should have a DIH within their region, through which they should be able to access competences in order to digitise their organisations and their products and services. Furthermore, the services provision by existing Hubs can be strengthened by the establishment of a pan-European network of DIHs.

The Digital Innovation Hubs catalogue tool hosted under the S3P (Smart Specialisation Platform) serves as "yellow pages" of DIHs listing more than 250 fully operational DIHs all over the EU.

09:00 – 09:30	Registration & Coffee

09:30 – 09:45   **Introduction and setting the scene**

A brief introduction on the main policy developments in the DIH initiative within the Digitising European Industry (DEI) policy and setting the scene of the workshop.

09:45 – 11:30   **Digital Innovation Hubs meeting Agri-food needs**

Between three and five Digital Innovation Hubs will present their overall and specific strategies and activities addressed to help the digitisation of agri-food industries and businesses in their own regions and beyond borders. Two H2020 transversal projects will present their efforts to help creating a pan-European community of DIHs that may ease interregional collaboration with AF partnerships.

- DIH Andalucia Agrotech (Judit Anda Ugarte, Andalusia)
- DIH 2 (TBD)
- DIH 3 (TBD)
- DIH 4 (TBD)
- DIH 5 (TBD)
- Smart Agri Hubs, *Unleashing the innovation potential for the digital transformation of the European Agrifood Sector* (project coordinator)
- DIHNet.EU, *Potential synergies between networked DIHs and AF partnerships* (project coordinator)

Questions & Answers

OPTION 1:

11:30 – 13:00   **DIH Parallel Discussion Groups**

Participants are organised in five small groups around pressing agri-food digitisation challenges posed by AF partnerships. A facilitator will lead each group to deepen its challenge and envisage possible solutions, solution providers and DIHs ready to facilitate the process from end to end.

NB. This session is limited to 70 registered participants.

OPTION 2:

11:30 – 13:00   **SmartAgriHubs' Innovation Portal**

The goal of the SmartAgriHubs Innovation Portal is to expand and better connect the network of key AgriTech stakeholders across Europe. During this session, the participants will be able to learn about and test the Portal.

NB. This session is for 20-40 registered participants. Participants are asked to bring their personal computers with them.

13:00 – 13:30	**Groups Reporting & Closing**

Rapporteurs appointed by the Discussion Groups report in plenary the outcomes of the discussions

Concluding remarks by the European Commission

13:30 – 14:30	*Networking lunch*

14:30 – 15:00	*Bus transfer to field visit sites*

15:00 – 17:00	**Field visits**

The Enterprise Europe Network and the Andalusian regional government organise parallel field trips.

S3P Agrifood's International B2B meetings
Organised by Agencia Andaluza del Conocimiento (AAC) and Enterprise Europe Network (EEN)
3-4 December 2019

[Short pre-scheduled meetings will take place simultaneously to the main event]

Presentation

Within the framework of the event on "Digitalisation and New Technologies in Agri-food", Agencia Andaluza del Conocimiento as member of the Enterprise Europe Network organizes International bilateral meetings. This matchmaking event will be mainly focused to technology transfer in the fields of digitalisation of the agrifood sector.

Objectives

The aim of this Brokerage Event is to provide participants with the opportunity to meet with companies (SMEs, large companies, start-ups,...), entrepreneurs, research organizations and public administrations active in research and technology to discuss through bilateral meetings:

- Transfer of Technology and exploitation of research results
- Ideas for joint research projects
- Opportunities for R&D funding
- Licensing, production and distribution agreements
- Internationalization

Main topics

- Automation and robotics
- Artificial Intelligence and predictive systems in agrifood
- Autonomous vehicles
- Big data
- Food safety
- Agrifood blockchain
- Logistic chain
- Cybersecurity in the agrifood chain
- Open data
- Sensorization
- Food traceability

How does it work?

All the process is managed online through a matchmaking tool following these steps:

1. <u>Registration and insertion of cooperation profiles</u> (technology offer, technology request, know-how/experience, research). Create a strong research and cooperation profile upon registering to raise your visibility amongst the other participants of the event.

2. <u>Selection of those profiles of interest with which you would like to hold a meeting during the days of the event</u>. Browse through the published participant profiles and send meeting requests to those who you would like to meet at the event. Adding a meaningful remark as to why you are interested in a meeting with a particular person will increase the chance that your request will be accepted.

3. Once the preliminary agenda of meetings has been received, participants must <u>confirm the participation</u>, the meetings and the availability during the days of the event. A few days before the event you will receive an email with your detailed meeting schedule. You can also check your meeting schedule online.

4. <u>On 3rd and 4th December 2019, attendees should arrive</u> with enough time to register and meet their potential partners according to their agenda.

Costs

Participation in the brokerage event is <u>free of charge.</u>

Location

FYCMA - Palacio de Ferias y Congresos de Málaga (https://fycma.com)

Av. de José Ortega y Gasset, 201, 29006 Málaga

https://goo.gl/maps/Du95HusuZHGWfasN7

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