



## **Digitising agriculture and food value chains**

*Research and innovation delivering on EU policy objectives*

Friday 17 November – Charlemagne building

### **DRAFT AGENDA**

8:00 - Welcome coffee and registration

#### **High-level opening**

8:45 - Welcome by moderator

9:00 – *Digital technologies' potential for addressing future challenges in food and farming*  
**Phil Hogan –European Commissioner for agriculture and rural development**

9:15 – *How could national digitisation strategies benefit food and farming: the Estonian case\**  
**Toomas Kevvai, Deputy Secretary General for Food Safety, Research and Development, Ministry of rural affairs of the Republic of Estonia**

#### **From policy to practice: how can various approaches deliver concrete outcomes for the food and farming sector, and for citizens?**

#### **09:30 – Plenary (DE GASPERI) – Digital revolution, agriculture, food and R&I: what's going on?**

- **The digital single market: the overall policy framework, including Digitising European Industries and the data economy** – Roberto Viola\*, Director General at European Commission's DG Communications Networks, Content & Technology
- **Digitising agriculture: what are the trends in precision farming and overview of R&I activities** - Niels Gøtke – Coordinator of ICT-AGRI 2 ERANET (Denemark)
- **EIT Food: towards a more people-centric and resource smart food system** –Klaus Beetz, Vice-President of External cooperations at SIEMENS, EIT FOOD (Germany)

Exchange with the audience on presentations

10:40 – *Networking coffee in the exhibition area*

#### **11:00 – 12h00: Parallel sessions**

##### **Parallel session 1: Digital innovation hubs and platforms: what potential for farming, value chains and society? (DE GASPERI)**

- **Digital innovation hubs: outcomes of the EIP Seminar in Kilkenny and opportunities under Horizon 2020 WP 2018-2020** – Ana Cuadrado Galvan, European Commission DG Agriculture and rural development
- **The alliance on internet of things (AIOTI): the potential of digital platforms in agriculture** - Luis Perez Freire, chair of the AIOTI Sub-group on agriculture (Spain)
- **IOF2020: a large-scale pilot on Internet of things for food and farming (H2020 SC2)** – George Beers, WUR, Coordinator of IoF2020 (The Netherlands)
- **Flanders Food: realising the potential of digitisation for food production, distribution and nutrition** – Inge Arents, Managing Director Flanders Food (Belgium)

Exchange with the audience on presentations.

\*to be confirmed

## Parallel session 2 - Improving data management from farm to fork (MANSHOLT)

- **Data sharing: outcomes of the EIP workshop in Bratislava and policy follow-up** – Louis Mahy, European Commission DG Agriculture and Rural development & Celina Ramjoué\* European Commission DG Communications Networks, Content & Technology
- **European Open Science Cloud: sharing and reusing research data in agriculture, food and nutrition** – Wim Haentjens, European Commission DG Research and innovation
- **Agriculture in Big data Europe** - Nikos Manouselis, coordinator, Agroknow (Greece)
- **Big Expectations from Big Data: Reflections from interacting with stakeholders** - Grigoris Chatzikostas, coordinator, InoSens (Serbia)

Exchange with the audience on presentations.

## 12:00-13:00 - Plenary session – Stakeholders panel: what are the opportunities and challenges brought by digitisation? (DE GASPERI)

*A panel will be invited to comment on the opportunities related to farm and food digitisation and on obstacles faced on the ground when it comes to implementing them:*

- **Tina Dahl**, livestock farmer (Sweden)
- **Riinu Lepa**, Tagurpidi Lavka & Estonian Social Enterprise Network - digital supply chain management & social entrepreneur (Estonia)
- **Pal Goda**, Discovery R&D Center - Innovation support (Hungary)
- **Elli Tsiforou**, Gaia Epicheirein - ICT in agriculture (Greece)

13:00 – Lunch in the exhibition area

## 14:00-15:30 - Parallel sessions – Showcasing promising solutions to address challenges

*These sessions will showcase successful projects covering a range of promising technologies or approaches and allow participants to take stock on latest developments and highlight the most promising future investment areas.*

### Parallel session 1: Digital solutions to meet future agriculture challenges (DE GASPERI)

- [RECAP](#) - "Personalised public services in support of the implementation of the CAP" – Machi Simeonidou - Project Coordinator, Draxis Environmental (Greece)
- [DataBIO](#) - "Data-Driven Bioeconomy" – Athanasios Poulakidas – Project Coordinator, Intrasoft-intl (Belgium)
- [EU-PLF](#) - "Bright Farm by Precision Livestock Farming"- Thomas Norton, Katholieke Universiteit Leuven (Belgium)
- [SWEEPER](#) - "Sweet Pepper Harvesting Robot" - Jos Balendonck – Project Coordinator, WUR (The Netherlands)

### Parallel session 2: Digitising food research, processing and consumption (MANSHOLT)

- [E-ROSA](#) – "Towards an e-infrastructure roadmap for open science in agriculture" - Odile Hologne – INRA (France)
- [RICHFIELDS](#) – "Research Infrastructure on Consumer Health and Food Intake using E-science with Linked Data Sharing" – Monique Raats, University of Surrey (United Kingdom)
- [Picknpack](#) – "Flexible robotic systems for automated adaptive packaging of fresh and processed food products" - Erik Pekkeriet, WUR (The Netherlands)
- [PeptEUForce](#) – "Using artificial intelligence and DNA analysis to find new disease-beating molecules in natural foodstuffs" - Emmet Browne, CEO of NURITAS (Ireland)

### Parallel session 3: Marine data and digitisation (JENKINS)

- [BlueBRIDGE](#) - Building Research environments for fostering Innovation, Decision making, Governance and Education to support Blue Growth- Donatella Castelli, Consiglio Nazionale delle Ricerche (Italy)
- [LakhsMI](#) - Sensors for LARge scale HydrodynaMIC Imaging of ocean floor - Maarja Kruusmaa, Tallinna tehnikaukool (Estonia)
- [EfficienSea2](#) - Efficient, Safe and Sustainable Traffic at Sea - Christopher Saarnak, Danish Maritime Authority (Denemark)
- [CEASELESS](#) - Copernicus Evolution and Applications with Sentinel Enhancements and Land Effluents for Shores and Seas - Agustin Sanchez Arcilla, Universitat Politecnica de Catalunya (Spain)

This session is common with the event on "[Blue Growth and research and innovation](#)". Presentation of the projects will be followed by a discussion on their uptake by a panel of users.

*15:30-16:00 - Coffee break*

### Reporting & closing session (DE GASPERI)

**16:00-16:30 – Flash report of the parallel sessions:** highlights on the main innovations presented and their promising character for the future, discussion with audience and take-home messages.

**16:30 – 16h45– Concluding remarks – Nathalie SAUZE-VANDEVYVER –** Director for Quality, research and innovation and outreach at European Commission, DG Agriculture and rural development.