



Subgroup on Innovation for agricultural productivity and sustainability

9th Meeting

13 October 2017

Lisbon, Portugal

#RNSubInnovation - @EIPAGRI_SP

Subgroup on Innovation for agricultural productivity and sustainability

9th Meeting – 13 October 2017



- 08:00 – 09:00 Registration
- 09:00 – 09:10 Welcome & introduction
- 09:10 – 11:00 Session I “Shaping the thematic work for 2018” – digitisation
Main outcomes of EIP-AGRI digitisation events
Ideas for EIP-AGRI digitisation activities in 2018
- 11:00 – 11:30 Coffee break
- 11:30 – 12:15 Feedback from the group discussions
- 12:15 – 13:30 Lunch
- 13:30 – 15:00 Session II “Recapping and fine-tuning the thematic work for 2018
in other thematic areas
Recap on the main outcomes of the discussion
Further fine-tuning 2018 thematic priorities
- 15:00 – 15:30 Feedback from the group discussions
- 15:30 – 15:45 Session III “Other networking activities in 2018”
- 15:45 – 16:00 Next steps and closing





Session I

“Shaping the thematic work for 2018” – digitisation

Main outcomes of EIP-AGRI
digitisation events

Fabio Cossu – Quico Onega

9th Meeting of the
Subgroup on Innovation



EU POLICY FRAMEWORK

#DigitalSingleMarket

Creating a #DigitalSingleMarket

DIGITISING EU INDUSTRY

Delivering on the Digital Single Market

Building the European Data Economy

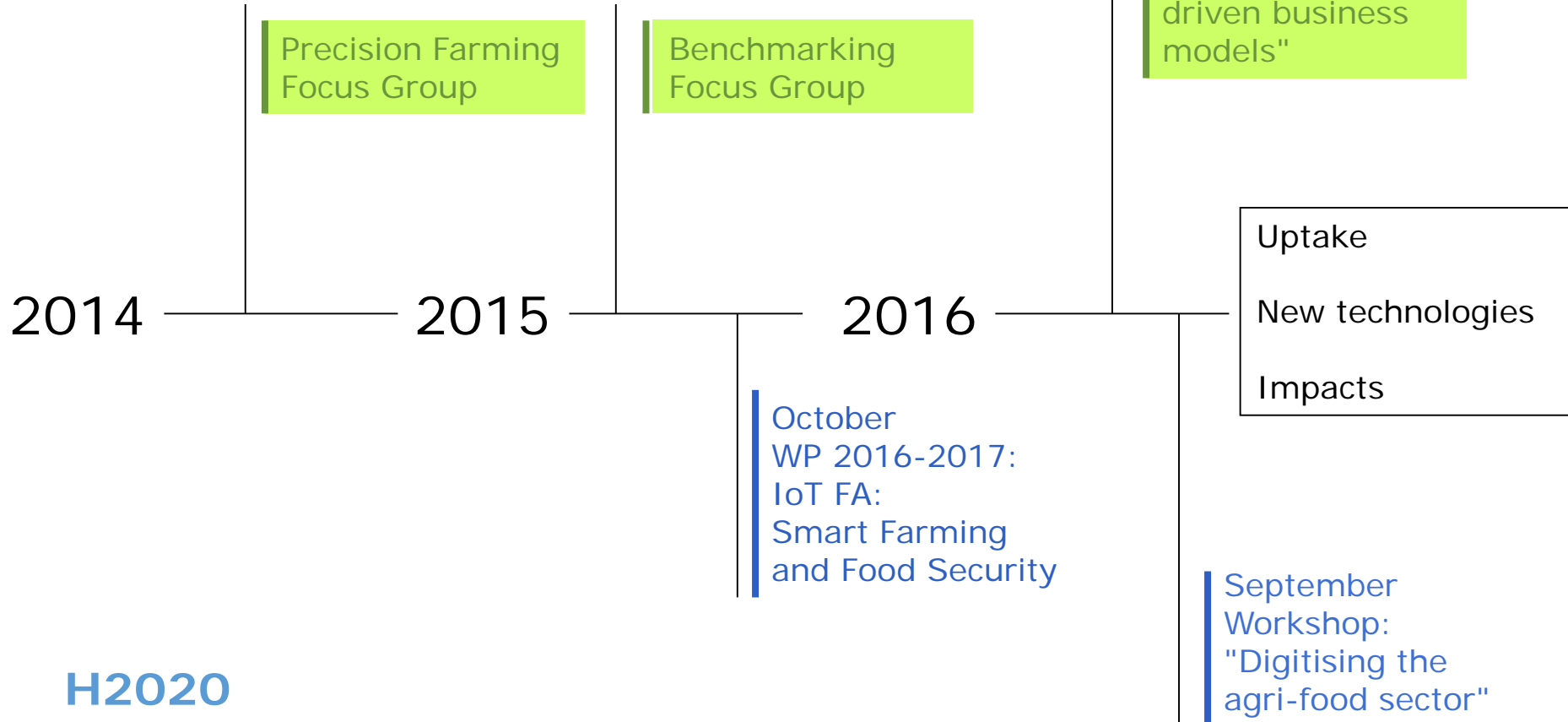


https://ec.europa.eu/agriculture/events/rural-development-2016_en

<https://ec.europa.eu/digital-single-market/en/policies/digitising-european-industry>

<https://ec.europa.eu/digital-single-market/en/policies/building-european-data-economy>

EIP-AGRI



EIP-AGRI

Uptake

New technologies

Impacts

2017

April 2017
Workshop "Data Sharing"

June 2017
Seminar "Digital Innovation Hubs: mainstreaming digital agriculture"

October
AIS - Lisbon

2018

November
"H2020
Digitisation Day"

IoF2020 – Internet of Food 2020 project

Publication WP 2018-2020

H2020



EIP-AGRI Workshop : "Data revolution: emerging new data-driven business models in the agri-food sector"

22-23 June 2016, Sofia (Bulgaria)

Actions with high potential to promote data-driven business models: :

- Develop an **EU ICT Architecture Strategy for AGRI-FOOD** to provide guidance on the desired information architecture, for a food sector based on family farms and SMEs in food processing
- Active **provision of digital data by government organisations** with open data, and integration of government data capturing with systems in the food chain
- Solve the **discussions on data ownership and data governance**
- Make a more **in-depth analysis of data-driven business models** to learn what works and what doesn't
- Create a research agenda for **real-time agronomic models**, to transform data into information that can be used for making farm decisions.

EIP-AGRI Workshop : "Data Sharing: ensuring a fair sharing of digitisation benefits in agriculture"

4-5 Apri 2017I, Bratislava (Slovakia)

1. Transparency & Trust

Clear contractual terms?

Safe data storage and management?

Clear on use of data & distribution of generated value?

Visible & credible service provider?

User in control of data sharing?

2. Terms of Use & Licensing

Customised & fine-grained enough for all data parts & derivatives & uses?

Specific provisions of who has access to what & for which purpose?

Clearly positioned in the Closed vs Open data spectrum?

3. Incentives

What type of incentives for data sharing are offered to make it a win-win case?
(monetary, features, added value extracted from data, societal good, etc.)

Digital Innovation Hubs: mainstreaming digital agriculture

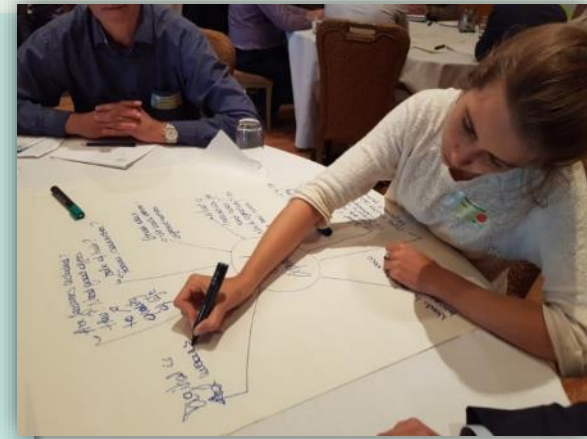
Kilkenny, Ireland– 1 – 2 June 2017

KEY CONCLUSIONS / PRIORITY ACTIONS

1. Identify **local/regional needs** and specialisations
2. Map and build on **existing initiatives**
3. **Farmers** at the core of the DIH ('interactive innovation' model)
4. Develop a strategic **business model**
5. Consider social / environmental concerns
6. Nurture the ecosystem / foster participation
7. Foster **collaboration** between hubs across Europe

→ **Everyone** has a role to play!

→ **Support under H2020** for connecting DIHs at the EU level



EIP-AGRI Focus Group : “Mainstreaming precision farming: *“How to organise the data capture and processing to mainstream the application of precision farming for an optimisation of inputs and yield?”*”

- Reliable Precision Farming **calculator tools** need to be developed or adapted
- Precision Farming **tools** that are specifically designed **for small and medium-sized farms** are needed
- Major steps are still required for the introduction and further development of i) **electric drives**; ii) **IoT**; iii) **nanotechnology** and **biosensors**; iv) **drones** and autonomous platforms
- Technical solutions also need to be developed to generate **‘as-applied’ maps** that can be combined with other data for making further **management decisions**.
- New business models for data management are needed; **sharing and open-data sources** should be developed to bring Precision Farming to the next level.
- Regional **training and awareness** are essential to reach advisers and small and medium-sized farms, as many farmers believe that Precision Farming is not profitable in small farms



eip-agri
AGRICULTURE & INNOVATION

Shaping the digital (r)evolution in agriculture



Thank you for your attention!

www.eip-agri.eu
Register today!