Data sharing in agriculture: EIP & H2020

Digitising agriculture and food value chains:
Improving data management from farm to fork

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2014

- October WP 2016-2017: IoT FA: Smart Farming and Food Security

2015

- Precision Farming Focus Group

2016

- June Seminar "Data driven business models"
- September Workshop: "Digitising the agri-food sector"
- IoF2020 –Internet of Food 2020 project

2017

- April Workshop "Data Sharing"
- IoF2020 –Internet of Food 2020 project

2018

- June Seminar "Digital Innovation Hubs: mainstreaming digital agriculture"
- October Lisbon innovation Summit

- November "Digitising agriculture and food value chains"
- Publication WP 2018-2020
EIP-AGRI Workshop: "Data Sharing: ensuring a fair sharing of digitisation benefits in agriculture"

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?

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?

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)
Which of the following possibilities do you want the Commission to develop in order to create a legal framework for data exchange?

1. No EU action needed, contractual arrangements offer the necessary legal framework 10%
2. Guidance documents at EU level 21%
3. EU regulation laying down how a number of basic principles needs to be applied 35%
4. Sectoral agreements developed in the different sectors that will be made obligatory by EU intervention 17%
5. EU defined default contract rules 17%

EIP-AGRI Workshop: "Data Sharing: ensuring a fair sharing of digitisation benefits in agriculture"
H2020 Work Programme

DT-ICT-08–2019: Agricultural Digital integration platforms

- Integration, interoperability, etc.
- Data sharing, knowledge generation
- Decision support systems

"Projects are required to develop adequate data governance model(s) defining the terms for access to data owned by another party."

RUR-14-2018: Digital solutions and e-tools to modernise the CAP

- Integration and digitisation of governance system(s) of the CAP (IACS)
- Interoperability & improved data flows
- User acceptance

(...)

European Commission
Background

**EIP-Focus Group "Mainstreaming Precision Farming"**
https://ec.europa.eu/eip/agriculture/en/focus-groups/mainstreaming-precision-farming

**EIP-AGRI EIP-AGRI seminar 'Data revolution: emerging new business models in the agri-food sector'.** 22-23 June 2016 in Sofia, Bulgaria.

**H2020 workshop on "Digitising the agri-food sector"**, 28-29 September 2016 in Brussels, Belgium

**EIP-AGRI Workshop on "Data Sharing: ensuring a fair sharing of digitization benefits in agriculture".** 4-5 April 2017 in Bratislava, Slovakia
http://ec.europa.eu/eip/agriculture/content/eip-agri-workshop-data-sharing

**EIP-AGRI Seminar on Workshop on "Digital Innovation Hubs: mainstreaming digital agriculture".** 1-2 June 2017 in Kilkenny, Ireland.

**Agri Innovation Summit 2017** 11-12 October 2017 in Lisbon (Portugal)
http://www.aislisbon2017.com/

**H2020 "Digitising agriculture and food value chains".** 17 November 2017 in Brussels, Belgium.

**EIP-AGRI Brochure**
Thank you!

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#H2020SC2

www.ec.europa.eu/agriculture/research-innovation_en