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# Horizon 2020 Work Programme for Research & Innovation 2018-2020

## Funding opportunities for digital transformation in agriculture and rural areas

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Horizon  
2020

## Focus Area

# 'Digitising and transforming European industry and services'

*Total indicative budget 2018-2020: 1.689 million*

Support the implementation of the **DEI strategy**, notably through **innovation hubs, platforms** and large-scale **pilots**

Foster the **uptake of digital technologies** and innovations, as well as **synergies with other KETs**

### Objectives

Leverage possibilities offered by ICT to **address major societal challenges**

Address and prepare Europe for the **societal impact of the digital transformation**

## Focus Area

# 'Digitising and transforming European industry and services'

### Information and Communication Technologies (LEIT-ICT):

Digital Innovation Hubs, platforms and large-scale pilots, € 461 million

**Nanotechnologies, advanced materials, biotechnology, advanced manufacturing and processing (LEIT-NMBP):** open innovation test beds, computational modelling, factories of the future, €703 million

**Space (LEIT-Space):** Copernicus and EGNSS market uptake, space hubs, €59 million

**Health and wellbeing (SC1):** smart and healthy living at home, smart hospital, €60 million

**Agriculture - Food security (SC2):** digital innovation hubs and platforms for agriculture and rural economies + several topics in all three calls, €112 million

**Energy (SC3):** smart homes and grids, Big Data for energy, €30 million

**Transport (SC4):** automated road transport, €103 million

**Innovative, inclusive and reflective societies (SC6):** modernisation of public services, new approaches to policy making, digitisation of cultural heritage, inclusion, €166 million

# EU POLICY FRAMEWORK FOR DIGITAL TRANSFORMATION IN AGRICULTURE AND RURAL AREAS

#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/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>

## DG AGRI activities – Background information

### **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.

<https://ec.europa.eu/eip/agriculture/event/eip-agri-seminar-'data-revolution-emerging-new>

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

<http://ec.europa.eu/programmes/horizon2020/en/news/digitising-agri-food-sector-workshop>

**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.

<http://ec.europa.eu/eip/agriculture/content/eip-agri-seminar-digital-innovation-hubs-mainstreaming-digital-agriculture>

**Agri Innovation Summit 2017** 11-12 October 2017 in Lisbon (Portugal)

<http://www.aislisbon2017.com/>

**Horizon 2020 Societal Challenge 2 Infoweek + high-level policy events 14-17 November 2017** in Brussels

<http://ec.europa.eu/programmes/horizon2020/en/news/horizon-2020-societal-challenge-2-infoweek-including-high-level-policy-events>

## Other activities – Background information

### **Digitising European Industry Strategy (DEI):**

#### **Working Group 1.- Digital Innovation Hubs**

[https://ec.europa.eu/futurium/en/system/files/ged/dei\\_working\\_group1\\_report\\_dec2016\\_v1.2.pdf](https://ec.europa.eu/futurium/en/system/files/ged/dei_working_group1_report_dec2016_v1.2.pdf)

#### **Working Group 2.- Digital Industrial Platforms**

[https://ec.europa.eu/futurium/en/system/files/ged/dei\\_wg2\\_final\\_report.pdf](https://ec.europa.eu/futurium/en/system/files/ged/dei_wg2_final_report.pdf)

# RUR Topics WP 2018-2020 – Digital transformation in agriculture and rural areas (102 mill. euro)

## Uptake

RUR-13-2018 - Enabling the farm advisor community to prepare farmers for the digital age

\*DT-RUR-12-2018 - ICT Innovation for Agriculture - Digital Innovation Hubs for Agriculture

## Technology Development

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

\*\*DT-ICT-08-2019 - Agricultural digital integration platforms

\*\*DT-ICT-09-2020 - Digital service platforms for rural economies

## Impact

RUR-02-2018 - Socio-economic impacts of digitisation of agriculture and rural areas

\* Topics published under "Information and Communication Technologies" Work Programme

\* RUR Topics contributing to the Focus Area "Digitising and transforming European industry and services"

\* SFS and BG topics contributing to the Focus Area "Digitising and transforming EU industry and services: DT-SFS-14-2018, DT-SFS-26-2019, DT-BG-04-2018-2019

# EIP-AGRI Brochure

## "Shaping the digital (r)evolution in agriculture"



[https://ec.europa.eu/eip/agriculture/sites/agri-eip/files/eip-agri\\_brochure\\_digital\\_revolution\\_2017\\_en\\_web.pdf](https://ec.europa.eu/eip/agriculture/sites/agri-eip/files/eip-agri_brochure_digital_revolution_2017_en_web.pdf)

# Thank you!

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[www.ec.europa.eu/agriculture](http://www.ec.europa.eu/agriculture)

Participant Portal

<http://ec.europa.eu/research/participants/portal/desktop/en/home.html>