



#InvestEUresearch

Horizon 2020 Work Programme for Research & Innovation 2018-2020

Infoday, 14 November 2017

Rural renaissance call (RUR)

This presentation does not engage the Commission,
please refer to the official documents.

Research and
Innovation



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Horizon 2020 Work Programme for Research & Innovation 2018-2020

Infoday, 14 November 2017

RUR call

From farm to society: understanding
dynamics and modernising policies

Alexia ROUBY, UNIT B2
European Commission – DG AGRI

Research and
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RUR-01-2018-2019 – Building modern rural policies on long-term visions and societal engagement

Background

- **A lot of projects already funded but:**
 - insufficient policy uptake
 - **Needs for interfaces with policy & society (2018)**
- **Still knowledge gaps** on long-term trends and how to address them – focus on:
 - Demography/generation renewal (2018)
 - *Climate change in mountain areas (2019)*

+ Lots of research already

EU Rural research themes	FP7	FP6	preFP6	other studies
Drivers and trends	PARISAPATH, DEVRES, TRANSMANCO	PARCO, AG2020	DOKA	SCENAR2020II, SCAR, Foresight
Rural differentiation/typologies	PADMINA, RUPUS	SCARLED		OSCO typology, Territorial Indicators
Rural theory		ETUDE, RAPIDO	ASPIRE	DOKA (ESPON)
Sustainable development/ecosystems	SOUSERVICELIAM, ANAREE, ENVIERVAL, OLIVIA	COCONUT, UNICAP, MALLUS		Renoual/terroir (Incep)
New land management	VOLANTE			
Rural employment/enterprise	RURAL JOBS			
Value chains	OLIVAR			
Social dimension				
multifunctionality/public goods	PRIMA, ARANDE			
Knowledge systems/innovation	SOUSVALERIE, AgriSPIN, IN2020			
Urban/rural interaction	PUREFOOD			
governance	SUPERSPOOD			
policy/impact	RuCI, SPARD, CAPIRE			

+ But, how much has it helped shape investments, policy or delivery?

- Some research is driven by academics – delivering excellent science through published papers and academic conferences
- But, “Rural growth opportunities” ought to warrant a wider approach to dissemination

So... what does this mean for EU research going forward?

- First, pull together and communicate what we know from recent work
- And then address the challenges and opportunities over the next two decades
- ... always bearing in mind the potential users/beneficiaries

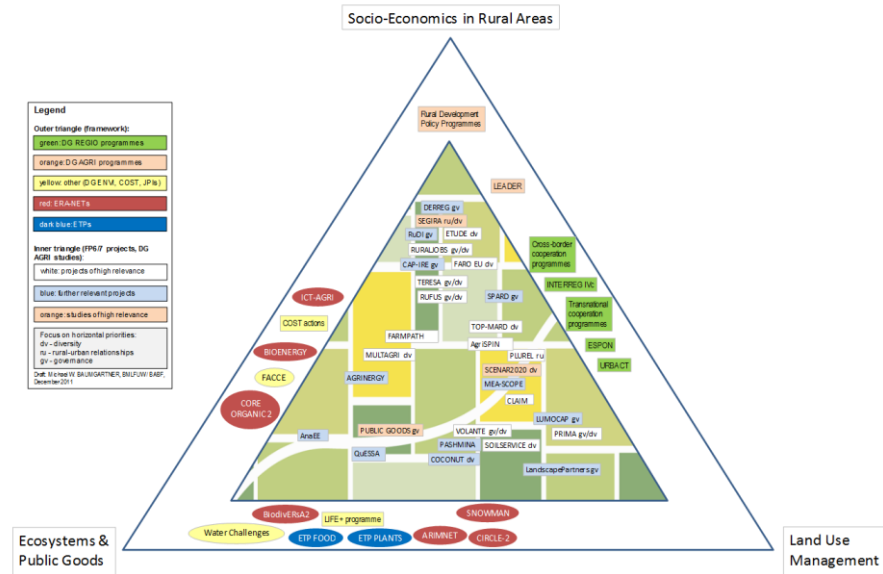
Projects will have to cluster with one another, RUR-02-2018 and others in the field

Source: Expo Milan [workshop 19.06.2015](#)
R. Wakeford "[New openings for Rural Growth](#)"

RUR-01-2018-2019 – A – Rural society-science-policy hub (CSA)

Requirements to keep in mind

- Aim: modern evidence-based **rural policies**
- Create **interface**: links between policy, science, stakeholders and rural dwellers
- Key objectives:
 - Stock-taking, **past** (FP last 15 y.) and **on-going** rural R&I
 - Translate → **attractive, useful, material**
 - **Engage** with the public on the design of future policies (CAP and research; EU/regional/local)
 - Explore how to make the interface **long-term**
- Balanced set of of geo. and socio-eco. conditions
- Multi-actor & public engagement
- Communication **is core: real added value**
 - ≠ target groups; countries, languages
 - cooperation/networking



Sources: Cordis, project websites; own illustration 2011 and 2015

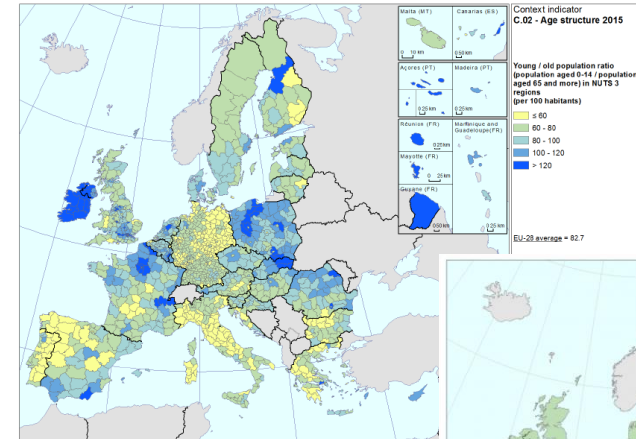
Diagramme from RURAGRI-ERANET presented at [workshop on R&I needs for rural areas](#)

RUR-01-2018-2019 – B – Renewing rural generations, jobs and farms (RIA)

Requirements to keep in mind

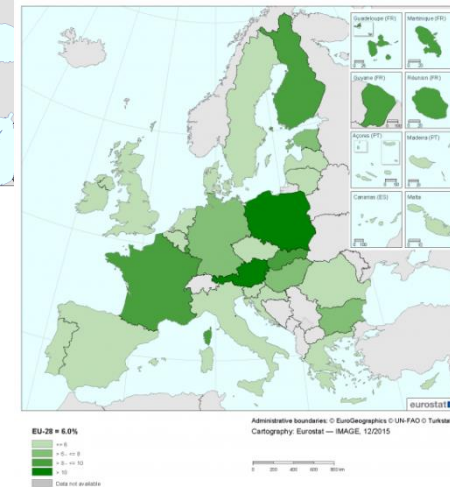
- Address generation renewal:
 - in **rural areas in general** (all sectors)
 - with special attention to **farming**
 - in the **long-term** (foresight)
 - → design new rural policies
- **Gender, age, migration** dimensions
- Demography + **skills/social capital** aspects
- Special attention to **new entrants** into farming/new rural dwellers & issue of access to land
- **Balanced set of geographic and socio-economic situations in the EU**
- **Quantitative + qualitative**
- **Multi-actor + public engagement**

Figure 11: Age structure, young/old population ratio, 2015



See also [Common Context Indicator 2: Age structure](#)

Young/old ratio NUTS 3 ([DG AGRI](#), 2015)



Farm managers aged less than 35
– 6% average ([EUROSTAT](#), [FSS 2013](#))

RUR-01-2018-2019 – A – Rural society-science-policy hub (and B!)

Useful resources

• Policy:

- [Rural development under the CAP](#)
- [Cork 2.0](#)
- [European Network for Rural Development](#)
- [Rural development in OECD - Rural policy 3.0](#)

• Research & innovation and rural areas

- [What can research and innovation do to empower rural people? \(2015\)](#)
- ["Towards a long-term strategy for European agricultural research and innovation by 2020 and beyond" \(2015\)](#)
- [Long-term strategy for EU agricultural R&I \(2016\)](#) – New openings for rural growth/understanding territorial dynamics

• Past and on-going research:

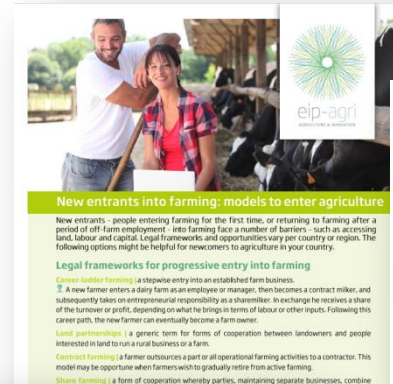
- [RURAGRI-ERANET](#)
- [Running H2020 projects](#) by theme

• Public engagement: [Engage 2020 \(action catalogue\)](#)



RUR-01-2018-2019 – B – Renewing rural generations, jobs and farms (RIA)

- Resources:
 - Young farmers in the CAP: [page - Brochure](#)
 - EIP-AGRI [Focus group on new entrants into farming](#): [Report - Factsheets](#)
 - *Thematic network "NEWBIE" soon to start*
 - *Past projects of interest: [RURALJOBS](#)*
 - *Take a look at [ESPON](#): [Policy brief on shrinking rural regions](#)*





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RUR call

From farm to society: understanding
dynamics and modernising policies

Gaetan DUBOIS, UNIT B2
European Commission – DG AGRI

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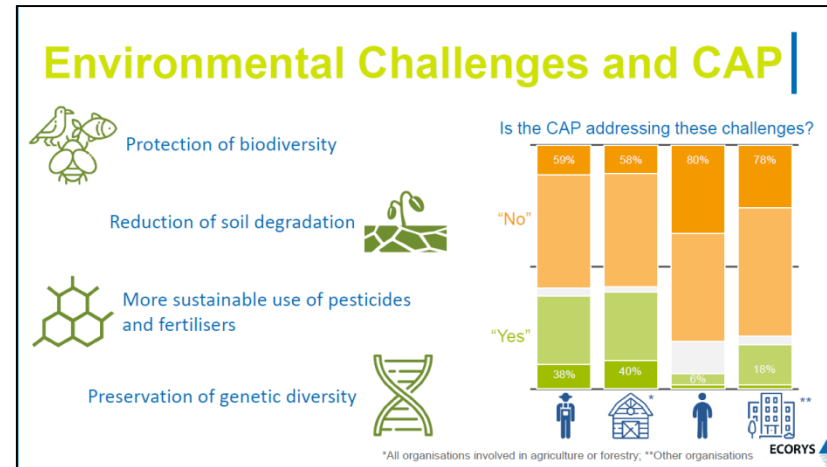
RUR-03-2018: Contracts for effective and lasting delivery of agri-environmental public goods

Background

3 most pressing challenges of EU agriculture:

- **fair standard of living** for farmers;
- pressures on the **environment***;
- **climate change** (both mitigation and adaptation).

*clear priority is given by respondents (both farmers and non-farmers) to the protection of **biodiversity**, **reduction of soil degradation** and a more sustainable use of **pesticides and fertilisers**.



RUR-03-2018

Requirements to keep in mind

- Explore existing and design new approaches to improve **cooperation** (public and private);
- Combined or stand-alone, the 3 following issues will be covered:
 - ✓ Land tenure systems;
 - ✓ Result-based approaches;
 - ✓ Collective implementation
- How **duties and responsibilities** are shared between two or more parties;
- **Diversity** of European situations (legal and historical contexts, categories of land ownership);
- Renovated and coherent agri-environment-climate contractual **framework**.



RUR-03-2018

Cross-cutting issues

- **Multi-actor** approach;
- **Transdisciplinarity** – economic, social, behavioural issues;
- **Science-Policy-Society** interface



RUR-03-2018

Useful resources

- Farming for Biodiversity - the results-based agri-environment schemes + Conference – Brussels the 30 March 2017

http://ec.europa.eu/environment/nature/rbaps/index_en.htm

<https://webcast.ec.europa.eu/results-based-agri-environment-schemes-rewarding-farmers-for-biodiversity-achievements>

- OECD – Providing Agri-environmental Public Goods through Collective Action

<http://www.oecd.org/environment/providing-agri-environmental-public-goods-through-collective-action-9789264197213-en.htm>

- Land as a resource – study + Conference – Brussels 19 June 2014

<https://publications.europa.eu/en/publication-detail/-/publication/fdbdf00a-87ac-4c85-8eab-ef60118963c5>

http://ec.europa.eu/environment/land_use/conference_en.htm

- EIP-AGRI WS: Tools for environmental farm performance

<https://ec.europa.eu/eip/agriculture/event/eip-agri-workshop-tools-environmental-farm>

<https://ec.europa.eu/eip/agriculture/en/focus-groups/benchmarking-farm-productivity-and-sustainability>

- Public Goods: putting the concept into practice – ISIB-01-2014

<http://pegasus.ieep.eu/>



<http://www.provide-project.eu/>





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Marc DUPONCEL, UNIT B2
European Commission – DG AGRI

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RUR-04-2018: Analytical tools and models to support policies related to agriculture and food

Requirements to keep in mind

- Sub-topic A **only is for 2018**. Modelling of international trade (sub-topic B) is for 2019 – get prepared also for 2019 part!
- Various **policy objectives** to be covered;
- Various **geographical** scales;
- Modular and customisable **suite of tools**;
- Several projects are expected to be funded. Hence, proposals should include a task to **cluster** with the other projects financed under the topic and also with the modelling platform SUPREMA (SFS-49-2017).



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Infoday, 14 November 2017
RUR call

Organising sustainable food
and non-food value chains
under changing conditions

José RUIZ ESPI, UNIT B2
European Commission – DG AGRI

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CE-RUR-08-2018-2019-2020

Closing nutrient cycles

Circular Economy Package (December 2015)

- Proposal for a revised **fertilisers regulation** (March 2016)
 - New fertilisers based on organic waste are expected to emerge
 - Need to understand **properties and impacts** (to maximise benefits and anticipate issues) → scope 1
 - Need to develop technologies → scopes 2 and 3
- Assess contribution of 2012 **EU Bioeconomy Strategy** to CE
 - Review completed in 2017 (SWD)
 - Significant contribution, but **bioeconomy to become more circular**

CE-RUR-08-2018-2019-2020

Requirements to keep in mind

- ✓ Improved knowledge of
 - ✓ Agronomic performance
 - ✓ Broad environmental impacts across value chain
 - ✓ Regional dimension of nutrient flows

- ✓ Cluster with projects financed under this topic, SFS-39-2019 and other projects in Horizon 2020 (including BBI JU).

CE-RUR-08-2018-2019-2020

Useful resources

- EIP-AGRI Focus Group "Nutrient Recycling":
<https://ec.europa.eu/eip/agriculture/en/focus-groups/nutrient-recycling>
- Circular Economy:
http://ec.europa.eu/environment/circular-economy/index_en.htm
- Fertiliser Regulation (EC proposal, March 2016):
<https://ec.europa.eu/transparency/regdoc/rep/1/2016/EN/1-2016-157-EN-F1-1.PDF>
- EU Bioeconomy Strategy:
<http://ec.europa.eu/research/bioeconomy/index.cfm?pg=policy&lib=strategy>

RUR-09-2018: Realising the potential of regional and local bio-based economies

Need to support regions in developing the bioeconomy

- Bratislava Bioeconomy Conference (2016)
- Łódź Declaration of Bioregions (2016)
- Study '*Bioeconomy development in EU regions*' (2017)



Importance of regions in developing bio-economies.
Many regions lagging behind.

RUR-09-2018

Requirements to keep in mind

✓ **Direct support** to regions:

✓ Guidance, capacity building

✓ Cooperation, networking, knowledge exchange...

✓ Development of adapted strategies and roadmaps → synergy with other policies and funding sources

✓ **Information:**

✓ Analysis and benchmark of bio-based business models (including small-scale)

RUR-09-2018

Useful resources

- Bioeconomy development in EU regions:
https://ec.europa.eu/research/bioeconomy/pdf/publications/bioeconomy_development_in_eu_regions.pdf
- Bratislava bioeconomy conference 2016:
<http://www.bioeconomybratislava2016.eu/conclusion.html>
- Łódź Declaration of Bioregions:
<http://scanbalt.org/wp-content/uploads/2016/11/LODZ-BIOCOMMUNITIES-DECLARATIONfinalEN6.pdf>



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RUR call

Taking advantage
of the digital revolution

Louis MAHY, Ana CUADRADO, Inge VAN OOST
European Commission – DG AGRI, Unit B2

Research and
Innovation

Taking advantage of the digital revolution

Main objective

To support **digital transformation in agriculture and rural areas**

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

EU policy context



<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>



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

AGRI relevant activities Background information (1)

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/>

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

<http://ec.europa.eu/programmes/horizon2020/en/news/digitising-agriculture-and-food-value-chains>

Other activities Background information (3)

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

❖ Working Groups 2.- "Digital industrial Platforms"

https://ec.europa.eu/futurium/en/system/files/ged/dei_wg2_final_report.pdf

The Alliance of Internet of Things Innovation

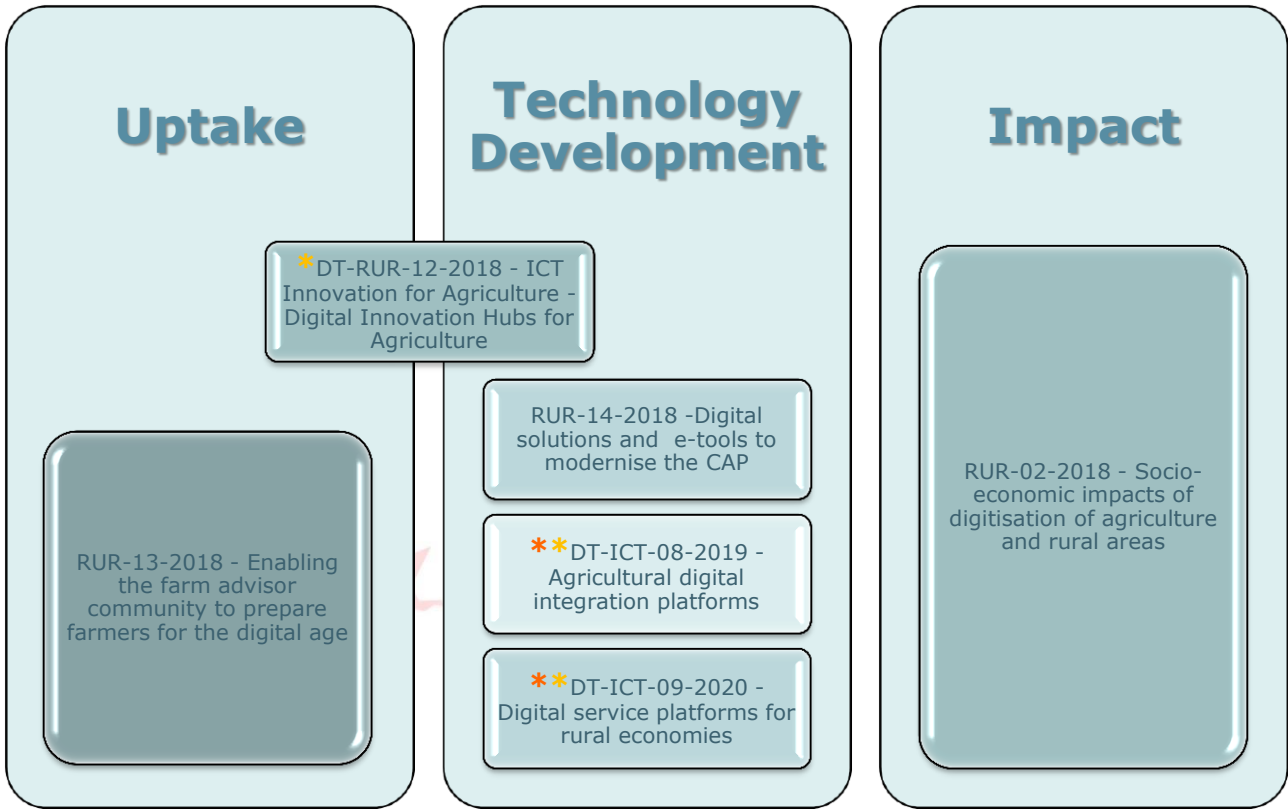
<http://www.AIOTI.eu>

ICT Proposers' Day: 9-10/11/2017 in Budapest

<https://ec.europa.eu/digital-single-market/en/events/ict-proposers-day-2017>



RUR Topics WP 2018-2020 (102 M euro)



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

* 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

DT-RUR-12-2018 - ICT Innovation for Agriculture - Digital Innovation Hubs (DIH) for Agriculture

DIGITISING EUROPEAN INDUSTRY (DEI)

"Aims to ensure that any industry in Europe, large or small, wherever situated and in any sector can fully benefit from digital innovations to upgrade its products, improve its processes and adapt its business models to the digital age".

❖ Final report Working Group on Digital Innovation Hubs - Roundtable DEI

https://ec.europa.eu/futurium/en/system/files/ged/dei_working_group1_report_june2017_0.pdf

❖ Final Report EIP-AGRI Seminar "Digital Innovation Hubs for Agriculture"

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

❖ Call H2020-DT-2018-2020 – Digitising and transforming European Industry and services: DIHs and platforms

http://ec.europa.eu/research/participants/data/ref/h2020/wp/2018-2020/main/h2020-wp1820-leit-ict_en.pdf

DT-RUR-12-2018

- ❖ Building a **network of Digital Innovation Hubs** across Europe
 - ✓ DT-ICT-06-2018: Coordination and Support Activities for Digital Innovation Hub network
- ❖ **Critical mass** of highly innovative, cross border experiments
 - ✓ Financial support to third parties .- Annexe K
- ❖ **Multi-actor** approach
- ❖ Activities should aim at long-term **sustainability**: business plan for DIH
- ❖ **Use existing** networks / initiatives

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

DIGITISING EUROPEAN INDUSTRY (DEI)

"Aims to ensure that any industry in Europe, large or small, wherever situated and in any sector can fully benefit from digital innovations to upgrade its products, improve its processes and adapt its business models to the digital age".

❖ Final report Working Group on Digital Industrial Platforms - Roundtable DEI

https://ec.europa.eu/futurium/en/system/files/ged/dei_wg2_final_report.pdf

❖ EIP-AGRI reports

<https://ec.europa.eu/eip/agriculture/en/publications/eip-agri-seminar-data-revolution-final-report>

<https://ec.europa.eu/eip/agriculture/en/publications/eip-agri-workshop-data-sharing-final-report>

<https://ec.europa.eu/eip/agriculture/en/publications/eip-agri-focus-group-benchmarking-final-report>

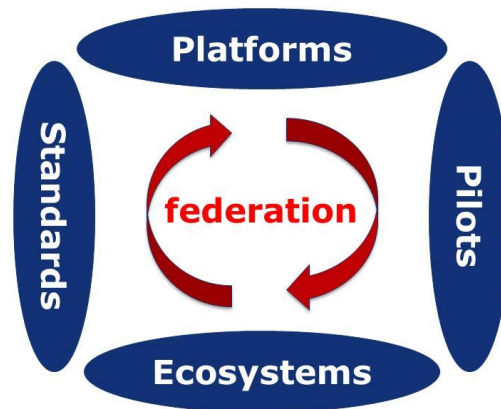
❖ Call H2020-DT-2018-2020 – Digitising and transforming European Industry and services: DIHs and platforms

http://ec.europa.eu/research/participants/data/ref/h2020/wp/2018-2020/main/h2020-wp1820-leit-ict_en.pdf

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

"(...) four activities and impact criteria described in the introductory section 'Platforms and Pilots' have to be applied.":

- ❖ **Integration** of key digital technologies
- ❖ Digital industrial platforms, reference architectures, ...
- ❖ Reference implementations, **large-scale piloting**, experimentation environments
- ❖ **Ecosystem building** and **standardisation**



DT-ICT-08-2019

❖ **Scope: Pilots should address the 3 aspects:**

- Building platforms integrating different technologies.
- Sharing data and generating knowledge.
- Developing decision support systems

❖ **Supply & demand side**

- Financial support to third parties to extend the innovation ecosystems
- Advisory, dissemination, benchmarking...
- Test-bed, pilot farms, ...

❖ **Large & small, wide geographic coverage & minimum 3 sectors**

❖ **Multi-actor**

❖ **Opening date: 26 July 2018 / Deadline: 14 November 2018**



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

❖ Digital Single Market Communication

europa.eu/rapid/attachment/IP-15-4919/en/DSM_communication.pdf

❖ Fourth industrial revolution

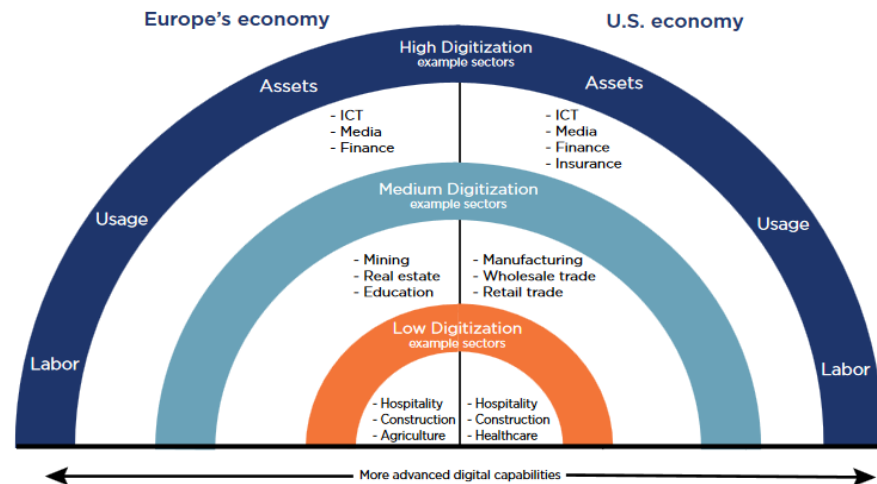
<https://ec.europa.eu/digital-single-market/en/fourth-industrial-revolution>

❖ EIP-AGRI seminar on data revolution

<https://ec.europa.eu/eip/agriculture/en/publications/eip-agri-seminar-data-revolution-final-report>

❖ Smart-specialisation knowledge repository

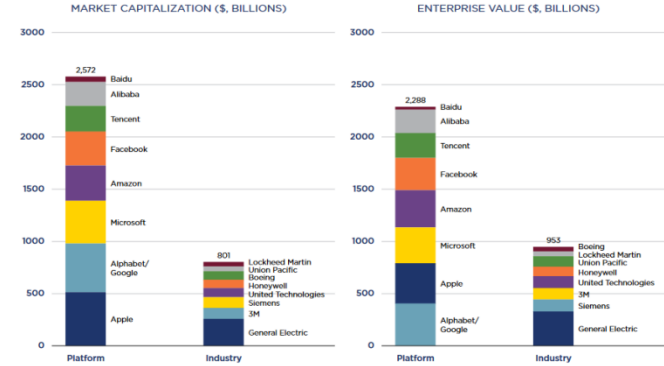
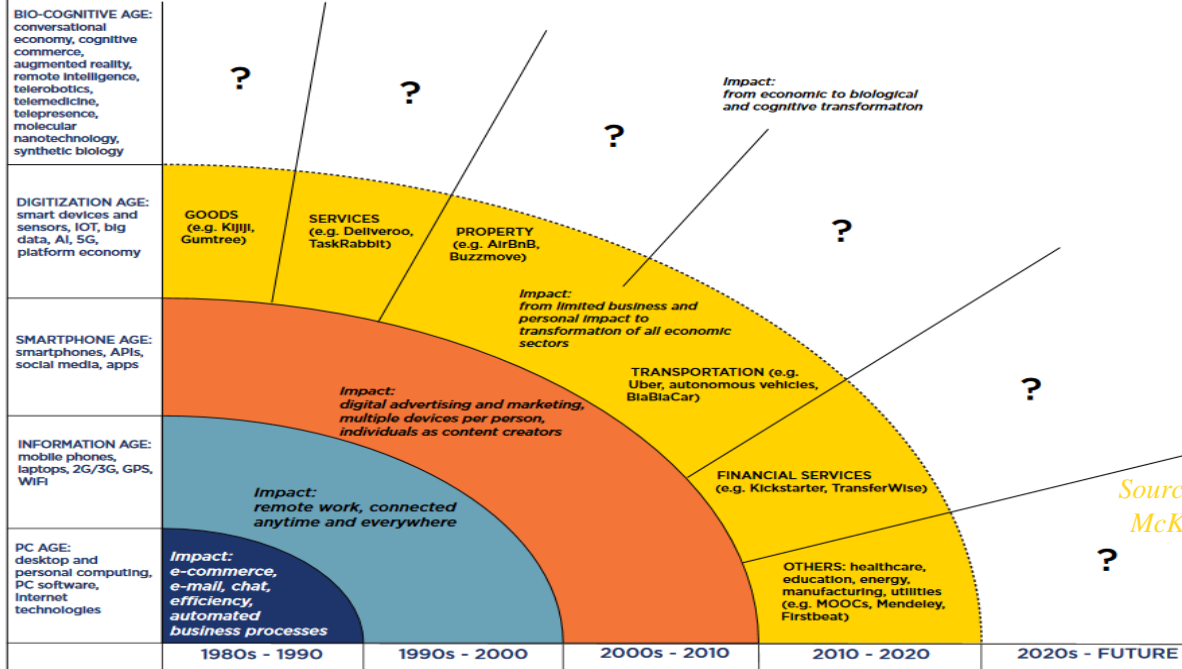
<http://s3platform.jrc.ec.europa.eu/knowledge-repository>



Source: McKinsey Global Institute.¹

RUR-02-2018

TECHNOLOGIES



Source: Internet Economy Foundation."

The Expanding Digital Frontier

Sources: GMSA Intelligence; McKinsey Global Institute;

RUR-02-2018

❖ Impact of digitisation

- + & -
- Dynamics
- **At least:** employment and quality of life, functioning of markets and value chains, competitiveness and scalable opportunities for agricultural and rural businesses and (re)deployment of public services
- Foresight, scenario building

❖ Multi-actor

- Stakeholders & policy

❖ Strategies for inclusive & competitive EU agricultural and rural economies

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

- ❖ EU eGovernment Action Plan 2016-2020
- ❖ Previous pilots (CNECT – SC6)
 - Transboundary & Regulatory impact



❖ CAP Integrated Administration and Control System

https://ec.europa.eu/agriculture/external-studies/burden_en

https://ec.europa.eu/agriculture/cap-overview/simplification/background_en

https://ec.europa.eu/agriculture/consultations/cap-modernising/2017_en

https://ec.europa.eu/agriculture/events/cap-have-your-say/workshops_en

RUR-14-2018

❖ Integration & digitisation of IACS

- **Interoperability** & improved data flows
- Innovative ways of using agri-env data (CAP & ...)
- User acceptance
- Socio-economic impact

❖ Pilot > 12 months in real conditions

❖ Administrations:

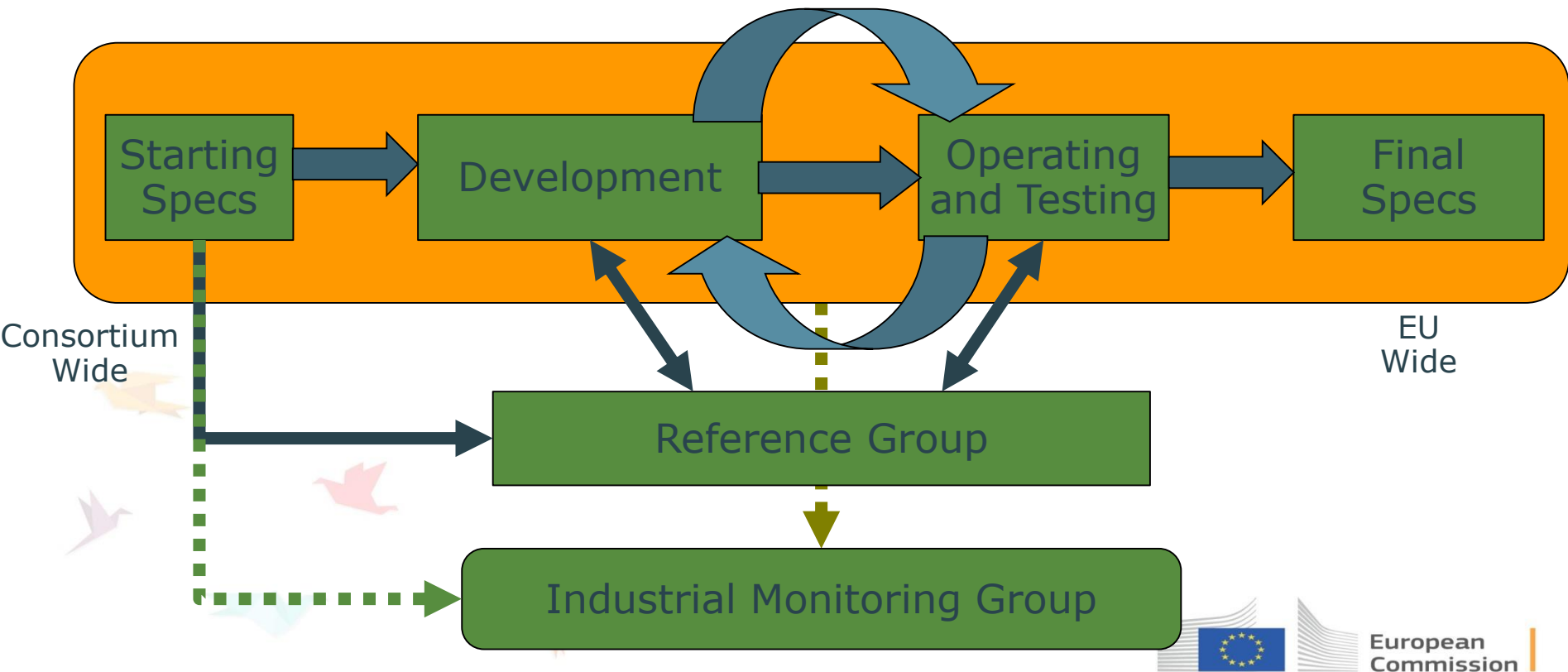
- ≥ 6 Member States should be involved
- Solution applicable in ALL Member States (reference group)

❖ Technology providers

- EU Public Licence
- Possibility for third party financing

❖ Multi-actor approach

RUR-14-2018



RUR-13-2018 - Enabling the farm advisor community to prepare farmers for the digital age (1/3)

- ❖ The majority of 12 mio EU farmers needs **support** from trusted advisors to step into and **orient themselves in the digital landscape.**
- ❖ Farmers need help to understand their **role and position** in a digital environment, **including costs and benefits**, and to **make decisions on ICT adapted to the specific farm context.**
- ❖ Therefore this CSA is aiming to motivate **independent advisors to embrace** the digital revolution by **better sharing of existing tools already familiar** to (some) farmers and advisors (available ICT tools on biological, physical, economical processes providing added value to current advisory)

RUR-13-2018 (2/3)

- ❖ Moreover: **rethinking the use of data** within regional and national Agricultural Knowledge and Innovation Systems (AKIS): **many existing and new data flows could fulfill multiple uses and be brought to a higher level** if supported by independent advisors (= essential part of the future role of independent advisors)
- ❖ Systematic delivery of knowledge and resources to support digital innovation, to **make advisors eager and able to spread ways to apply digital advisory tools**, helping farmers to **handle investments in digital technologies**
- ❖ **Network farm advisors across the EU**, in this way **creating spill-over effects** between advisors (peer-to-peer)
- ❖ Effecting **into digital tool infrastructures** between EU agricultural advisors

RUR-13-2018 (3/3)

Requirements to keep in mind

- ❖ Multi-actor approach: which actors to focus on in particular? End-users (=farmers) which need to be motivated by already **trusted advisors (key-actors for the purpose of this topic)** to take up and co-create digital applications. => Bring together public and private **advisors with day-to-day on-farm advisory experience across the EU**
- ❖ Minimum **5 years** of (1) **sharing and improving existing best practice between** advisors on ICT tools across EU MSs (e.g. nutrient management plans, PPP registration, genetics, AEM, RD & IACS applications etc) and (2) **gradually developing new** types of digital advisory activities where possible with outcomes from EU agricultural digitisation projects (or other)
- ❖ Seek synergies with national/regional EIP Operational Groups and networks
- ❖ Coordinate strategy with **SWG SCAR-AKIS** (=>other projects)





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RUR call

Boosting innovation
and enhancing the rural and social
capital in rural areas

Inge VAN OOST

European Commission – DG AGRI, Unit B2

Research and
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RUR-15-2018 – Thematic networks compiling knowledge ready for practice

- ❖ Much of the existing research findings and best practices stays **unused**;
- ❖ => **Summarise, share and present** - in a language that is **easy to understand** and is **targeted to farmers and foresters** - existing best practices and research findings that are near to being put **into practice**, but **not sufficiently known or used** by practitioners;
- ❖ Themes must **focus on most urgent needs of farmers and foresters** (↔ policy needs);
- ❖ Should **pay attention to cost-benefit aspects** of the solutions presented;
- ❖ Show **added value** of the subject by a comprehensive description of what has been done already (state of play) – avoid duplication.

RUR-15-2018

- ❖ If duly substantiated, proposals **may focus on widening an existing TN**, be it **content-wise** or in terms of **geographical coverage**, eg through twinning or cross-border exchange visits (take period into account)
- ❖ End product should be **substantial "appealing" end-user** knowledge (e.g. some 100 EIP PAs, + photos, videos, demos etc)
- ❖ **Synergies sought with EIP Operational Groups** or - if useful- other ESIF project
- ❖ Minor testing allowed, max 20% of the budget
- ❖ Use **main trusted dissemination channels**, and also feed into education/training

Existing bottom-up Thematic Networks 2014-2016

A complementary set of themes (sectors) (1/3)

RUR 10 - 2016	CERERE	Cereals: organic/low input cereal food systems for biodiversity and quality (production, processing, marketing)
RUR 10 - 2016	Eu PiG	Pig husbandry: health management, precision production, welfare and meat quality
RUR 10 - 2016	Inno4Grass	Productive grasslands: profitability and environmental services
RUR 10 - 2016	SheepNet	Improving sheep productivity
ISIB 2 - 2014	Winetwork	Wine diseases: Grapevine Trunk Disease and Flavescence dorée
ISIB 2 - 2014	OKNetArable	Organic agriculture - arable crops
ISIB 2 - 2014	Hennovation	Animal welfare hens
ISIB 2 - 2015	4D4F	Data and sensor driven decision making on dairy farms
ISIB 2 - 2015	EuroDairy	Practice-based innovations in dairy farming: resource efficiency, Biodiversity, Animal care, and Socio-economic resilience
ISIB 2 - 2015	EUFRUIT	Fruit: cultivar development, minimize residues, storage and fruit quality, sustainability of production systems

Existing Thematic Networks 2014-2016

A complementary set of themes (cross-cutting themes) (2/3)

RUR 10 - 2016	SKIN	Stimulating innovation and good practices in short supply chains
RUR 10 - 2016	AFINET	Agroforestry: sylvoarable and sylvopastoral systems' design, management and profitability
ISIB 2 - 2014	Agri-Spin	Innovation brokering methods
ISIB 2 - 2015	AGRIFORVALOR	Valorization of biomass side-streams from agriculture and forest
ISIB 2 - 2015	Smart-AKIS	Smart Farming Technology: Management Information Systems, Precision Agriculture and Agriculture automation and robotics
ISIB 2 - 2015	HNV-Link	Support HNV farmlands through knowledge and innovation
WATER 4B - 2015	FERTINNOWA	Optimize water and nutrient use efficiency: dbase on innovative technologies and practices for fertigation of horticultural crops

Existing Thematic Networks 2014-2016

A complementary set of themes (cross-cutting themes) (3/3)

ENABLING	Upscaling biomass production and pre-processing for bio-based value chains
INCREDible	Non Wood Forest Products: Cork, Resins and Edibles in the Mediterranean basin
NEWBIE	New Entrant netWork: Business models for Innovation, entrepreneurship and resilience
OK-Net EcoFeed	Organic Knowledge Network on Monogastric Animal Feed (pigs, broilers, hens)
PANACEA	Non-food Crops' penetration path





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Horizon 2020 Work Programme for Research & Innovation 2018-2020

Infoday, 14 November 2017

The Multi-Actor Approach

Inge VAN OOST
European Commission – DG AGRI, Unit B2

Research and
Innovation

Multi-actor approach in WP 2018 - 2020

- ❖ **Clear list of requirements, forming fully part of the topic** through the sentence "*Proposals should fall under the concept of the 'multi-actor approach' + ref to definition of the 'multi-actor approach' in the introduction of this Work Programme part **page 8-9.***"
=> Not a "cross-cutting issue" (as RRI, SSH, gender);
- ❖ **Demonstrate** (linked to Excellence= **Clarity and pertinence of the objectives & soundness of the concept!**):
 - how the project proposal's objectives and planning are **targeting needs/problems and opportunities of end-users**;
 - how it **complements existing research and best practices**: building blocks for innovation are expected to come from science as well as from practice and intermediaries.

Multi-actor approach in WP 2018 - 2020

- ❖ **End-users (OF THE PROJECT RESULTS)** and practitioners are **to be involved**, not as a study-object, but in view of using their entrepreneurial skills and tacit knowledge for developing solutions and creating "co-ownership" of results,
- ❖ which speeds up the acceptance and dissemination of new ideas. (=> **forming part of the consortium**: "...composition of the consortium and the description of the project concept should reflect...")
- ❖ The project should result in practical knowledge made easily understandable and accessible, which **feeds into the existing dissemination channels most consulted by end-users in countries**;
- ❖ For **EU wide** communication, this knowledge should also be assembled into a **substantial number of 'practice abstracts' in the common EIP format.**



How to build a successful Horizon 2020 multi-actor project? (1/4)



Target **real-life needs, problems or opportunities**



Choose consortium partners with **complementary types of knowledge and skills** (for "cross-fertilisation")



including **farmers, foresters or other end-users** to benefit from their entrepreneurial skills



How to build a successful Horizon 2020 multi-actor project? (2/4)



Involve “multipliers” - people who can bring in practical knowledge and help disseminate the results in the long term



Set up a plan with a **clear role for each of the different partners**



Organise **knowledge exchange activities** between the partners



How to build a successful Horizon 2020 multi-actor project? (3/4)



Bridge the gap between research and practice **by facilitating discussions**



Involve interactive innovation groups such as **EIP-AGRI Operational Groups**



All partners must **co-create and co-decide throughout the project**

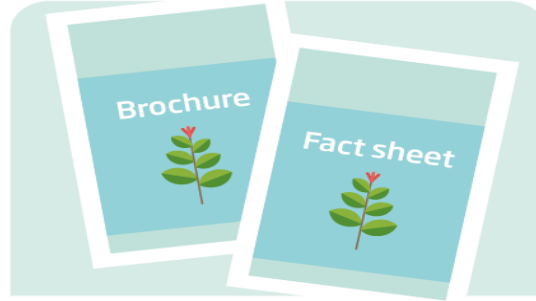


European
Commission

How to build a successful Horizon 2020 multi-actor project? (4/4)



Illustrate how the project **complements existing research and best practices**



Produce practical information which feeds into the most common **existing dissemination channels ...**



... and write easily understandable **practice abstracts in the common EIP format**

Read the brochure!

<https://ec.europa.eu/eip/agriculture/en/publications/eip-agri-brochure-horizon-2020-multi-actor>



Thank you!

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#H2020SC2

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