

SmartAgriHubs

Digital Transformation of Agriculture at a Regional Level

Network Expansion by Open Calls

SmartAgriHubs Open Calls – COVID-19 Initiative

Q&A Session – 19.05.2020 – 11:00-12:00

Disclaimer: The information in this presentation is provided "as is" at the time of preparation. The specific open call announcement documents will specify the details to be taken into account for proposal preparation. Therefore, the terms set out in the Call Open Call documents shall take precedence over those in this presentation. Especially with respect to potential future open calls (i.e. not yet published) the user thereof uses the information at its sole risk and liability.



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2. Current COVID-19 related situation
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Digital Transformation of Agri, Food, Nutrition & Health in 4 areas

3. Public decision-making

Food Safety

Environment

Nutrition

Climate

Health

Food Security

4. Science & Technology

Blockchain Technology



Smart Sensing & monitoring



1. Decision-Making Business/Consumers

Smart Analysis & Planning



Artificial Intelligence

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Linked Data

Big Data Analytics

2. Food Integrity

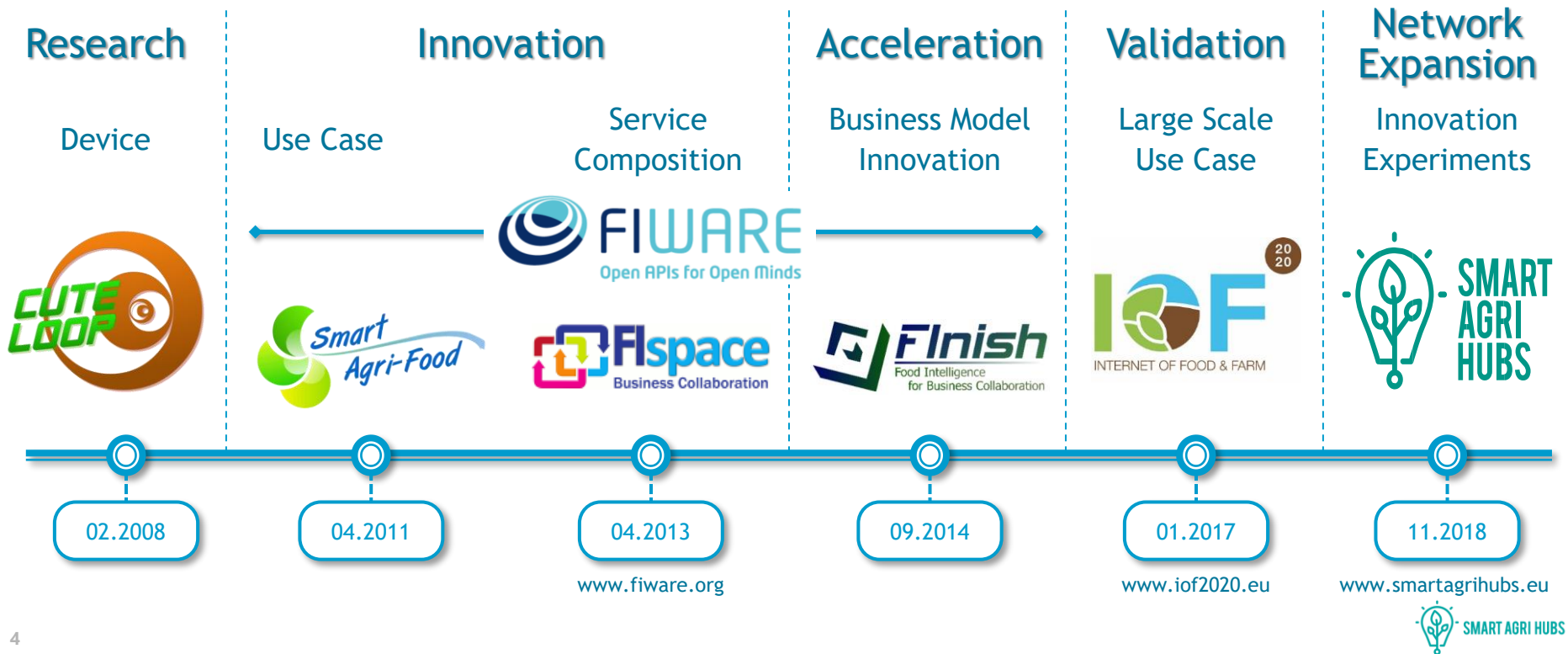
Cloud Computing

Internet of Things



Smart Control

Expansion of Innovation in Agri-Food Based on strategic initiatives - Examples



SmartAgriHubs

What I am talking about

- 48 months project
- Funded by EC
- Partners all over EU
- Network of Networks
- **Key Regional Enabler: Digital Innovation Hubs**



Ecosystem

168 Partners

Involvement covering all EU

68 partners are SMEs

54% of budget allocated to SMEs



Flagship innovation experiments

28 FIEs

22 Countries involved

13 Cross-border collaboration

FIEs (47%)



Impact

30M additional funding

Mobilized from other sources (public, regional, national and private)

80 new digital solutions

Introduced into the market

2M Farms involved in digitisation



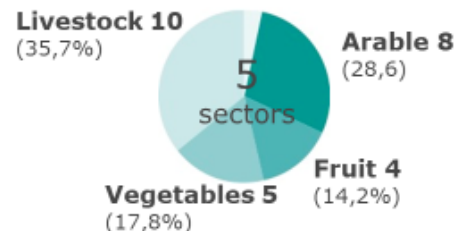
Digital Innovation hubs

140 DIHs in the existing Network covering all **28 Member States**

Regional Approach

9 Regional Clusters

Attract **260 New DIHs**



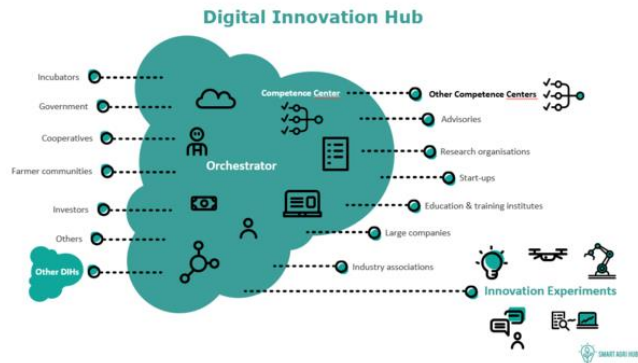
Open Calls

6M Euros distributed through Open Calls

75% Open Call budget to SMEs

70 New Innovation Experiments

Digital Innovation Hubs Innovation Services



Ecosystem

- Community building
- Strategy development
- Ecosystem learning
- Project development
- Lobbying



Technology

- Technical support on scale-up
- Provision of technology infrastructure
- Testing and validation
- Strategic RDI
- Contract research



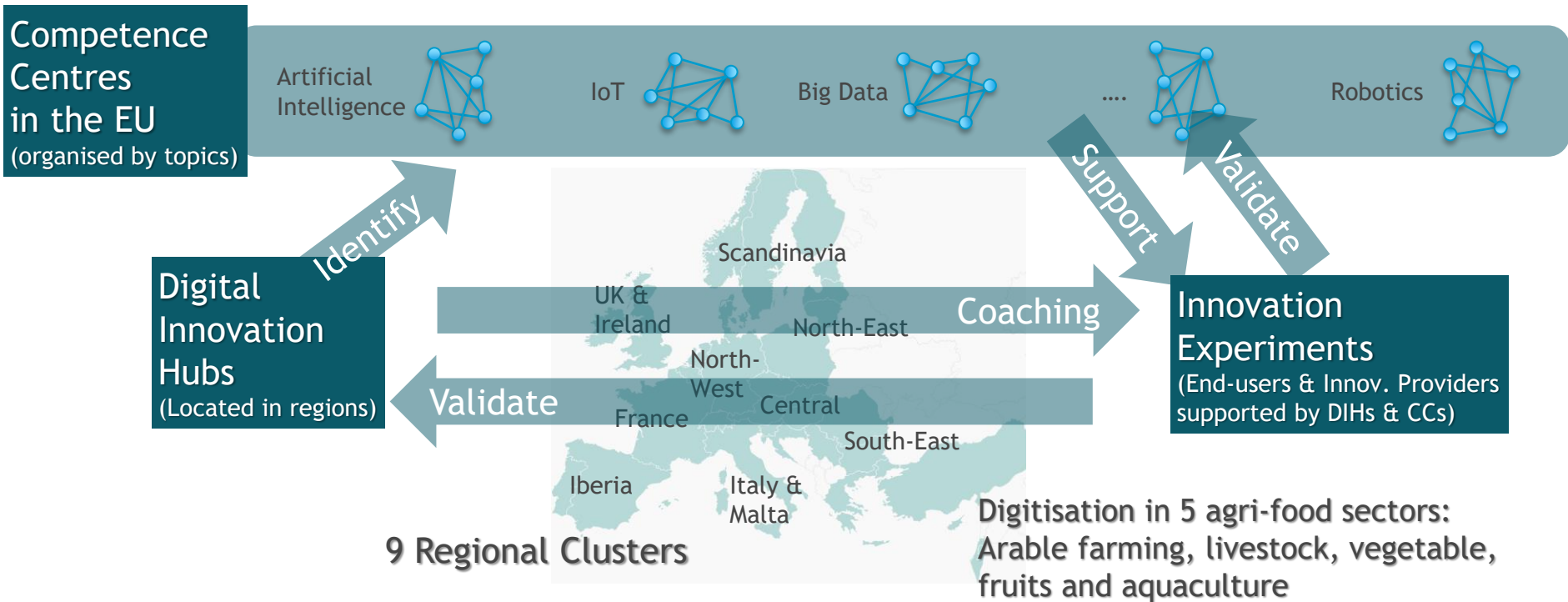
Business

- Incubator/accelerator support
- Access to finance
- Skills and education

General information about DIHs:

<https://s3platform.jrc.ec.europa.eu/digital-innovation-hubs> & <https://www.smartagrihubs.eu/hubs>

SmartAgriHubs core Stakeholders in the Network of Networks



Starting Situation of defining Open Call Characteristics

- Funding mainly targeted at Digital Innovation Hubs
- DIHs to support one or more Innovation Experiments
- Maximum of 20% for DIH service provision and min. 80% for realising the Innovation Experiment
- Max. 20% for DIH service provision can be requested as funding from SmartAgriHubs
- One DIH could ask for max. 100,000 Euro funding in total from SmartAgriHubs in one or also several proposals



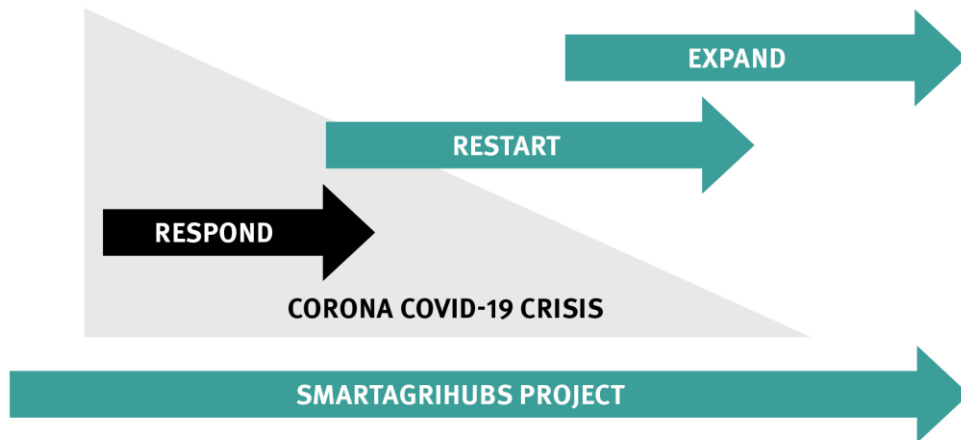
Current Situation / Deviation

- SAH COVID-19 task force established to
 - Aim at the identification of initiatives that are helping to mitigate the crisis
 - Elaborate active measures to mobilise initiatives
 - Prepare the identification of promising ideas that can be implemented, tested and validated in later innovation experiments
- In the scope of the overall SAH open calls it is planned to
 - Use certain budget to support activities to mitigate effects of the crisis
 - Expand the network with DIHs, CCs and IEs later



Basic Idea of SmartAgriHubs Open Calls

1. Direct Response to COVID-19 pandemic
2. Restart the System, taking into account COVID-19 effects
3. Expand the Network



RESPOND Open Calls

1. RESPOND to COVID-19 for DIHs:

- Call for DIHs to realise hackathon type of activities
- Eligible budget of DIHs funded by 100% or 70% w.r.t. organisation type

2. RESPOND → SAH2SMEs:

- Call for SMEs to realise specific solutions addressing COVID-19 related opportunities
- Eligible budget of SMEs funded by 70%

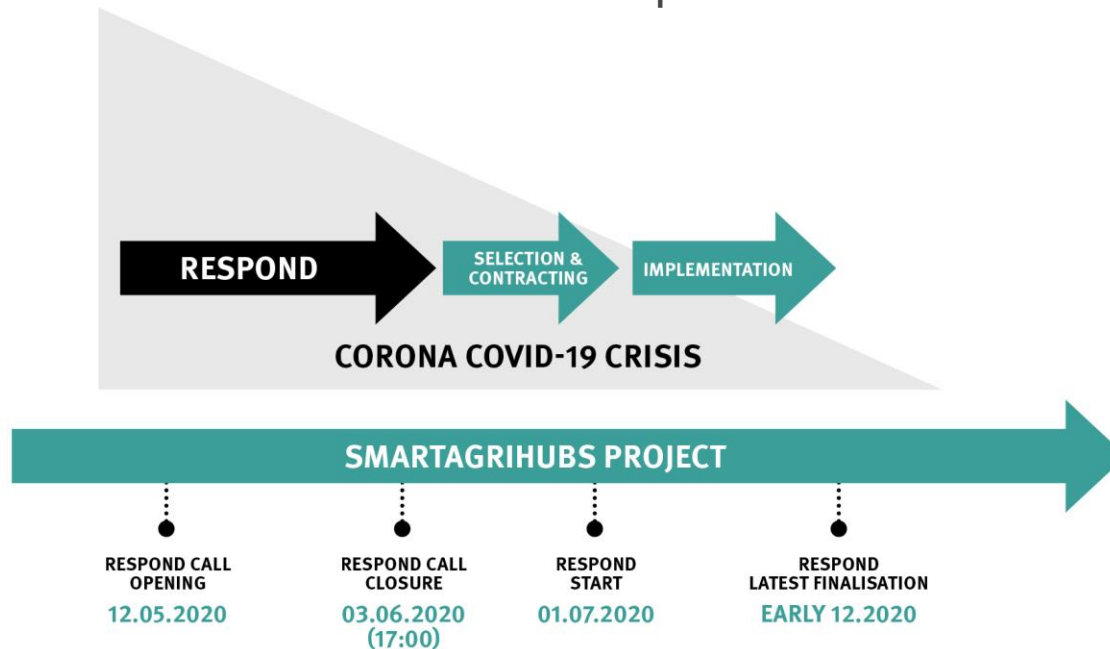


Examples for COVID-19 related topics, helping the agri-food economy

- Mobilising agricultural workforce for harvesting
- Educating individuals from other sectors to support agri-food businesses in the crisis
- Regional matching of offer & demand for fresh produce in decentralised settings
- Making surplus food available, especially to the poor and people in need
- Donating food
- Managing food transport along national and international supply chains to avoid food waste
- Re-routing of transports to avoid food waste
- Identifying anormal situations in food supply/transport as baseline to enable early reactions
- Forecasting of regional food supplies, deviations and/or shortages
- Strategies to apply personal distancing along the supply chain from farm to fork
- Ensuring fresh food safety along supply chain
- Optimising food storage
- Optimising shelf-life of food
- Facilitate access to data and services for an easier digital innovation in the agri-food sectors
- ...

Schedule of the RESPOND Open Call

- Fixed Deadline Call – three weeks open



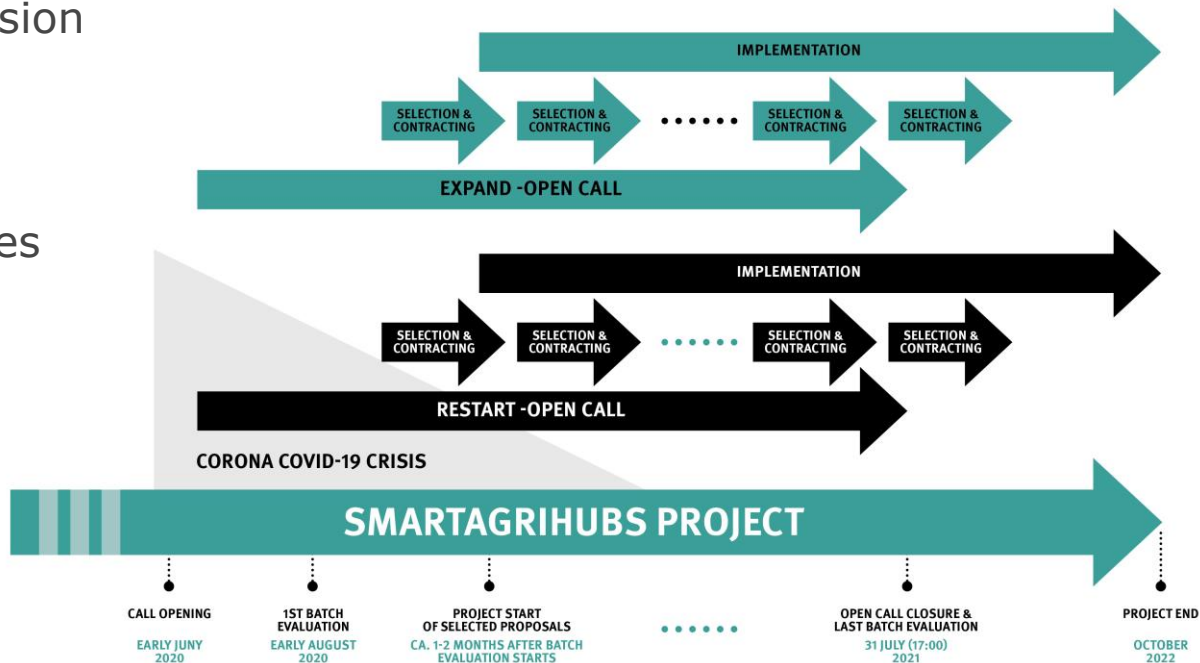
Planned RESTART & EXPAND Open Calls

- RESTART the System
 - Call for DIHs to realise hackathon type of activities
 - Eligible budget of DIHs funded by max. 100% or 70%, w.r.t. organisation type
 - Max. 20% of total budget of activities will be funded
- EXPAND the Network
 - Call for DIHs to support realisation of IEs
 - DIHs already SAH beneficiaries can support proposed projects, with max. 10% of funding requested in the proposal.
 - If external DIH “acquired” IE, max. of 5% of SAH funding can be provided for the realization of the IE.
 - Max. 20% of total budget of activities will be funded



Current Plan to schedule RESTART & EXPAND

- Continuous Submission
- RESTART shall address direct & indirect opportunities
- 20/80 rule for additional funds



Questions

Links to resources in the SmartAgriHubs Website:

- Short outline of the latest open calls:
<https://www.smartagrihubs.eu/latest-news/Open-Call-RESPOND>
- Open Call Website with download of open call documents:
<https://www.smartagrihubs.eu/portal/open-call>
- Questions and Answers in the SAH innovation forum:
<https://forum.smartagrihubs.eu/c/open-call>
- Announcement of Webinars and online events:
<https://www.smartagrihubs.eu/portal/trainings>





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