UPGRADING EU AGRIFOOD INDUSTRY TO THE DIGITAL AGE: SMART SENSOR SYSTEMS FOR THE AGRIFOOD INDUSTRY
SOME FACTS

Agri-food
- Traditional sector + trends towards artisanal, local
- SME-driven
- Economical important sector in EU...

The world is changing ... opportunities ...

Let's interconnect and integrate our chain!
TRANSITION IS NECESSARY BECAUSE . . .

We live in an interconnected world

Industry 4.0: Smart, interconnected and resilient agri-food system
OUR AMBITIOUS GOAL

Prepare all the food companies to make the leap towards industry 4.0:

- Introduce new technologies and inspire and enable the companies to use these
- Connect to the cloud
- Use the available data in the agri-food system

...and in the end ...

Become a more interconnected, resilient and smart agri-food system in Europe
SETTling UP PARTNERSHIP

Connect via clusters and RTOs
INVOLVED CLUSTERS/REGIONS AT THIS POINT
**HOW?: ROLL OUT STEPWISE APPROACH THE FUNNEL!**

**5 steps to success**

1. **Awareness**
   - Existing and new industry 4.0 relevant technologies.
   - TRL 5 - 9 → Implementation oriented and demand driven

2. **Platform:**
   - Community creation
   - Create trust zone

3. **Validation track:**
   - Define
   - Test / validate
   - Collective, applied research → on site validation of technology

4. **Implementation**
   - New (commercial) collaborations - spin-offs
   - Bilateral projects (implementation oriented)
   - New research topics

5. **Leverage**
   - Living labs + testimonials

**Missing partners**
→ Build **resilient** and **interconnected** agri-food system
PARALLEL BRAINSTORM SESSIONS
4 DIFFERENT TOPICS

- **Group 1A and 1B**: Valorisation and implementation strategy

- **Group 2A and 2B**: EU funding programmes: opportunities and needs

- **Group 3A and 3B**: Regional strategies and role of living labs

- **Group 4A and 4B**: Good practices and bottle necks: case studies
DON’T FORGET!

- Please don’t forget to hand in your Feedback form

- If you want to stay informed please leave your Business card
PARALLEL BRAINSTORM SESSIONS
Valorisation and implementation strategy

The funnel really reflects the power of collaboration in the innovation process.
EU funding programmes: opportunities and needs

Relevant EU programme for partnership: COSME, interreg Europe, Era-Net cofund, prima (last stage)

Gaps in EU programmes: more funding schemes that combine regional/national funds with EU ones
Regional strategies and role of living labs

Living labs are an important tool to stimulate digitization of food business
But it is only one piece in the puzzle.
It must be embedded in a full service package
CLOSING SUMMARY

Good practices and bottle necks: case studies

Integrators, technology developers and end users should collaborate from an early stage on to ensure successful uptake of innovative technological solutions.

Consider new business models: technology as a service as opposed to large investments.

Data connectivity to connect all sensor systems.
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THANK YOU!
MORE INFO?  STAY IN TOUCH?
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