

IOF2020 - STATE OF AFFAIRS

Highlights, achievements, sustainability, scale-up etc.

GEORGE BEERS

*Workshop European Industry Partnership
Amsterdam, April 17 2019*



PROJECT OBJECTIVES

IoF2020 fosters a **large-scale uptake of IoT** in the European farming and food sector. In brief, it aims to:

1. Demonstrate the **business case of IoT** for a large number of application areas in farming and food sector;
2. **Integrate** and reuse available **IoT technologies** by exploiting open infrastructures and standards;
3. Ensure **user acceptability of IoT** solutions in farming and food sector by addressing user needs, including security, privacy and trust issues;
4. Ensure the **sustainability of IoT** solutions beyond the project by validating the related **business models** and setting up an **IoT ecosystem** for large scale uptake.



IOF2020 IN BRIEF



**116 PARTNERS
ORGANISATIONS**



**28
COUNTRIES**



4 YEARS
Start = January
2017



**€35 MILLION
BUDGET**
(€30 million co-funded
under EU H2020
programme)

5 TRIALS, 33 USE CASES



ARABLE



FRUITS



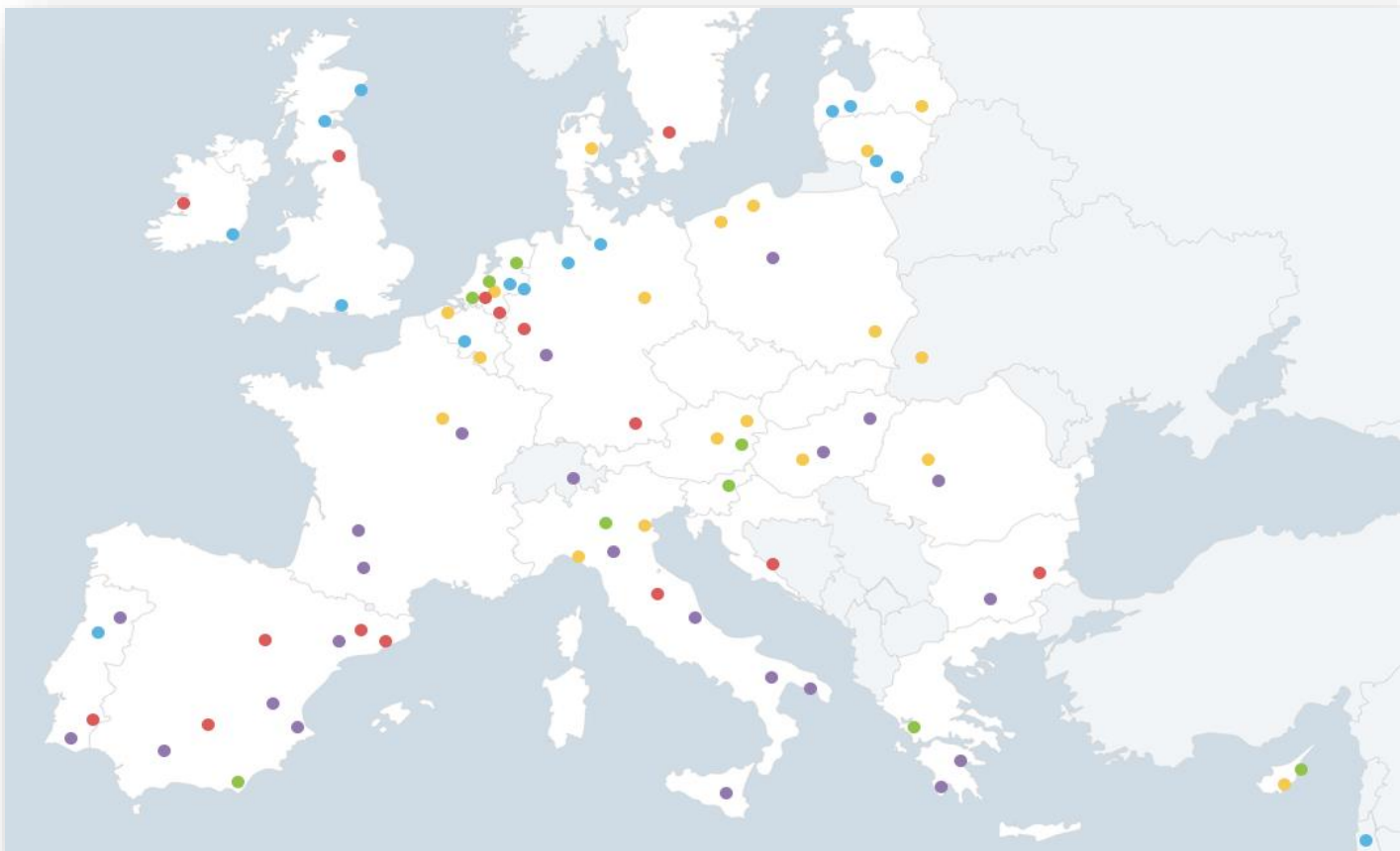
DAIRY



VEGETABLES

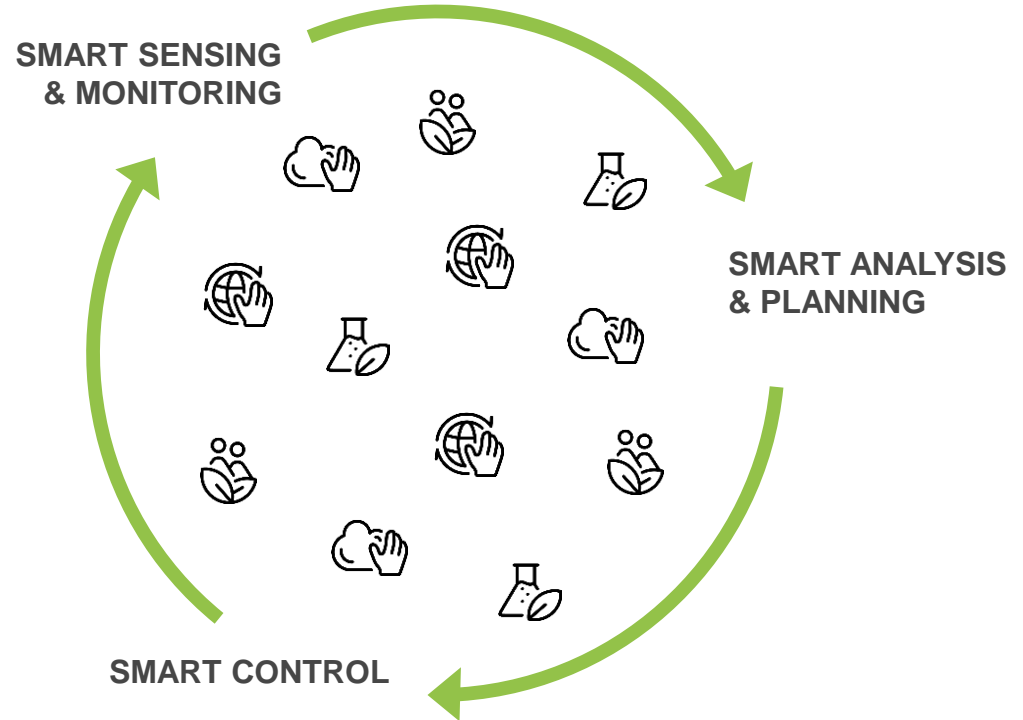
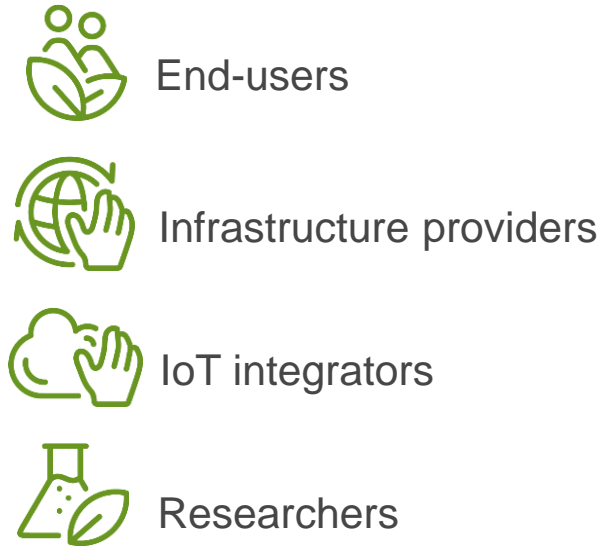


MEAT

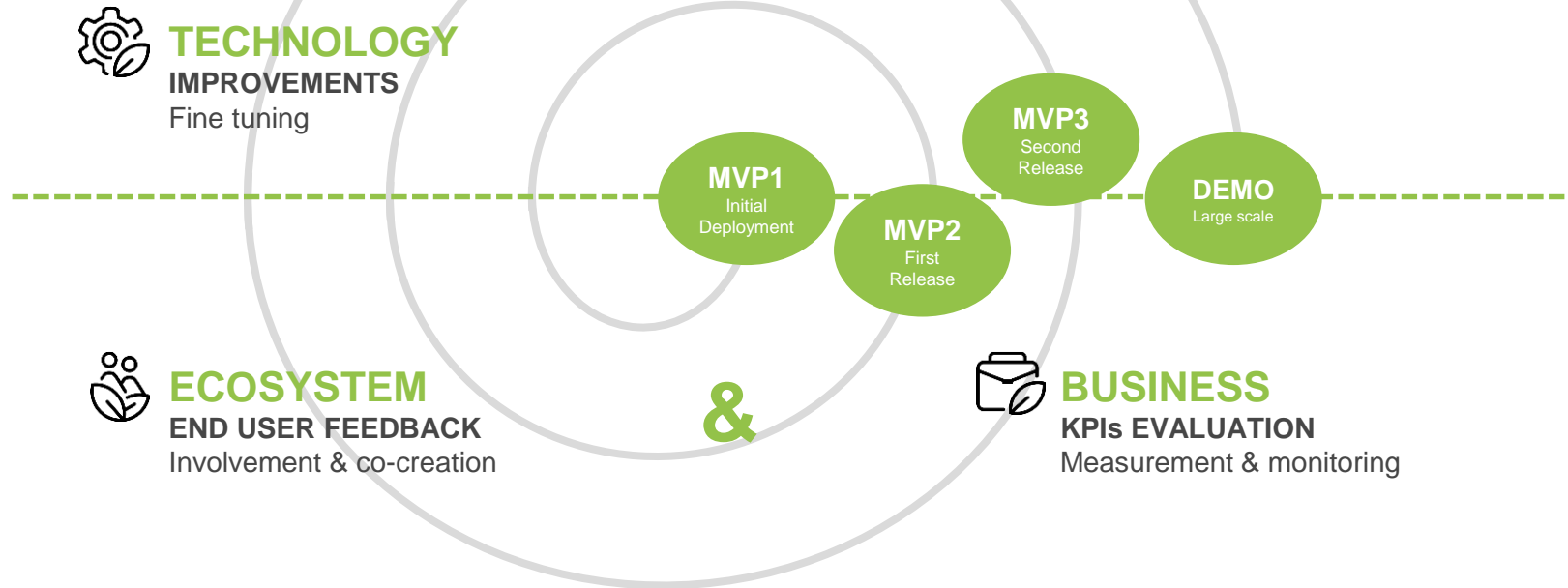


TRIALS & USE CASES

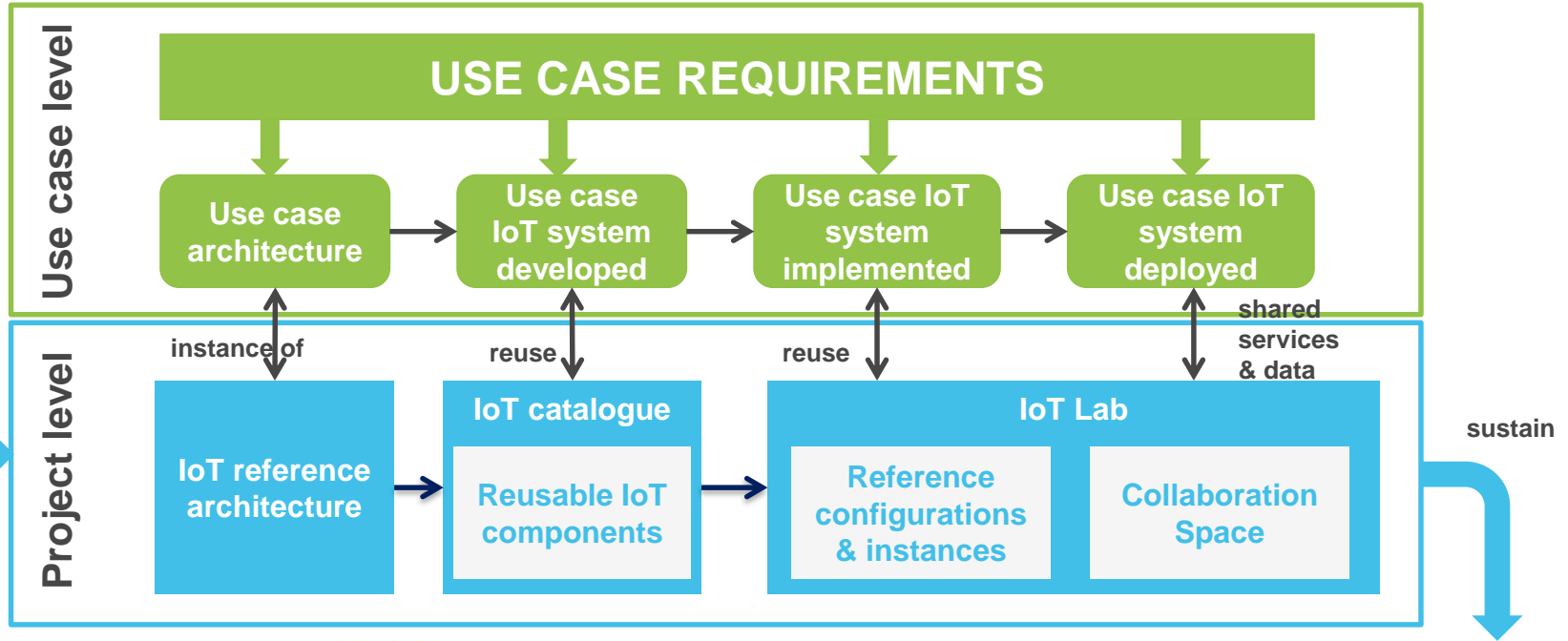
A MULTI-ACTOR APPROACH



TRIAL & USES CASES METHODOLOGY LEAN APPROACH



TECHNICAL / ARCHITECTURAL APPROACH



PROGRES

- Highlights:
 - Launch of Catalogue Re-usable components
 - 2 start-up partners successful
 - Cooperation machine builders
- Achievements:
 - 17 Use cases in MVP2+
 - Lively Annual Partner Events → cooperation between UCs
 - Open Call 14 new Use cases
 - Reputation in the AgriFood domain

STANDARDIZATION

- Horizontal & Vertical Agri-Chain integration
 - Diverse groups of stakeholders
 - Usually not 1 dominant player
 - Heterogeneous system, with diverse field of interest
- Smart Farm Management Systems: open approach
 - Fiware roots
 - Common information models easing interoperability
 - Data publication and marketplace platforms based on open standards
- Mapping of RAMI4.0 to the functional view of the IoT Architecture Reference Model

SUSTAINABILITY

- Focus in time:
 - Year 1 Focus on Technology
 - Year 2 Focus on Business
 - Year 3 Focus on Demonstration – convincing stakeholders
 - Year 4 Focus on Sustainability
- SmartAgriHubs
 - Dissemination and regional outreach
 - Re-usable services (IoF-WPs → SAH DIHs)

GAPS

- Demonstration skills
- Data Market Places
- Broadband coverage in Rural Area

STAY-TUNED VIA

- Website: www.iof2020.eu
- Twitter: [@loF2020](https://twitter.com/loF2020) 
- Facebook: [loF2020](https://www.facebook.com/loF2020) 
- LinkedIn: [loF2020](https://www.linkedin.com/company/loF2020) 
- Newsletter subscription & contact: communications@iof2020.eu

