

IOF2020

Accelerate innovation and Internet of Things for agriculture and food

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AGENDA



Project objectives



Methodology



Dairy and Meat trial use cases

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



**106 PARTNERS
ORGANISATIONS**



**22
COUNTRIES**



4 YEARS
Start = January
2017



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

AMBITION & VISION

IoF2020 will pave the way for:

Data-
driven
Farming

Autonomous
Farm
Operations

Virtual Food
Chains

Personalised
Nutrition for
European
citizens

Large-scale
Expansion

5 TRIALS, 33 USE CASES



ARABLE



FRUITS



DAIRY



VEGETABLES

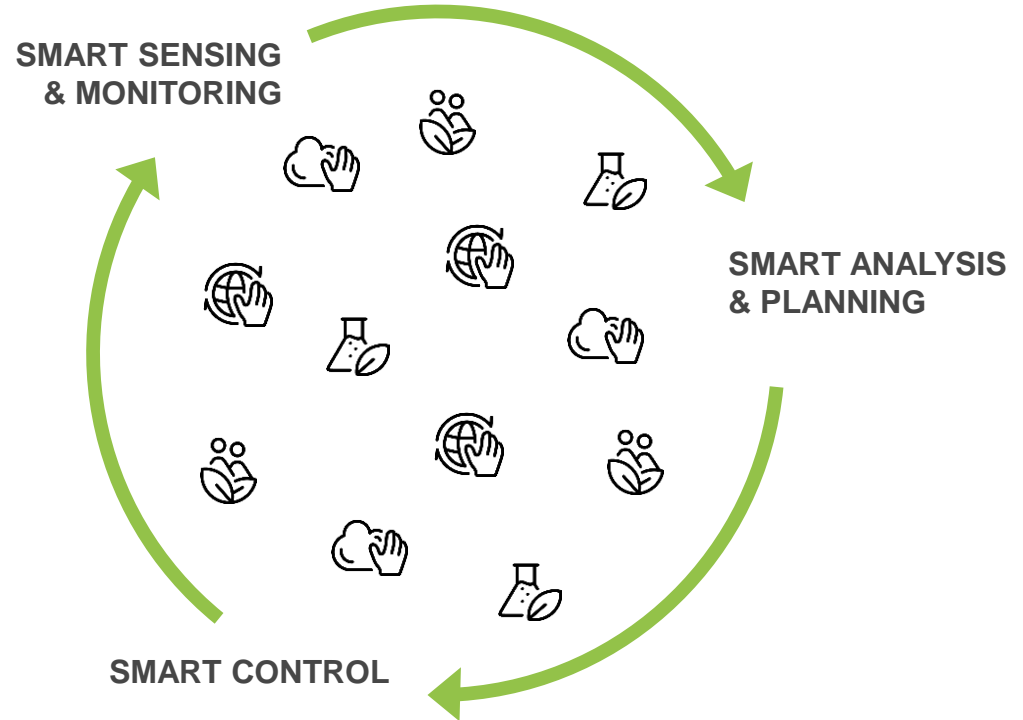
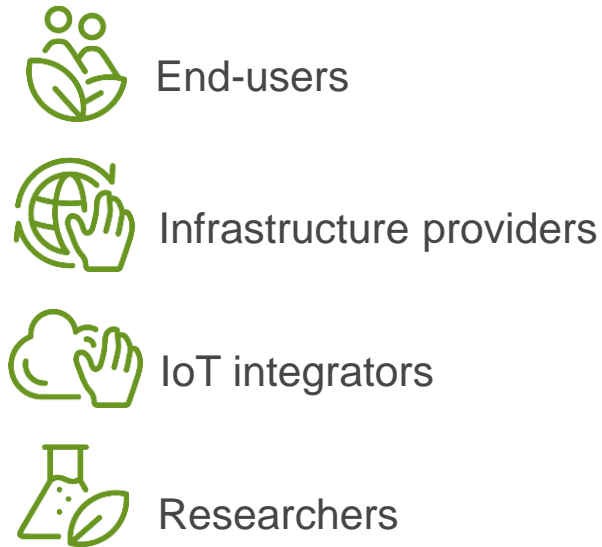


MEAT

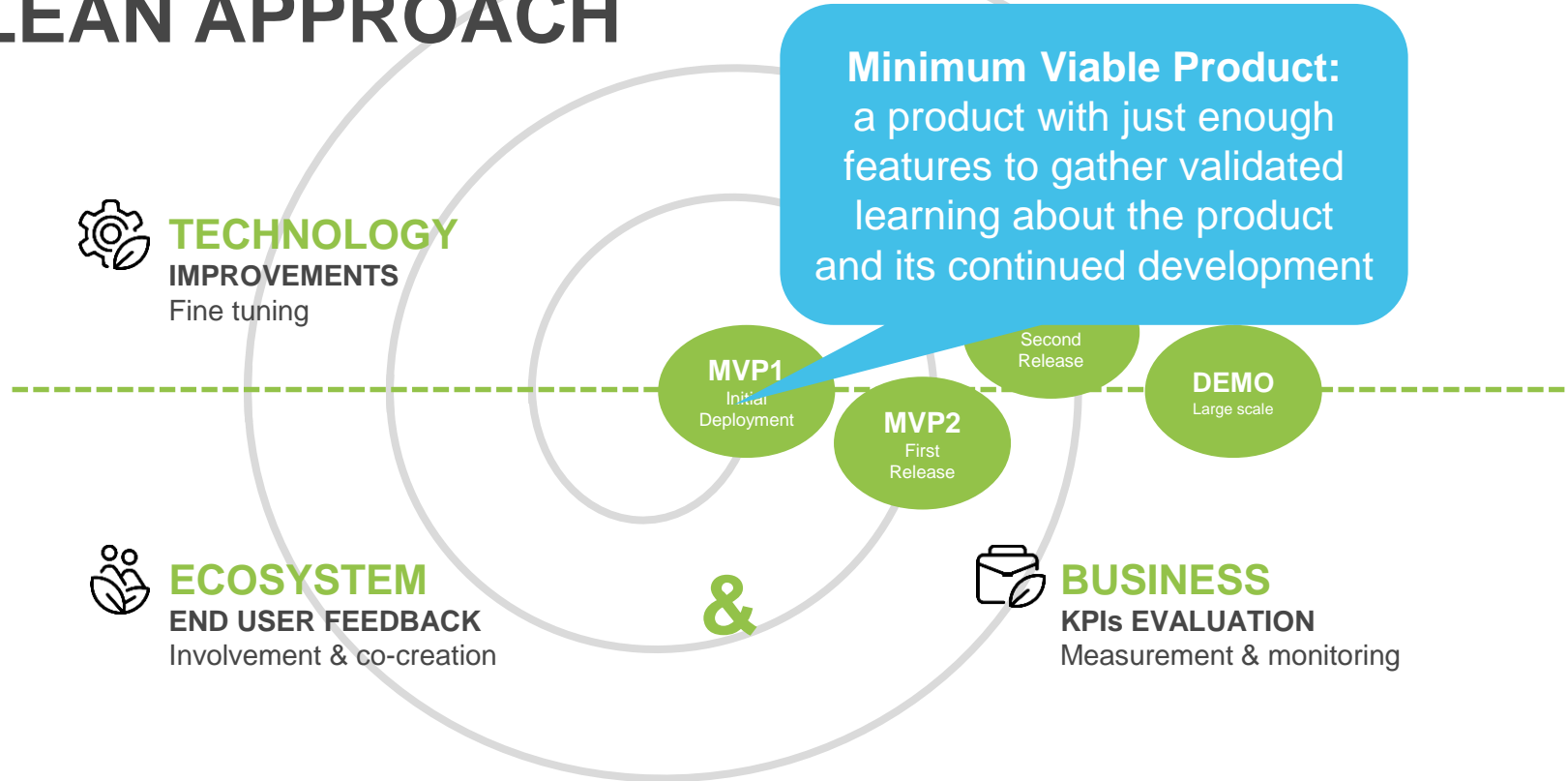


TRIALS & USE CASES

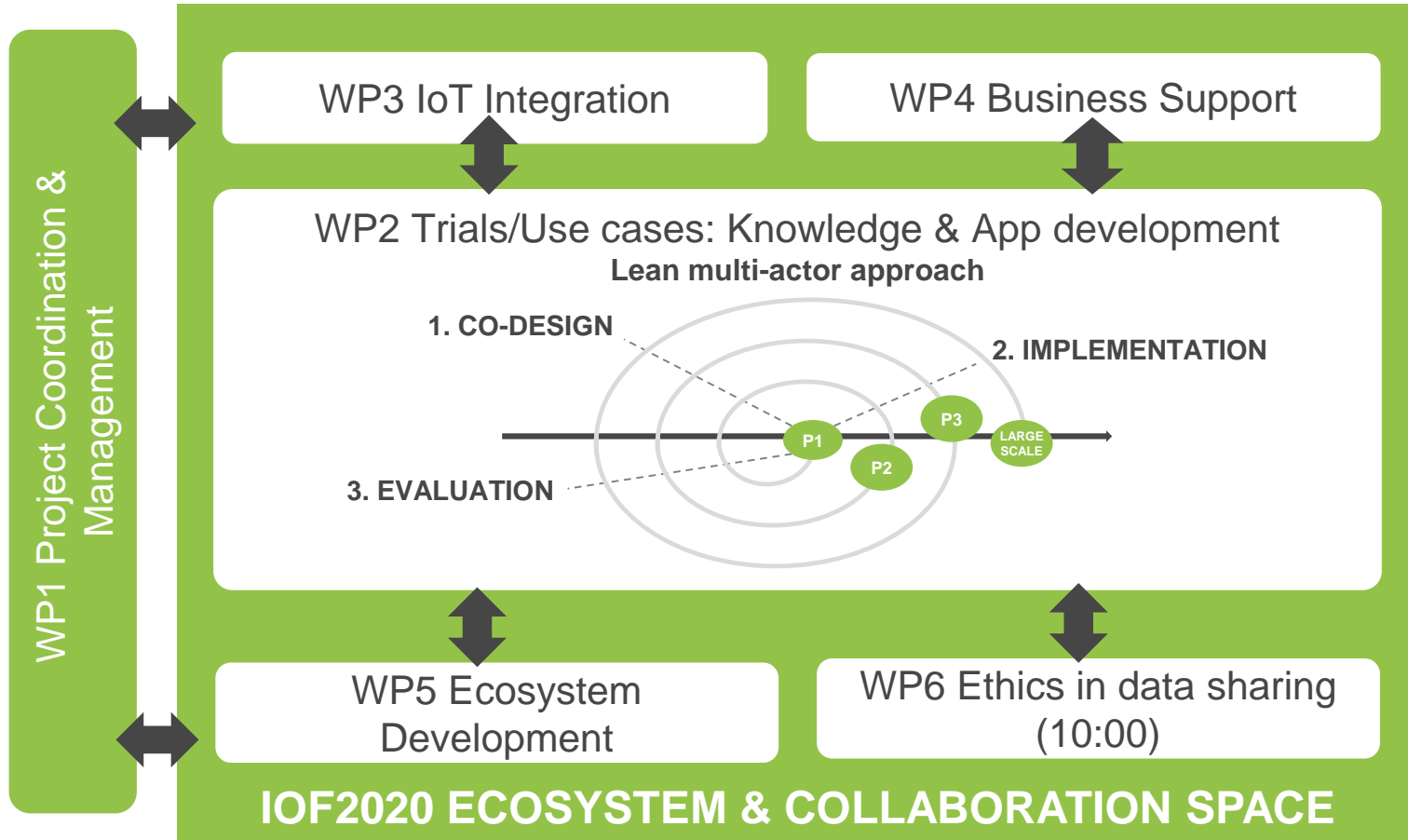
A MULTI-ACTOR APPROACH



TRIAL & USES CASES METHODOLOGY LEAN APPROACH



GENERIC APPROACH & STRUCTURE





DAIRY TRIAL: 4 USE CASES



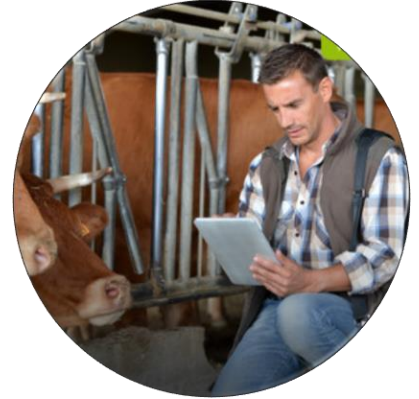
**Grazing cow
monitor
(8:45)**



Happy cow



**Herdsman+
(9:00 &
tomorrow S55
9:00)**



**Remote milk
quality**



DAIRY TRIAL: + 3 USE CASES



Lameness
detection through
machine learning
(9:00 & tomorrow
S55 9:00)



Precision
mineral
supplementation



Multi-sensor
cow
monitoring



MEAT TRIAL: 3 USE CASES



**Pig Farm
Management
(9:30 & 9:45)**



**Poultry Chain
management**



**Meat
Transparency
and Traceability**



MEAT TRIAL: + 3 USE CASES



Optimising
beef supply
chain
(9:15)



Feed supply
chain
management



Pig health
tracking
(poster)

SESSION PROGRAM

8:30 IoF2020 introduction

8:45-10:00 IoF2020 use cases dairy, beef, pigs

10:00 IoF2020 WP6 results ethics in data sharing

10:15 coffee break

10:45 NEFERTITI project

11:00 SmartAgriHubs project

11:30 Datahub for agrifood project

11:45 Challenges in the field

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



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