



**EU funded projects of the European
Agricultural Machinery Industry Ass.
(CEMA aisbl)**

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**Collaborative Workshop of ERA-Net ICT-AGRI FOOD,
CAPIGI foundation, and the MANUFUTURE Sub-ETP
Agricultural Engineering & Technologies AET**

Hanover, 10 November 2023

We are CEMA



Higher productivity



Economic benefits



Greater sustainability and environmental protection

Comite European des groupements de constructeurs du Machinisme Agricole



METALTECHNOLOGY AUSTRIA

.AGORIA



Danish Agro Industry
Member of Danish Agriculture & Food Council



Our priorities



Agriculture 4.0



Benefits of Smart Farm Machines



Better EU Regulation



Innovation



International



Trade & Investment

Research & Development & Innovation

Innovation uptake in the agri-food sector remains a priority on the European agenda

Our R&D&I interests

- ✓ **Precision Farming:** smartAKIS;
- ✓ **Resource efficiency:** AgroCycle;
- ✓ **Alternative energies:** AgroFossilFree;
- ✓ **Digitalization:** AgriDataSpace, SAH;
- ✓ **Ag robotics:** agROBOfood;
- ✓ **Demo Farms:** NEFERTITI;
- ✓ **Innovative equipment:** INNOSETA...

Ongoing projects:



agRO
BO
food

AGRI 
DATASPACE


QuantiFarm

Past projects:



...with the support of industry experts

Assessing the impact of digital technology solutions in agriculture in real-life conditions



Project Information

QuantiFarm

Grant agreement ID: 101059700

DOI

[10.3030/101059700](https://doi.org/10.3030/101059700)

Start date

1 July 2022

End date

31 December 2025

Funded under

Food, Bioeconomy Natural Resources, Agriculture and Environment

Total cost

€ 7 397 382,50

EU contribution

€ 7 397 382,50



Coordinated by

GAIA EPICHEIREIN ANONYMI ETAIREIA PSIFIAKON
YPIRESION

Greece



Funded by the
European Union

Why QuantiFarm, why now?



Focus on small-scale
commercial farms



Systematic pan-
European coverage
of digital solutions



Tools BY farmers &
advisors FOR
farmers & advisors



Design, monitoring &
evaluation of policy
measures



30

30 Test cases to assess
costs, benefits, and
sustainability gains in 7
agricultural sectors



100

100 New digital solutions
available through the
QuantiFarm toolkit



4,000

4,000 Farmers with access
to the innovative advisory
services

**Digital solutions can be
a powerful way to
accelerate agricultural
transformation if they
are designed to
directly support
sustainability impacts.**



Business-Oriented Support to the European Robotics and Agri-food Sector, towards a network of Digital Innovation Hubs in Robotics



Project Information

agROBOfood

Grant agreement ID: 825395



DOI

[10.3030/825395](https://doi.org/10.3030/825395)

Closed project

Start date

1 June 2019

End date

31 May 2023

Funded under

INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies - Information and Communication Technologies (ICT)

Total cost

€ 16 658 044,74



EU contribution

€ 15 999 768,00

Coordinated by

STICHTING WAGENINGEN RESEARCH



Netherlands



Funded by the European Union

Establishing & Growing the Ecosystem

37

Partners

223

DIHs & SME

27

Innovation Experiments

8

Millions in funding

Creating Innovation via our Experiments

Sustainability of the network Open for new service providers

Ecosystem Support

Service Box offered to Digital Innovation Hubs

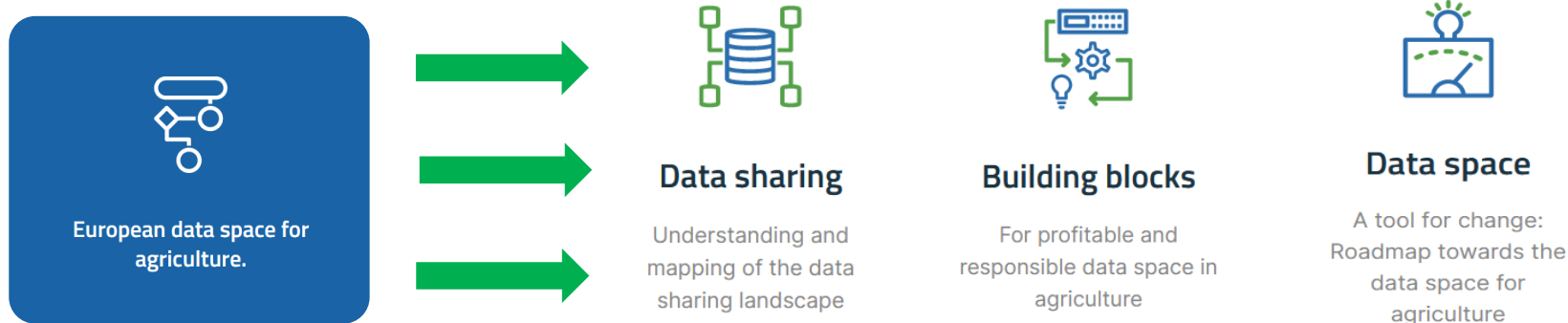
Digital Agronomy

Guide and support farmers to use robotic solutions

Scale Up Services

DIHs help SMEs achieve business growth

Building a European framework for the secure and trusted data space for agriculture



Objectives and Outcomes

1 Map the current landscape, including experience with the European Code of Conduct (CoC)

2 Analyse and assess current governance models

3 Analyse and assess current business models

4 Explore the evolving legislative framework and derive its implications for the design approaches of the data space

5 A conceptual reference architecture for a common data space framework and a reference technology canvas for navigating through heterogeneous repositories ensuring backward compatibility

6 Engage stakeholders in various activities for evaluation and validation to reach broad consensus

7 Develop a roadmap that compiles all requirements and needed actions into a pathway towards implementation of the EU data space for agriculture

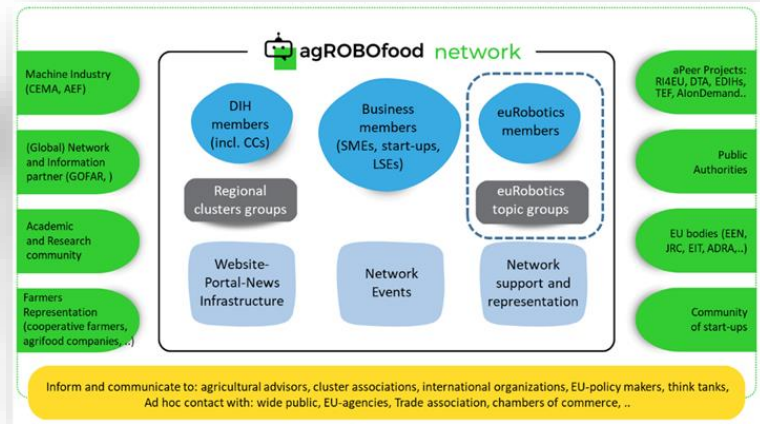
Keep the legacy of finished projects alive



Thessaloniki, 3-4 October 2023

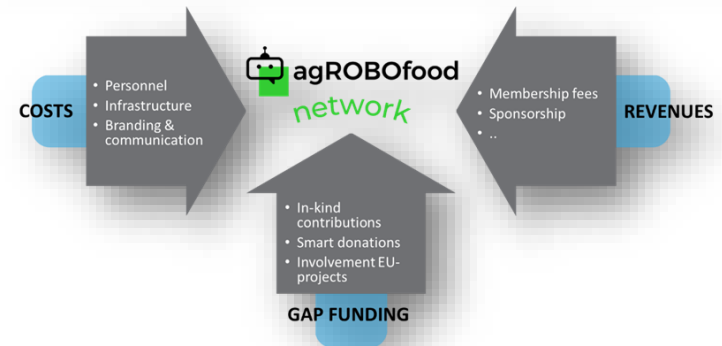
Synergy days

BY SMARTAGRIHUBS



Thank you & see you soon!

Synergy Days 2024
Barcelona



Next steps



Open and keen for new cooperation and collaboration



- ✓ **Technical aspects:** Standardization, Assessment framework
- ✓ **Policy aspects:** Challenges, Recommendations and Impact
- ✓ **D&C&Exploitation:** 10 Members; 7000 Companies, Industry experts
- ✓ **Stakeholders engagement:** Industry, EC, Associations, NGOs...

Thank you!

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