



TECHNISCHE HOCHSCHULE  
OSTWESTFALEN-LIPPE  
UNIVERSITY OF  
APPLIED SCIENCES  
AND ARTS



# Future Food Factory OWL and SIXFOLD

Living Labs in the European network

February 20, 2026 Sebastian Wittland

# What is the Future Food Factory OWL?

The Future Food Factory OWL is a premier living lab for digitalized food production and sustainable food innovations.

## Real-Time Quality Control



Real-time recognition  
Cyberphysical systems  
Assistance systems

## Refinery for Food Systems



Holistic utilization  
Process optimization  
Sector coupling  
Re- and upcycling

## Food Data Processing and Automation



Computer intelligence  
Sensor integration  
Data analytics and security  
Decentralization

## Food Innovations



Nutritive valorization  
Clean Labelling  
Plant-based Alternatives  
Novel and Future Food

## Equipment

- Technical center with a wide range of machines and equipment
- Integrated analytical laboratory with high-resolution time-of-flight mass spectrometer
- Sensory room with separate preparation room for human-sensory analysis of samples
- Separate project rooms with access to the pilot plant for joint work on projects
- A large start-up area for the development of new ideas and the realization of new companies in the food sector

# What we are looking for?

## New collaborations with ...

- companys
- research institutes
- network partners
- international partners



## New research projects with topics such as ...

- digital transformation
- new innovative foods
- plant-based alternatives
- reduce food waste
- refinery for food systems
- sensory science, consumer research
- new analytical methods
- new process technologies
- smart kitchen, science cooking
- restaurant of the future, takeaway sales

**Networking and events at European and global level.**

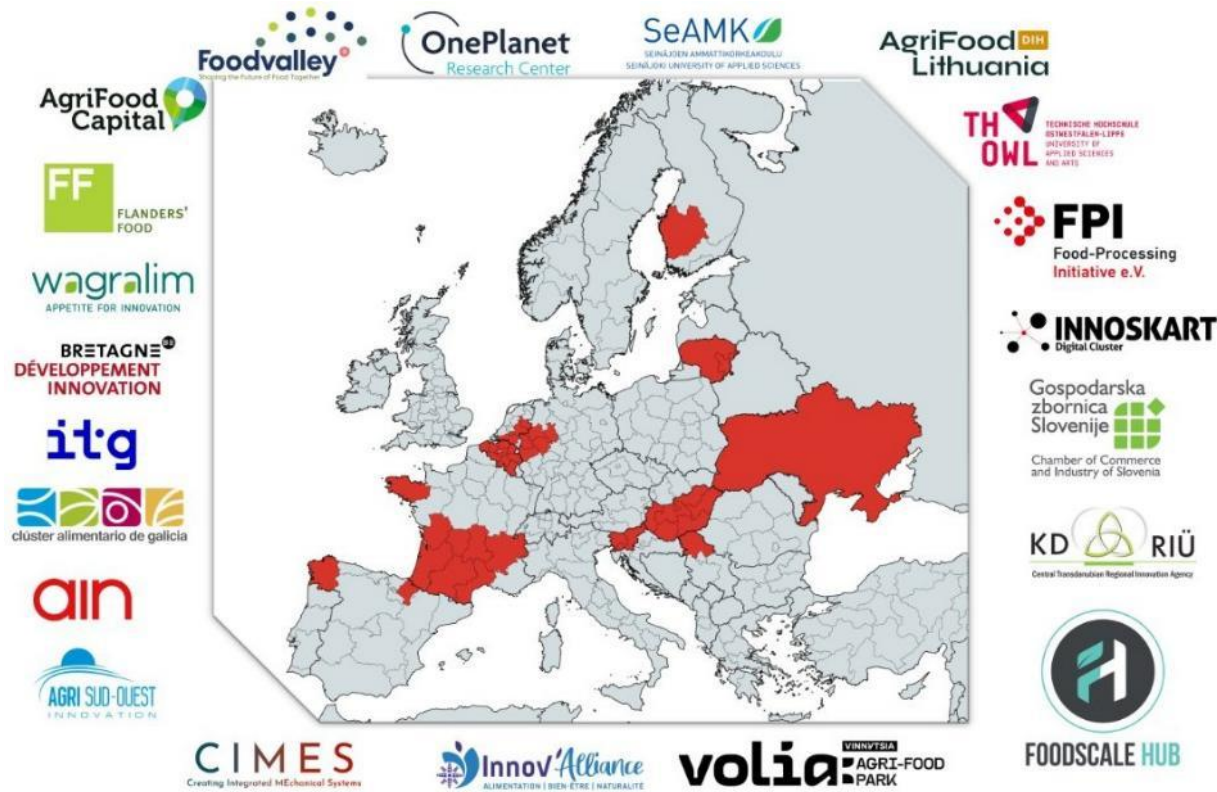
**Start-Ups who want to realize their ideas together with us.**

**Offer training courses, seminars, individual workshops and lectures for companies, politicians and public people.**

**Let us work together to create a sustainable, modern, transparent, innovative food production of the future.**

# Smart Solutions 4 Agri-FOOD (SS4F)

As a core member of the SS4AF partnership, the Future Food Factory OWL connects to a pan-European network of Living Labs, enabling cross-border knowledge transfer and shared access to Industry 5.0 demonstrators.



- 20+ partners in 9 EU countries in 40+ regions , being agrifood and/or technology clusters & RTOs
- 100+ solutions applied at SME level in last 5 years

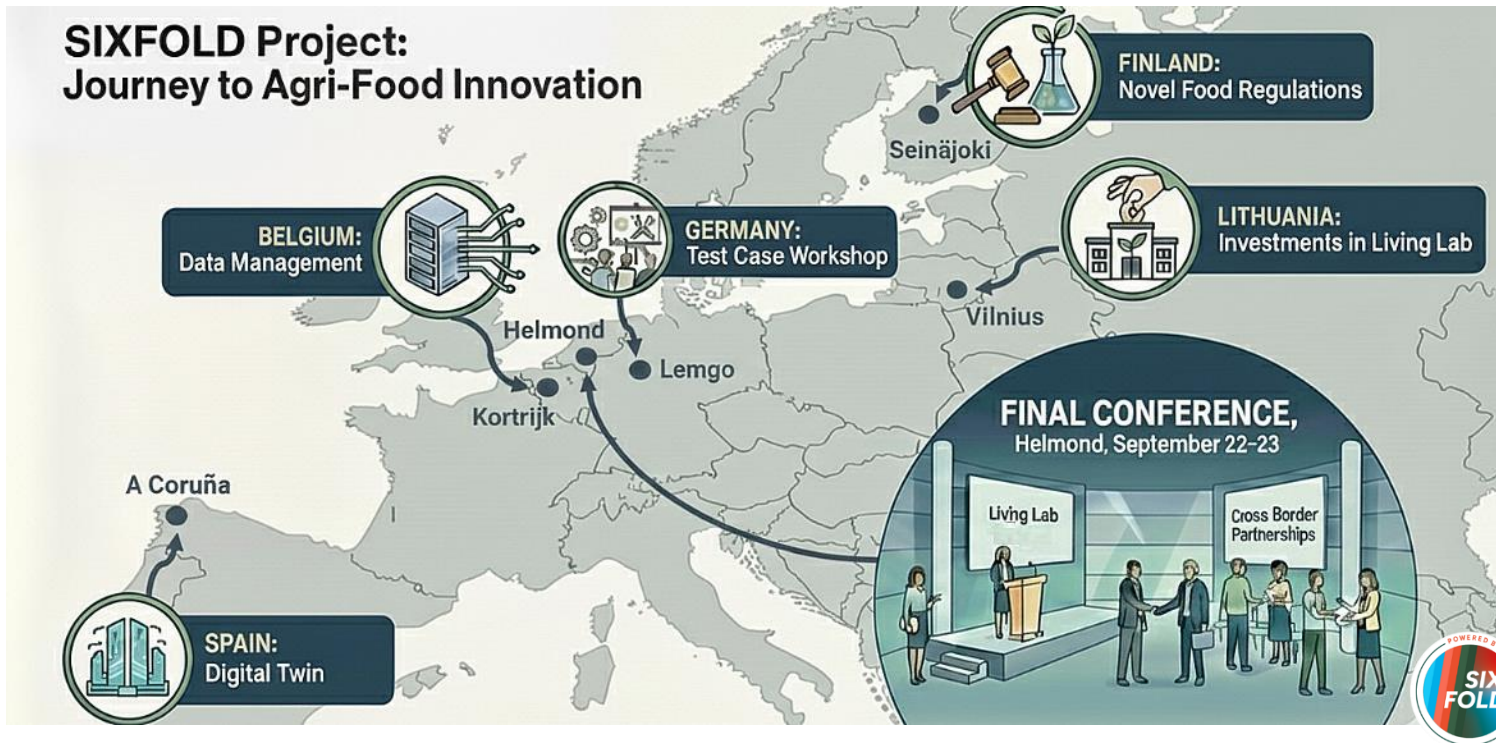
## Project example

- Highfive
- SIXFOLD: Stimulating Innovation eXperiments in Food processing Live Demonstrators

<https://ss4af.com/en>

# SIXFOLD

The SIXFOLD project connects six European innovation ecosystems (Living Labs) in the agricultural and food sector through Living Labs in order to specifically overcome barriers to the implementation of deep-tech solutions through practical knowledge exchange and to promote innovation across borders.



**SEAMK**  
Seinäjoki University of Applied Sciences

**TH OWL**  
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**FF**  
FLANDERS'  
FOOD

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Capital**

**AgriFood  
Lithuania**

<https://ss4af.com/en/sixfold>



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UNIVERSITY OF  
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AND ARTS

Thank you!



**Sebastian Wittland**

Telefon: +49 5261 702 5425  
sebastian.wittland@th-owl.de  
Office Future Food Factory OWL  
<https://www.th-owl.de/futurefoodfactoryowl/>

