

**R S A F G**

Research Studios Austria  
Forschungsgesellschaft

Research Studio

# **SMART DIGITAL INDUSTRIES AND SERVICES**

Dr. Stefan Gindl  
Dr. Tristan Miller

# About Research Studios Austria FG



## VISION

*Research that matters*



## MISSION

*Innovation and Scientific  
Transfer from Universities into  
the Markets*



## STRATEGY

*As a 100% expert organization,  
successfully map, manage & lead  
all activities in projects to useful  
results for users.*



## LOCATIONS

*Salzburg, Linz, St. Pölten,  
Vienna*



## RESEARCH STUDIOS

*6 Research Studios*



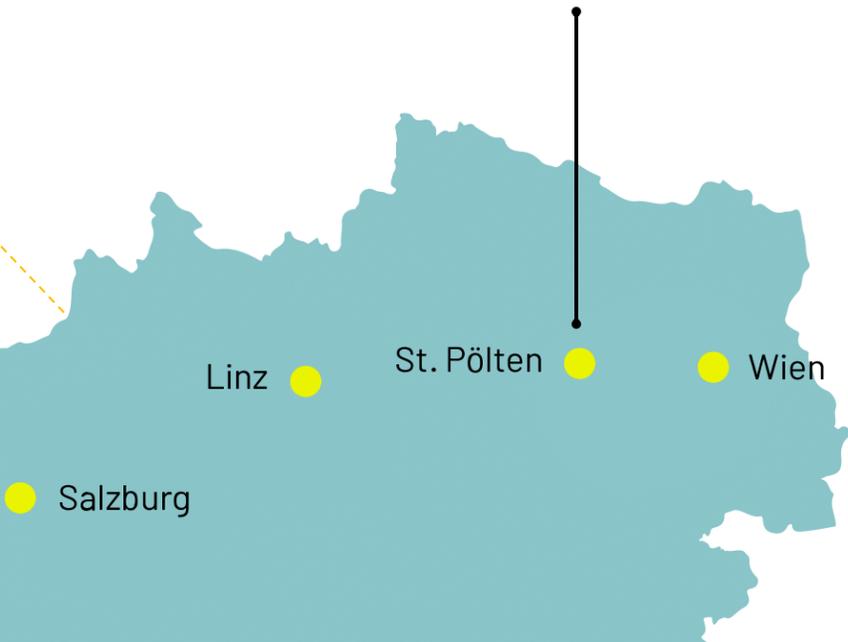
## TEAM

*57 researchers & managers*

# About SDIS

*The studio, based in Lower Austria, is engaged in the **development of digital technologies and innovations** to optimize **industrial production and services** and make them more **sustainable**.*

Research Studio  
SMART DIGITAL  
INDUSTRIES & SERVICES  
St. Pölten



# Staff



**Prof. Dr. Markus Tauber**  
Scientific Lead  
RSA FG Managing Director



**Dr. Stefan Gindl**  
Operative Lead



**Dr. Tristan Miller**  
Senior Researcher



**Michael Boch MSc**  
Researcher



**Christian Hirsch MSc**  
Researcher



**Rafael Kupsa**  
Junior Researcher

## INDUSTRY 5.0

- Learning algorithms for predicting maintenance requirements
- Optimization of production processes
- Reduce downtime and increase productivity

## INTERNET OF THINGS

- The networking of machines and devices makes it possible to collect and use data in real time
- The data is used to optimize processes and improve efficiency

## EDGE-TECHNOLOGY

- Processing and analysis of data directly at the source
- Latency is reduced and efficiency is increased
  - Edge computing to analyze data in real time: faster decisions can be made and productivity increased



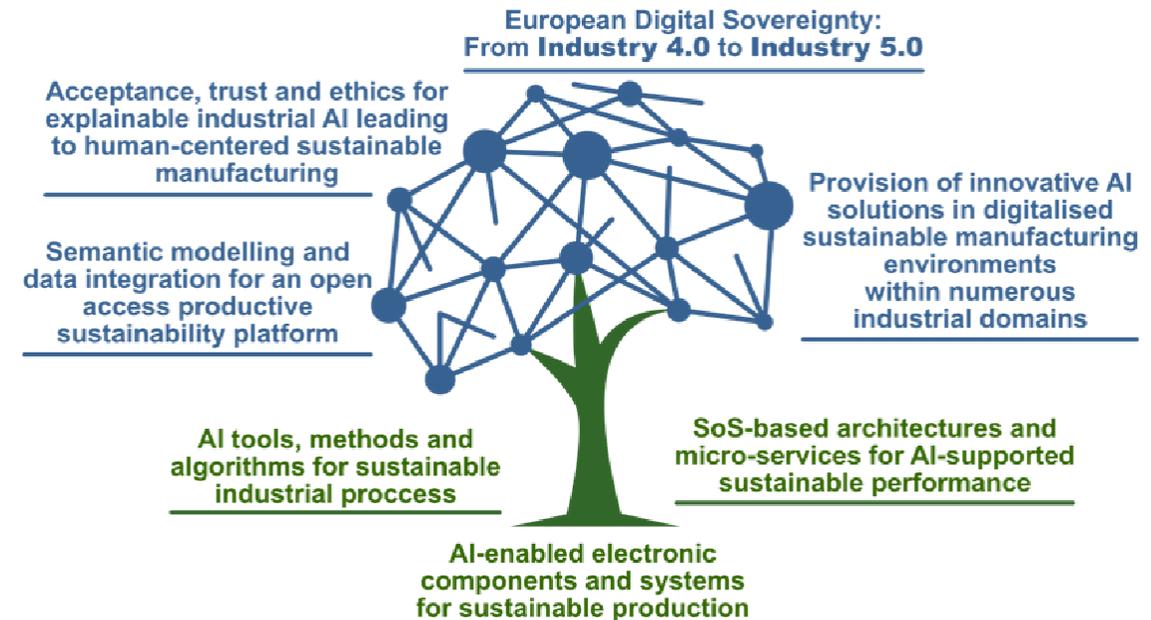
**Dates:**  
05/2023 – 12/2026

**Coordinator:** Infineon Technologies

**Partners:**  
53 partners (AIT, TTTech, BMW, NXP, Philips, ...)

# AIMS5.0 – Artificial Intelligence in Manufacturing leading to Sustainability and Industry5.0

HORIZON-KDT-JU-2021-1-IA



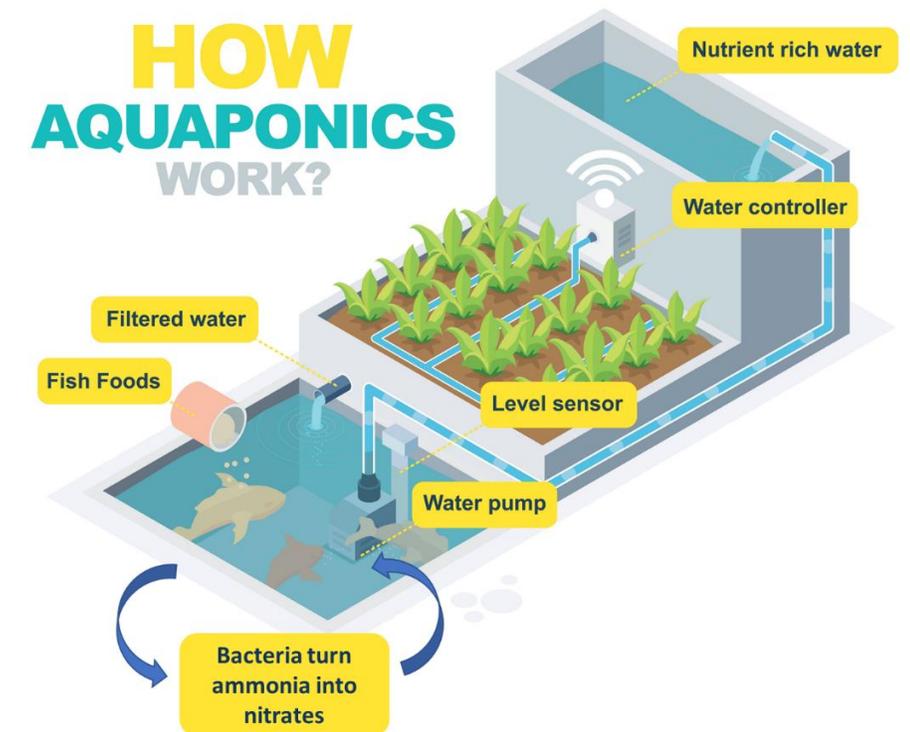


# EdeN – Efficient decentralized sustainable food production

**Dates:**  
04/2023 – 3/2025

**Coordinator:** FH-Prof. Dr. Thomas Felberbauer (FH St. Pölten)

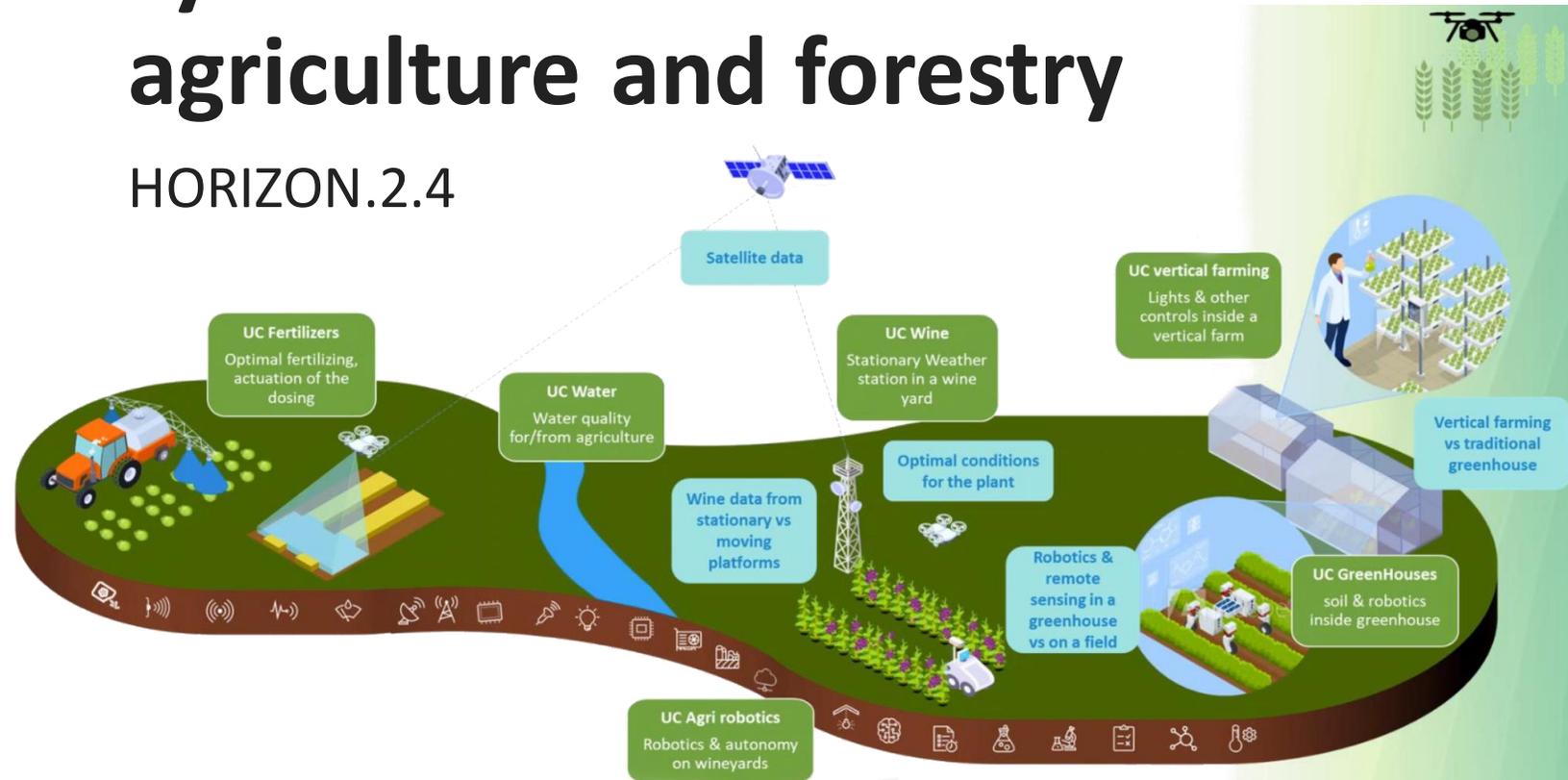
**Partners:**  
FH St. Pölten, Andersfarm, AIT, Beia





# AGRARSENSE – Smart, digitized components and systems for data-driven agriculture and forestry

HORIZON.2.4



**Dates:**  
01/2023 – 12/2025

**Coordinator:** Komatsu Forest Sweden

**Partners:**  
52 partners from 15 countries of the European Union



# Innovative and safe automation solutions for drones

ECSEL JU project

**Dates:**  
07/2019 – 01/2023

**Coordinator:** Infineon Technologies

**Partners:**  
A consortium of more than 50 partners



ARROWHEAD  
TOOLS

**Dates:**  
10/2021 – 6/2022

**Coordinator:** Technischen Universität  
Luleå

**Partners:**  
80 partners from 18 countries

# Arrowhead Tools for Engineering of Digitalisation Solutions

H2020-EU.2.1.1.

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**Thank you for  
your attention.**



Experience  
**#ResearchThatMatters**