



AGRIFOOD
DIGITAL INNOVATION HUB



ITC

INOVACIJSKO TEHNOLOŠKI GROZD
INNOVATION TECHNOLOGY CLUSTER



Greenpoint

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ITC - Innovation Technology Cluster

ITC Cluster aims at fostering **foster cross-sectoral innovation and implementation of novel technologies and ICT in rural-based sectors....**

...supporting the shift towards more **resilient, healthy and environmentally, socially, economically** sustainable rural areas.



I FEEL
SLOVENIA

Our mission

To become **one of the most advanced, digitized rural regions in Europe** for food production and supply, based on the cooperation of all actors in the food system.

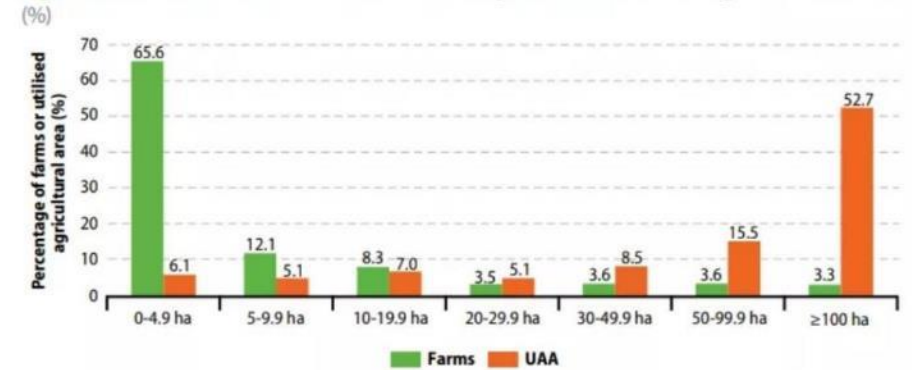
We need to support farmers and local SMEs differently!

WHY? We need to produce more food with less resources!
(what about environmental, economic, social sustainability?)

Challenges:

- Farmers and Food Producers shall be put in the Centre!
- Technologies: IoT, IoE, Industry 4.0, Agriculture 4.0
- Trends in EU (Common EU Agricultural Policy, EIP-AGRI)
- Interdisciplinarity, complexity, lack of finances, ...
- The importance of “Technology transfer” and “Living lab”

Figure 2.1.1: Distribution of EU farms and utilised agricultural area according to farm size, 2016 (%)

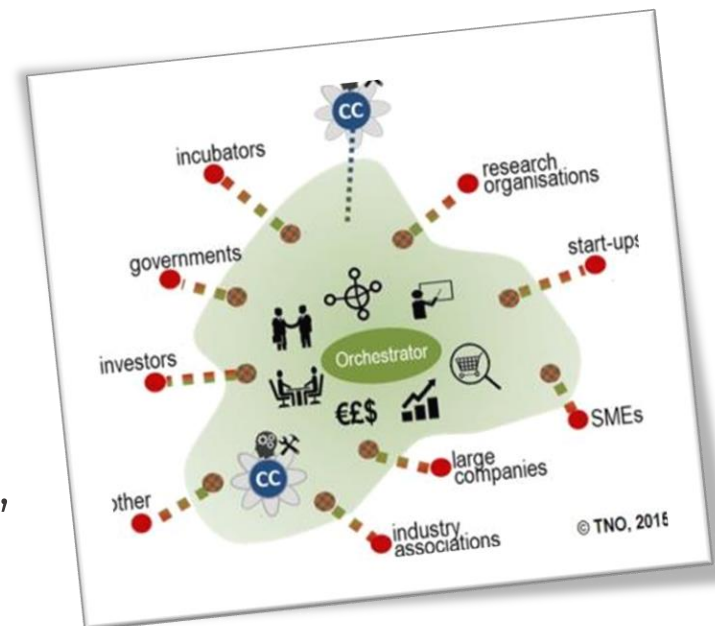


SUSTAINABLE DEVELOPMENT GOALS

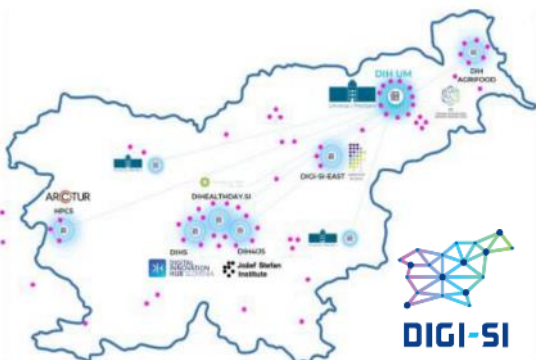


The answer...

DIH AGRIFOOD represents a **One-Stop-Shop** providing services to target groups (farmers, food producers, associations, SFSCs) through a **Multi-Actor cooperation**



EDIH DIGI-SI from 2022!



TECHNOLOGICAL AREAS



DOMAINS



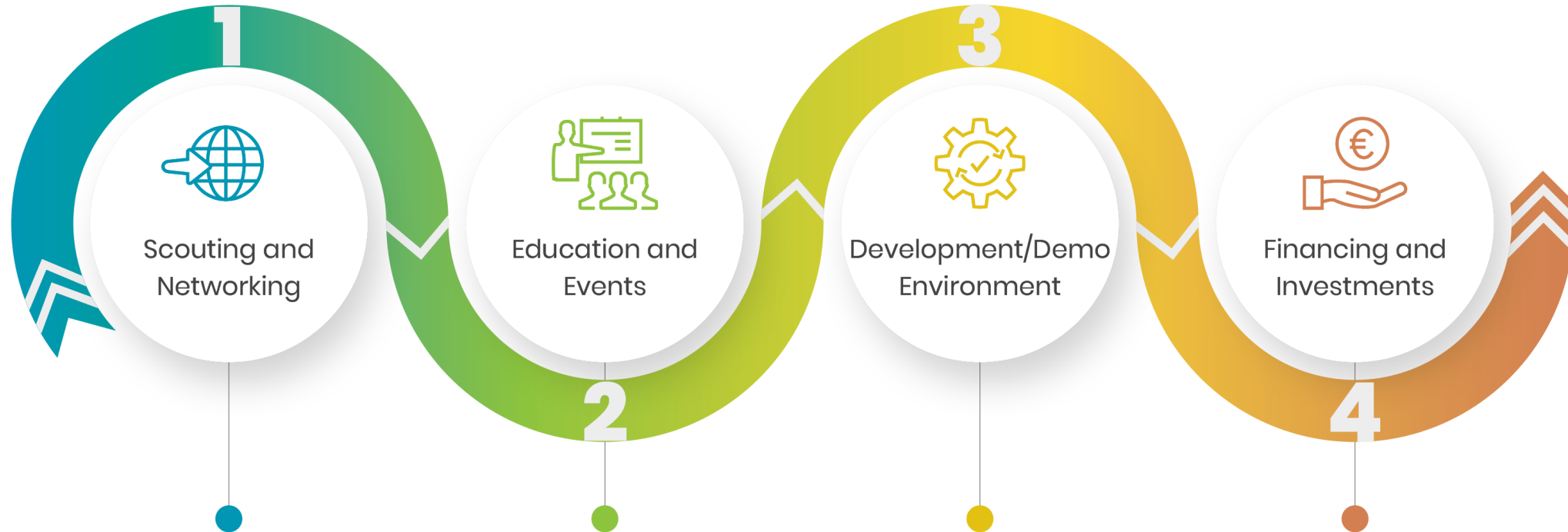
Digital transformation of farming

Food supply chains

Gastronomy



DIH AGRIFOOD Services



- Collaboration Platform
- DIGI-SI Platform Services
- Digital Maturity Assessment
- Digital Plan
- Digital Development Monitoring
- Connecting Stakeholders

- Individual Counselling
- Professional Training
- Seminars/Webinars
- Demo Days and Hackathons
- Conferences

- Evaluation of Innovations and Solutions
- Living Lab Testing and Validation
- DEMO Farms
- DIH AGRIFOOD Applications
- Integration into the Data Space

- Development of Business Models
- Funding Clinics
- EU Grants
- Search for Investors

DIH AGRIFOOD DEMO FARMS is a unique "user-centred" and "place-based" ecosystem involving farmers, advisors, solution providers, and scientists in the co-design, testing, and demonstration of solutions on farms to enhance practices, accelerate technology adoption, and support policy development.

DEMO FARMS comprise five large groups of activities and services:

- Implementation of new technologies, services and equipment
- Use of advanced digital platforms and tools
- Integration of farmers and other stakeholders in DIH AGRIFOOD Data Space
- Raising knowledge and skills through DIH AGRIFOOD support services, awareness raising, demonstrations and knowledge transfer
- Support in financing and funding
- 20 farms involved in the ecosystem so far





<https://mapping.dih-agrifood.com>

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The **COLLABORATION** and **NETWORKING** platform, based on **FACILITATION**, hosting:

Organizations	app. 1200, reaching > 30.000
Projects	> 60 projects
Innovation Networks	5 IN
Products and Serv.	>300 P/S
Living lab	>25 Living Lab cases
DIHs	>100 DIHs
SME/Startup support	>220 support organizations
Facilitators	40 from 13 countries

DADS DIH Agrifood DataSpace

DIH Agrifood DataSpace enables efficient management and exchange of vital data in the agricultural sector, contributing to increased productivity and the digital transformation of agriculture.

OPEN APP →

MF My Farm

My Farm is a Decision Support System (DSS) and a data-driven platform developed for, co-created with and used by farmers and agricultural advisors. The solution collects, aggregates and visualises all existing and relevant farm and farming related data.

OPEN APP →

FM Farm Manager

Farm Manager is a business planning and data aggregation platform for farmers and food producers, based on a comprehensive and technically advanced e-service, allowing farmers and food producers to develop overall farm production plans, using different farming methods/technologies and approaches.

OPEN APP →

FB Field Book

Field Book is a application designed for farmers and agricultural advisors to efficiently manage and record their daily activities on the farm. With an intuitive interface and robust features, Field Book simplifies the task of organizing and tracking all farming operations throughout the year.

OPEN APP →

BM Benchmark

The Benchmark platform is used by farmers and agricultural advisors to analyse, compare and advice on economic indicators about various aspects of the farm production efficiency and economy (e.g.: economic indicators of dairy production).

REQUEST ACCESS →

CE CircEco

CircEco platform is cloud-based marketplace, enabling citizens, farmers and businesses to sell their surplus food – perishable food close to expiry and food not meeting marketing standards.

REQUEST ACCESS →

BIS BlockIS

BlockIS is a traceability solution is for food supply chains stakeholders. The solution is enabling farmers, food producers, food processors and other actors to automatically generate digital certificates about the events in the supply chain. BlockIS traceability solution ensures transparency and trust, from farm to fork.

REQUEST ACCESS →

It is an open, free, participatory-based platform!

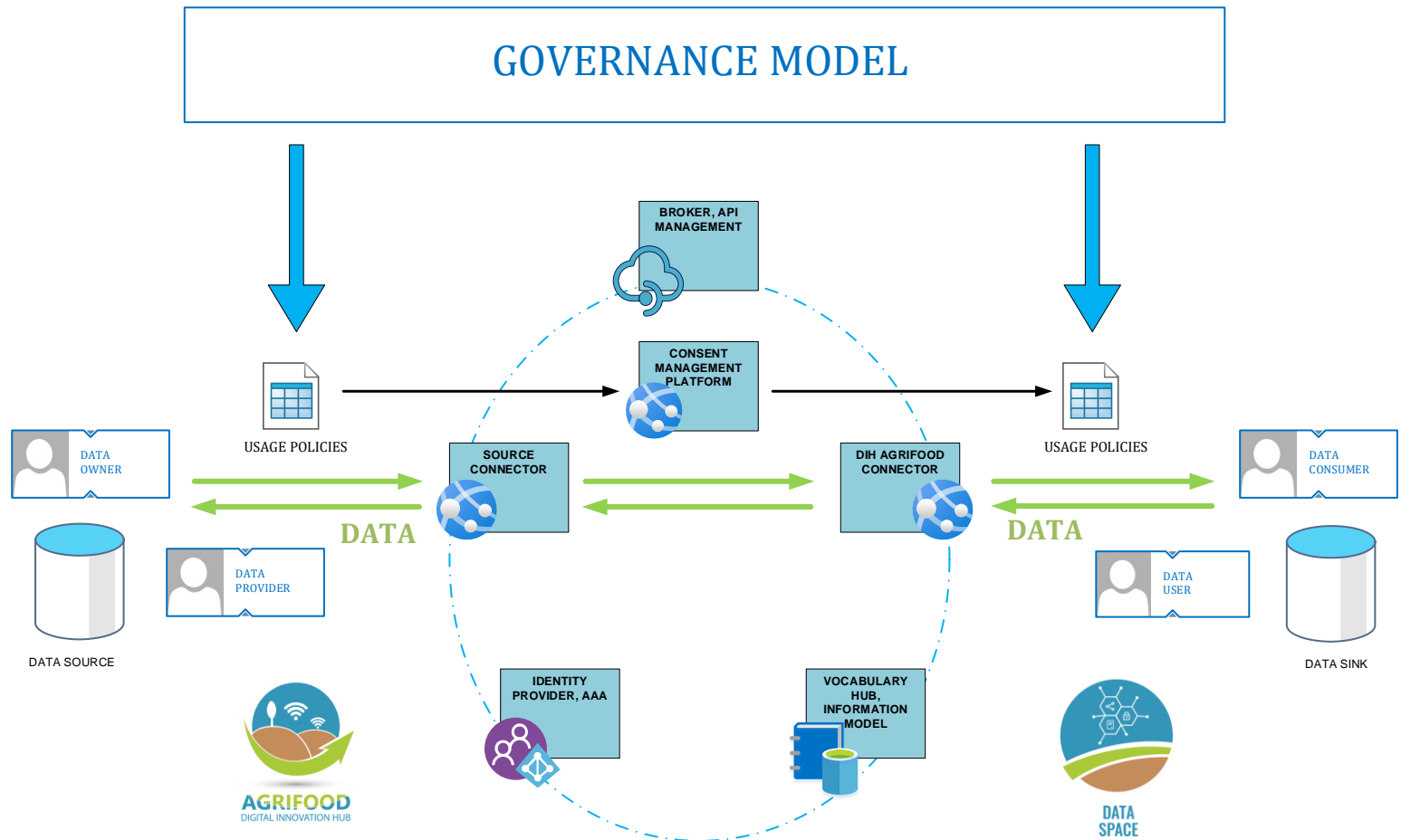


DADS – DIH Agrifood Data Space

DIH AGRIFOOD Data Space (DADS) is a federally organized data-sharing platform where data from the agri-food sector is shared based on pre-defined **policies and rules defined by the data management model.**

The data management model is based on ethical principles and guidelines provided by the European Commission. These principles guarantee the **data sovereignty of Data Owners and transparency of data collection and sharing among all stakeholders in the Data space**

The most important benefit: Data Owners are protected!



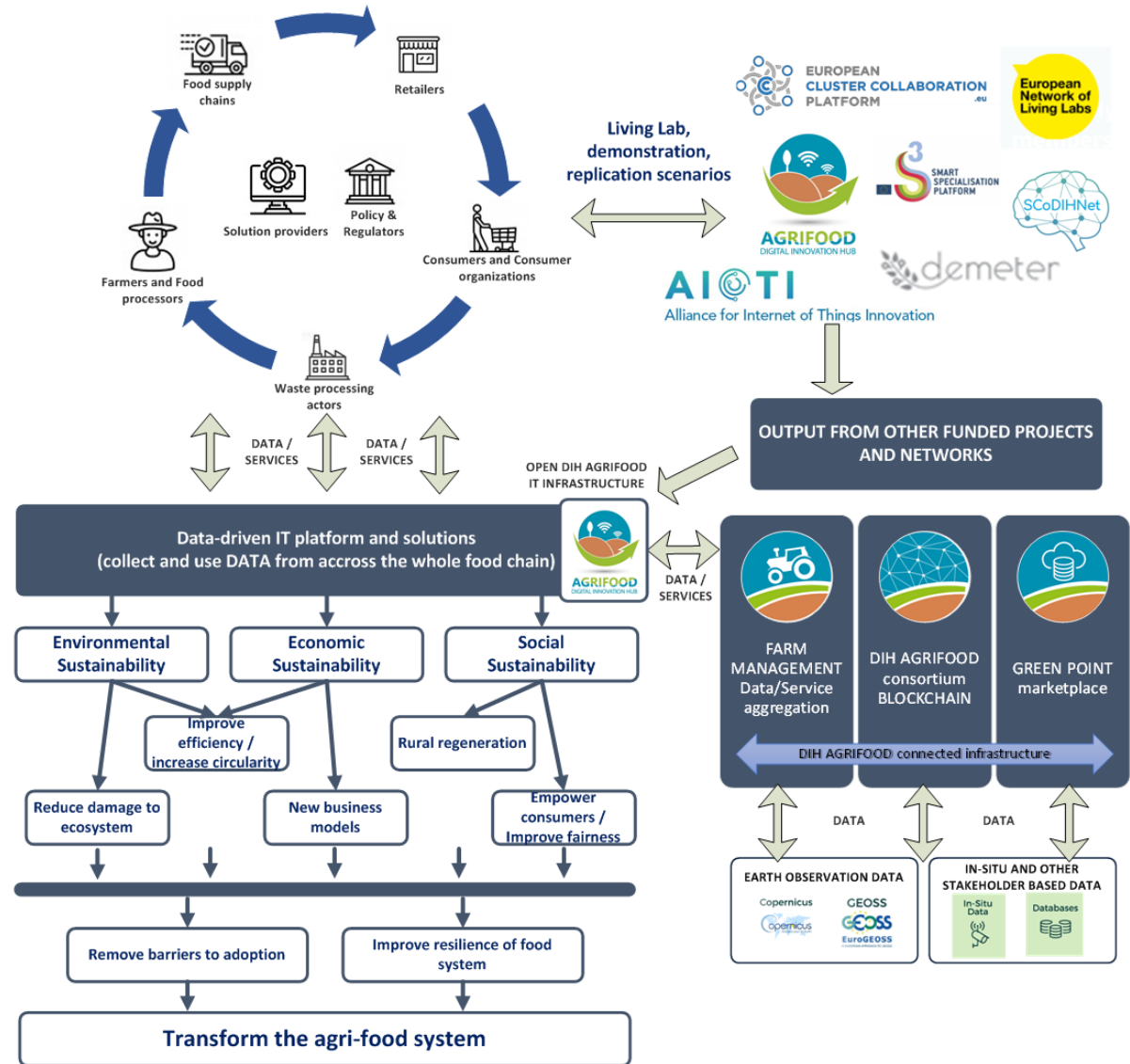


Long-term goal

- To bring together actors from across the entire agri-food systems in a **Participatory Multi-Actor Approach (pMAA)**

Supported by:

- Data-driven IT platform** to collect and use data from all across the food chain to deliver benefits for the society and lead to a more **sustainable, resilient and transparent food system** with empowered stakeholders who are in the position to take smarter, more sustainable, healthier and more personal food and dietary choices, taking into account data regarding environmental impact, origin, nutrition, safety and integrity.
- DIH AGRIFOOD Data Space** provides a secure, sovereign system of agrifood data sharing in which all participants can realise the full value of their data.



Thank you for your attention!

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Register on DIH AGRIFOOD Platform



<https://mapping.dih-agrifood.com>