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ITC - Innovation Technology Cluster

ITC Cluster aims at fostering cross-sectoral innovation, based upon novel technologies and ICT, while bringing together SMEs and other institutions from different sectors and turn them into being “Smart”.

Technology Transfer office

The Technology Transfer skills and principles are the key for ITC cluster operation.
We need to support farmers differently!

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

• Technologies: IoT, IoE, Industry 4.0, Agriculture 4.0
• Trends in EU (Common EU Agricultural Policy, EIP-AGRI)
• Farmers should be put in the centre!
• Challenge: Complexity, lack of skills, lack of finances, ...
• The importance of “Technology transfer” and “Living lab”
The answer...

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

KISS (Keep it Simple and Smart)
DIH Agrifood

DIH AGRIFOOD

Areas

- IoT
- Big Data
- Blockchain
- Artificial Intelligence
- Earth Observation
- Robotics
- Farm Manager
- Farm to Fork
- Accelerator

Digital transformation
Short supply chains
Gastronomy
The COLLABORATION and NETWORKING platform, based on FACILITATION, hosting:

- Organizations > 800, reaching > 6,000
- Projects > 25 projects
- Innovation Networks 2 IN
- Products and Serv. >170 P/S
- Living lab >20 Living Lab cases
- DIHs >60 DIHs
- SME/Startup support >120 support organizations
- Facilitators 22 from 7 countries

https://mapping.dih-agrifood.com
Green point short food supply chain

- Founded by farmers
- Delivering to public institutions (kindergartens, schools, hospitals, elderly homes), HORECA and citizens (online, store, delivery)
- Strong engagement of local actors

- Over 100 local producers of different seasonal fruit, vegetable and local produce
- Over 500 different types of local products
- Higher quality, environmentally friendly and eco products, geographical origin
Green point
Slovenian Living Lab

In 2020 Green Point has become the biggest and most advanced SFSC in Pomurje region!

Aiming at: Achieving economically sustainable, socially responsible and environmentally friendly business for the benefit of all involved stakeholders and wider community

- Online system (marketplace) for ordering local food and produce
- Blockchain based traceability
- Data collection platform (IoT, EO, in-situ data, value chain actors)
- Circular economy models
- Zero Food Waste and Loss models
- Zero GHG logistics and Delivery system

Living Labs (LLs) are defined as user-centred, open innovation ecosystems based on systematic user co-creation approach, integrating research and innovation processes in real life communities and settings.
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.
Thank you for your attention!

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Register at DIH AGRIFOOD

https://mapping.dih-agrifood.com
The End