



ITC – Innovation Technology Cluster & DIH AGRIFOOD presentation

NEGHTRA KICK-OFF MEETING, 1.12.2020



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.





AGRIFOOD
DIGITAL INNOVATION HUB

DIH AGRIFOOD - Topics



BIG DATA



FARM MANAGER



EARTH
OBSERVATION



BLOCKCHAIN



ROBOTICROP



FARM to FORK



ACCELERATOR



ITC

INOVACIJSKO TEHNOLOŠKI GROZD
INNOVATION TECHNOLOGY CLUSTER

Digital transformation

Short supply chains

Gastronomy





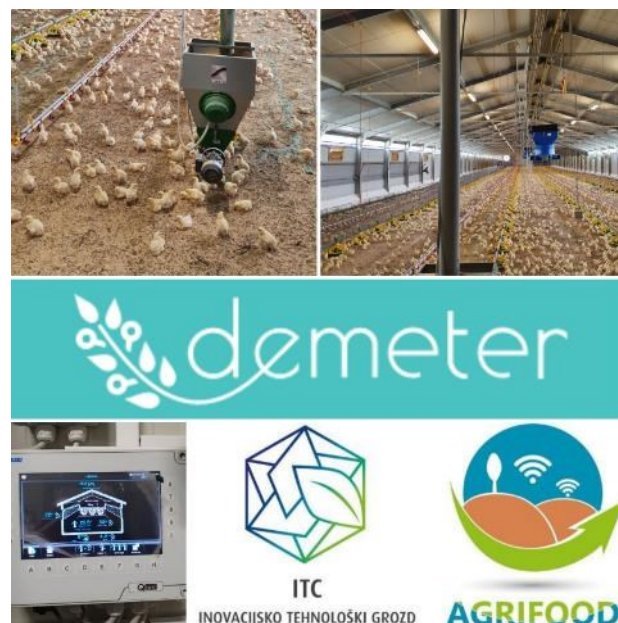
12 farms and 3 supply chains equipped with IoT technologies (sensors, irrigation control, fertilization control, pest management, traceability)





5 farms equipped with digital IoT technologies

3 areas: **poultry, orchards and vineyards**



DIH AGRIFOOD is having direct access to **key technologies** for digitalizing the **Agriculture** sector across Europe!



Green point: Slovenian Living Lab



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

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

FUTURE PLANS:

- 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





Role in the project



WP1: coordinates the members of **WP1** and manages the physical and virtual meetings. Also collects the member inputs and compiles the relevant reports and proposals.

WP2: contributes its technical experience in data sharing, system integration and networking (based on current running projects DEMETER, CYSLOP and other)

WP3: contributes in the training material development through the accumulated knowledge of the DIH AGRIFOOD

WP4 & WP5: use DIH AGRIFOOD network to provide training and **supports the networking of the e-platform to its large network** and extends its practice of **involving quadruple helix components of its region**

WP6&WP7: checks the quality of both the material and the delivery and contribute to the internal evaluation

WP8: promotes the material to its own DIH Agrifood, the whole ITC cluster, its extensive network of related stakeholders across Europe

WP9: assists the management by participating in the steering committee and exercising management activities



Contact and more information



ITC
INOVACIJSKO TEHNOLOŠKI GROZD
INNOVATION TECHNOLOGY CLUSTER



THANK YOU FOR YOUR ATTENTION!
Tomaz.Zadravec@itc-cluster.com



Lendavska ulica 5a, SI-9000 Murska Sobota
www.itc-cluster.com

