



#EU
AgriFood
Days



AGRI DIGITAL

*A digital transformation for farmers and rural communities
for sustainable future*



Brussels,
8 December 2023

On-site event,
With web streaming





AgriFood Lithuania ECOSYSTEM

Incubators
Government
Investors
Others
Industry, associations



Science institutions
Startups
SMEs
Large Enterprise



Big Data



Artificial intelligence



High Performance Computing



Cyber Security



Robotics & Drone Systems



Blockchain

MAIN ACTIVITIES



Climate decision-making



Regenerative agriculture



Young people



Empowering women



Alternative proteins



Environmental labeling



Transforming food systems

AgriFood **DIH**
Lithuania

AgriFood **CLUSTER**
Lithuania



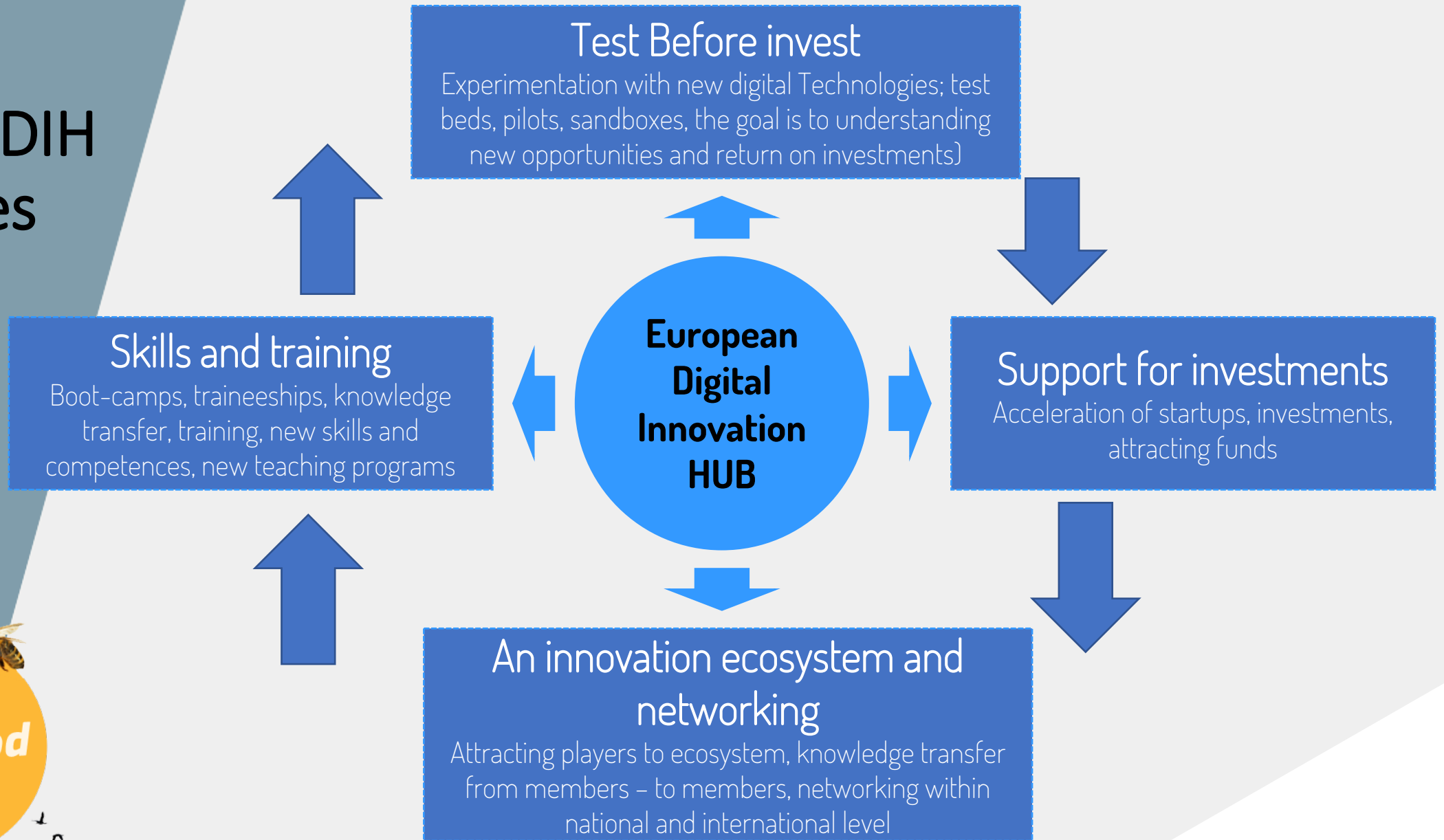
Cluster/DIH/HUB Manager
Kristina
Šermukšnytė-Alešiūnienė
kristina@agrifood.lt
www.agrifood.lt



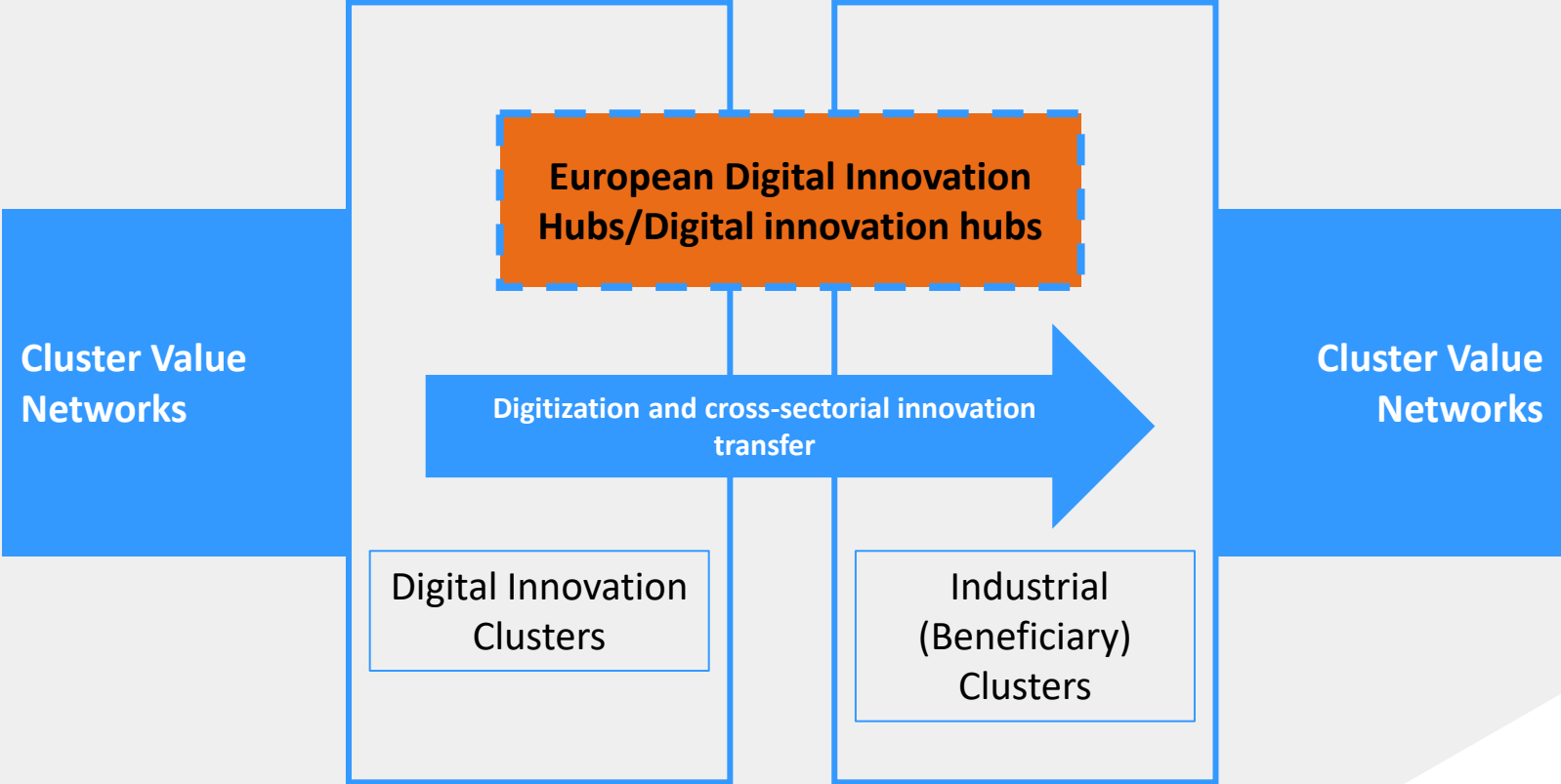
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E-DIH/DIH services



Linking E-DIHs/DIHs and Clusters through the value chain



***Digitalization in action:
Experiences from the field***

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Changing face of the agrifood sector

From the most conservative and least digitalized
to the most innovative, wanted, and gender
equal.

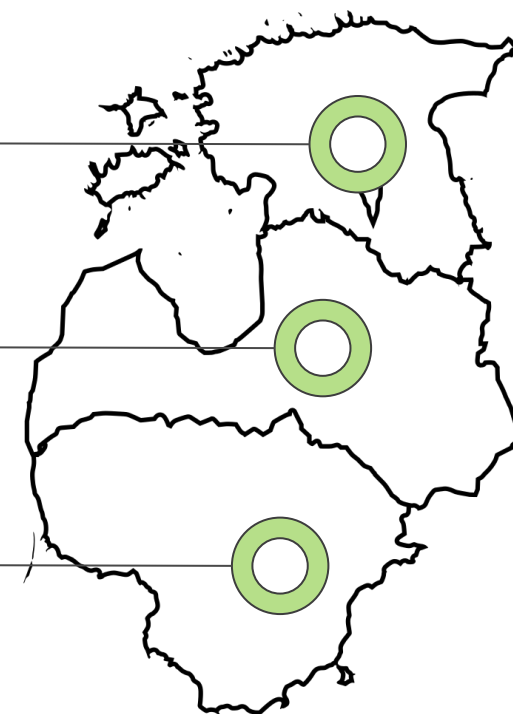
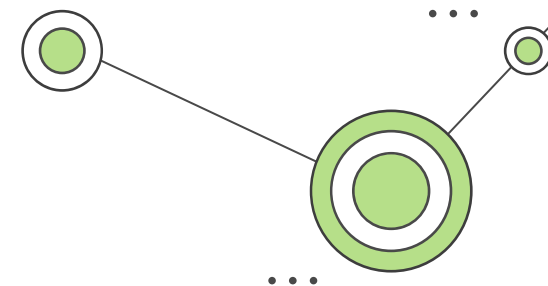


Economy of the AgriFood sector in Baltic States:

Estonia - 4,6 % GDP

Latvia - 7,1% GDP

Lithuania - 7,4 % GDP



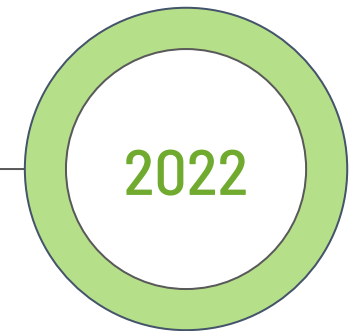
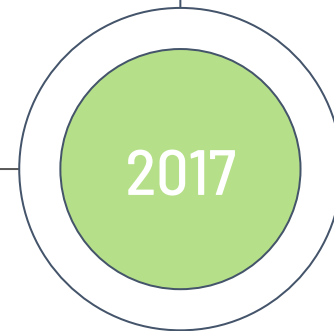
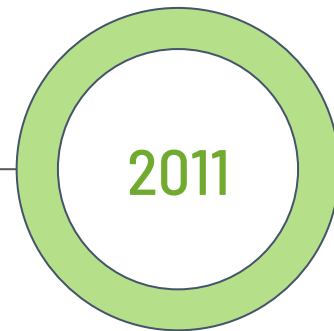
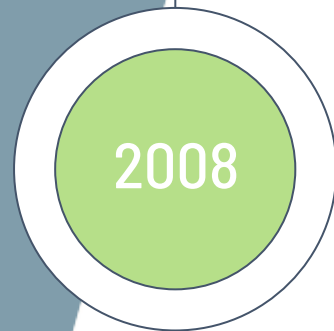
Pioneer in digitalizing the agrifood sector



€2.5 bln turnover goes through, the most used software for grain silos in

Baltics

Digital solutions for agriculture – more than **200 TRL7 products** implemented



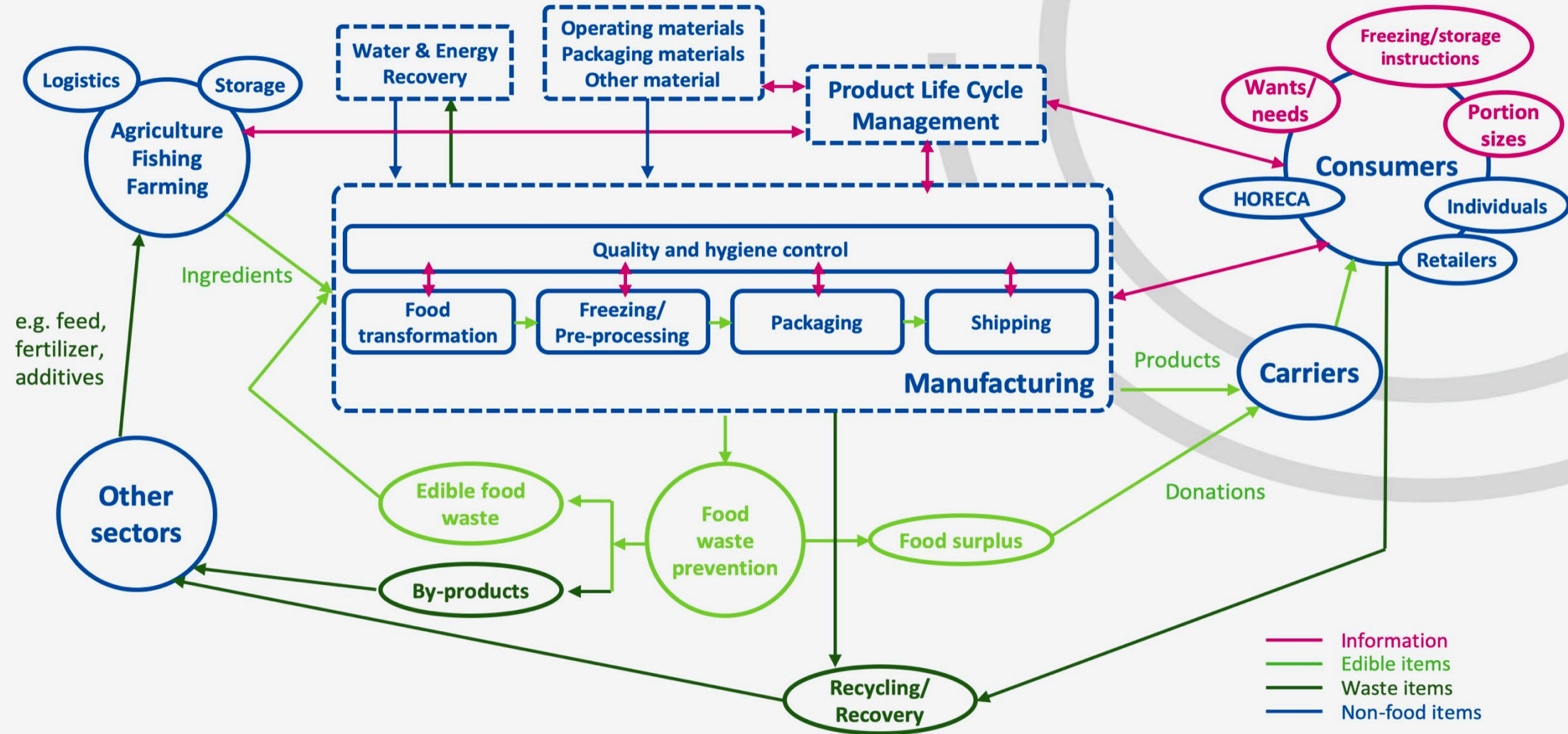
AgriFood **CLUSTER**
Lithuania

the **biggest agrifood network** in Baltic States created

AgriFood **DIH**
Lithuania

the **biggest agrifood innovation ecosystem** in Baltic States achieved

DIGITALIZATION OF THE FOOD VALUE CHAIN



Source: EIT FOOD, EIT DIGITAL, EIT MANUFACTURING and "Digitalization of the AgriFood supply chain" working group

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Challenge 1 Policy and Environmental health

52% of agricultural soil are already degraded (ELD Initiative, 2015)

24% direct global greenhouse gas emission by Agriculture, forestry and other land use (IPPC, 2022)

The role of the EDIH/DIH:

- Enhancing environmental health through smart agriculture
- Data-Driven environmental policies
- Monitoring and reducing carbon footprint
- Promoting sustainable practices and certification



Challenge 2 Economic vitality

51,3% of the EU's surface are rural areas (Eurostat)
78% of the European population lives in urban areas (Eurostat)

The role of the EDIH/DIH:

- Increasing productivity and efficiency
- Improving supply chain management
- Access to markets and fair pricing
- Data-Driven decision making
- Reduction in operational costs
- Financial inclusion and access to funding

Challenge 3 Social benefits

71% of EU farms with livestock are run by male farm holders (Eurostat)

11% of all farm holdings in the EU are managed by farmers under the age of 40 of which female young farmers represent only 3% (Eurostat)

The role of the EDIH/DIH:

- Enhancing food security
- Empowering small-scale farmers
- Promoting agricultural education and knowledge sharing
- Improving labor conditions and reducing drudgery
- Supporting sustainable and eco-friendly practices
- Fostering community engagement and collaboration





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«We grow vegetables without fertilizers, without chemicals. We sell some of them as vegetable baskets, and what we don't sell, don't utilize, but we make, for example, spices, salts, seasonings, tomato sauces - in a word, as I say, nothing goes to waste on our farm, but turns into something. Digitalizing has brought us new opportunities even though it's a long learning process»

*Eglė Valuckaitė-Stašauskienė
Farmer, digitalization ambassador*



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How to achieve success?

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THANK YOU!



CEO at AgriFood Lithuania
Vice-president at European
Clusters Alliance
kristina@agrifood.lt
+37065022269

