



#LEADFARM 5.0

Project title Improving agri-food co-operatives' capacity by speeding up the development and uptake of future skills based on digital innovations.

Acronym #LEADFARM5.0

Programme Erasmus+

Action KA220-VET – Cooperation partnerships in vocational education and training. Call 2021 Round 1



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SHORT DESCRIPTION

Society 5.0 or “super-intelligent society” is a connected society where Big Data, IoT, AI and robots will be fully integrated in order to provide a digital and physical infrastructure for everyday life. Society 5.0 will be human-centred and will take advantage of all this to tackle problems that affect the whole of society, such as the ageing of the population or pollution.

The agri-food co-operatives sector must participate, join this trend, and support the creation of a society which is aware and committed to the problems it faces, avoiding becoming a sector that remains a trace of the technological past.

#LEADFARM 5.0 will carry out a conceptual and experimental analysis of this trend, which implies the empowerment of the human being supported by technology at the centre of production processes. The agri-food co-operatives need to improve innovative and driving key capacities, skills and competencies for change in the fields of action for climate and AI without neglecting the most basic human values linked to co-operatives, considering the Industry trend towards the automation of production processes, in the context of AI development, intelligent spaces based on the IoT, cognitive computing, the use of cobots, and promoting Precision Agriculture, and without forgetting climate change mitigation.

#LEADFARM 5.0 arises from the need to improve the knowledge, capacities and skills of European agri-food co-operatives regarding the use of digital innovations that can be easily adapted to new agricultural models that will largely replace the intensive industrial farming model and that will require changes in business decision-making processes.

The pandemic has shown evidence of the various gaps that have widened with COVID-19 in the societies and between them, revealing once again the need to move towards Society 5.0 in which digitisation and connectivity will be available and help the society to fill these gaps and facilitate compliance with several of the SDGs.





SPECIFIC OBJECTIVES

- To analyse the emerging employment opportunities offered by digital innovations for a Society 5.0.
- To diagnose the skills and future competences necessary in the cooperative agri-food sector.
- To develop innovative learning methodologies and to support mechanisms for smart specialization aimed at co-operatives and young farmers.
- To promote scientific dissemination through new accessible forms of learning that ensure equal opportunities for groups at risk of exclusion.
- To encourage the participation of women in the new emerging jobs detected and to promote culture and the necessary cooperative values in the Company 5.0.

#LEADFARM 5.0 will work as a network for the development and experimentation of a competence framework and training curricula, which will help to obtain the key future skills, knowledge and competencies in: ICT and robotic technologies; Environment; Management and entrepreneurship and Social and emotional intelligence that will give us an overall picture of the success factors of resilience linked to AI and Climate Change applicable to the agri-food sector in the EU and for intelligent advice on new sustainable opportunities emerging in rural areas.

This training curriculum will be used as a tool that will serve to transfer knowledge and promote scientific dissemination to reach smaller cooperatives and agri-food farms, youth and women farmers, sharing knowledge with them through a new educational, universal, and accessible mentoring mechanism.



PARTNERS



Irish Co-Operative Organisation
Society Limited (ICOS) (project leader)

 Ireland



Unión de Cooperativas Asociación
Galega de Cooperativas Agrarias (AGACA)

 Spain



Confederação Nacional das Cooperativas
Agrícolas e do Crédito grícola de Portugal, CCRL

 Portugal




Association for Social Cooperatives

 Poland



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KONSULTĀCIJU UN
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Latvijas Lauku Konsultāciju
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 Latvia



Grifo Multimedia SRL

 Italy



Changemaker AB

 Sweden



Medatlantia Consultoria
Europea S. Coop. Galega

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INTERNATIONAL EVENTS

- Event #1** 1st Steering Committee Meeting (Kick-off meeting) — Ireland, May 2022
- Event #2** 2nd Steering Committee Meeting — Spain, October 2022
- Event #3** 3rd Steering Committee Meeting — Latvia, May 2023
- Event #4** Training of Trainers: Pilot implementation of skills-based training programme for the EU agri-food cooperatives 5.0 — Portugal, 2023
- Event #5** 4th Steering Committee Meeting — Sweden, January 2024
- Event #6** Final Conference to disseminate the project results among stakeholders + 5th Steering Committee Meeting (Final meeting) — Ireland, August 2024

PARTICIPANTS

- 1 Members of the board of directors, managers and employees belonging to agri-food cooperatives.
- 2 Farmers, especially those at risk of exclusion (youth, women, etc.).
- 3 Trainers belonging to the sector of social economy enterprises and agri-food sector.
- 4 Public and private organizations working in the co-operative sector, in particular with agri-food cooperatives. Also, participants with fewer opportunities: the participation of people with educational difficulties, social obstacles and geographical difficulties, especially women, is one of the fundamental principles of the project.





TIME TABLE

Project start date: 28 February 2022

Project end date: 27 August 2024

PROJECT RESULTS

- 1 Competence framework for the EU agri-food cooperatives 2030.
- 2 Smart Virtual Advisor of Agri-food Co-operatives.
- 3 Training curricula: "Hybrid Management of the Agri-Food Industry".
- 4 EU Agri-Food Co-Operative Deal 5.0.

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