AGRIFOOD 4Future

Life Long Learning of advisors and farmers as a tool for innovation in the entire agri-food sector – the AGRIFOOD4FUTURE pathway

Co-funded by the European Union

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The AGRIFOOD4FUTURE is an Erasmus+ project aims to develop vocational training skills and educational programmes that meet the needs of the "agriculture of the future"

AGRIFOOD 4Future

AF4F will contribute to the transformation of the agri-food sector towards digitalization, decarbonisation and sustainability.

AF4F will support the large-scale implementation of new and emerging agriculture practices, such as climate-smart agriculture, precision agriculture, regenerative and organic practices

AF4F will provide the necessary soft and technical skills, raising awareness, and cultivating an entrepreneurial mind-set for the “agriculture of the future” for young people and workers in the agri-food sector

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The project in a nutshell

23 partners involved

- Research centres
- Higher Education providers
- VET providers
- Clusters
- Innovation Hubs
- European association

7 countries

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DIGITALIZATION TOWARDS INCREASED EFFICIENCY & PRODUCTIVITY

BUSINESS SUSTAINABILITY & RESOURCES VALORIZATION

DECARBONIZATION & CLIMATE-CHANGE ADAPTATION

RESILIENT & SUSTAINABLE FOOD SYSTEMS

4 main drivers

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assessment of skills requirements and preparatory work.

cooperation and networking between the partners, with the aim of creating lasting partnerships.

Supporting innovation through acceleration and open-innovation programmes.

Developing of innovative education and training programmes in the field of intelligent agriculture and sustainable food systems.

Preparation of an action plan to ensure the sustainability of the project.

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Project roadmap

The main skills gap

Digital skills

Advanced data management and analysis: Enhance data interpretation and statistical analysis techniques
Digital entrepreneurship: Develop skills in online business creation, digital marketing, and e-commerce
Practical digital tools: Improve everyday and advanced digital communication skills

Green Transition and Sustainability skills

Resource efficiency and logistics management: Optimize resource use and improve supply chain efficiency
Regenerative and carbon farming practices: Implement advanced soil health and biodiversity techniques
Climate adaptation measures: Equip with tools for climate risk assessment and adaptation
Sustainable water and energy management: Minimize environmental impact through sustainable resource use

Soft skills

Problem-solving: Develop effective strategies for overcoming sustainability challenges
Effective communication: Facilitate the adoption of sustainable practices through improved communication
Teamwork and interpersonal skills: Foster collaboration and conflict management for sustainable practices

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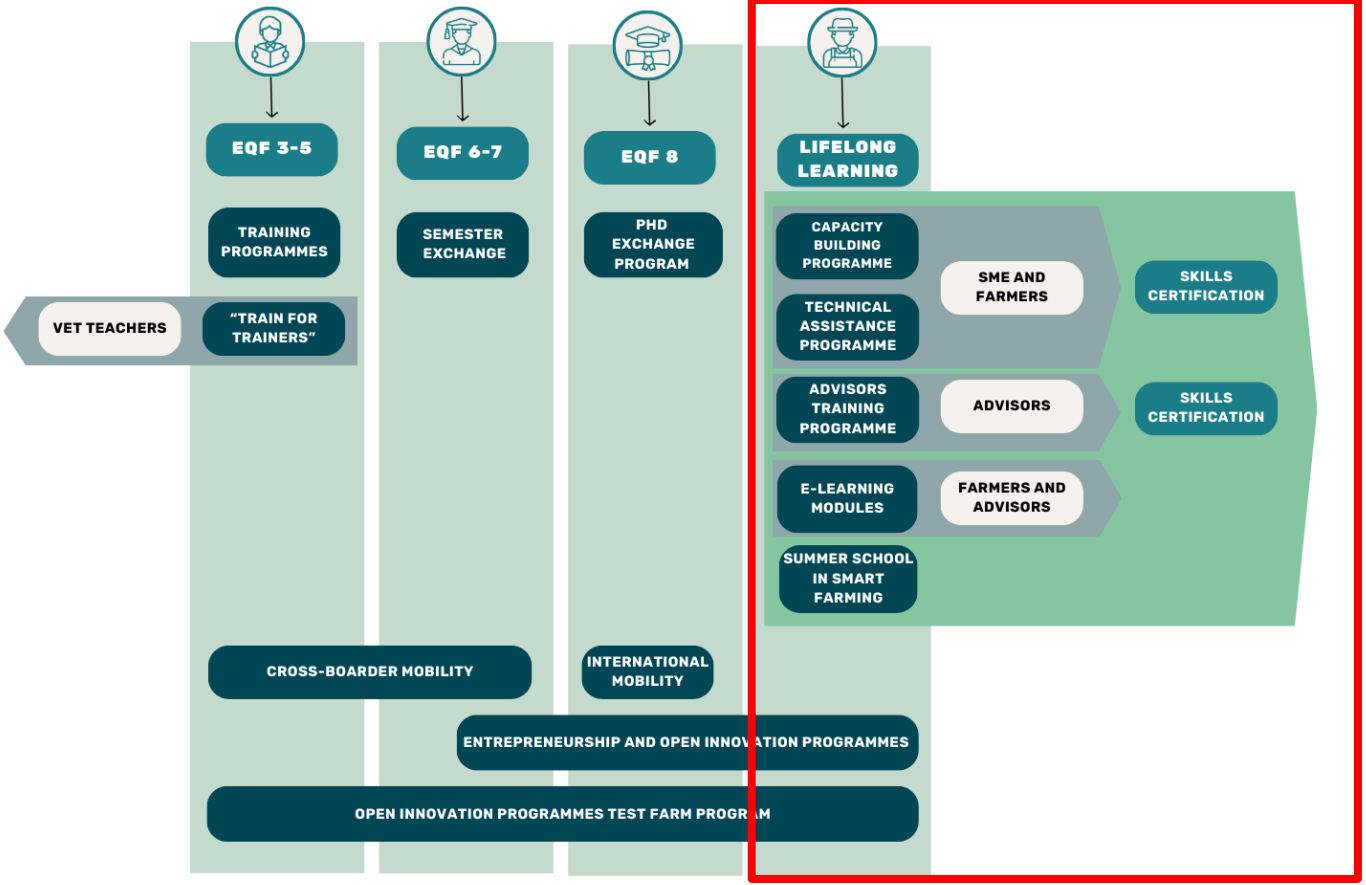

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AF4F training framework

LIFE LONG LEARNING

MODALITIES

LANGUAGE

MODULES

FARMERS	CAPACITY BUILDING	INTRODUCTION TO SMART AGRICULTURE	PRECISION AGRICULTURE AND SMART FARMING APPROACHES	GREEN AND DIGITAL TWIN TRANSITION OF FARMS AND AGRI-FOOD INDUSTRIES	SOIL FERTILITY AND REGENERATIVE EMERGING PRACTICES TOWARDS INCREASED YIELD AND SUSTAINABILITY	ENTREPREUNERSHIP AND NEW VENTURES IN AGRO-FOOD		EN, EN/A
SME	TECHNICAL ASSISTANCE	DIGITALIZATION	DECARBONIZATION					EN
ADVISORS	TRAINING PROGRAM	INTRODUCTION TO SMART AGRICULTURE	PRECISION AGRICULTURE	CLIMATE SMART-FARMING	REGENERATIVE AGRICULTURE	ENERGY CROPS FOR BIOGAS PRODUCTION	FOOD FOOTPRINT	EN, EN/A
ALL	MOOC	THE CONTEXT OF AGRICULTURAL DATA IN EUROPE	AGRICULTURAL DATA COLLECTION TECHNOLOGIES	OWNERSHIP AND SECURITY OF DATA	USE OF DECISION SUPPORT SYSTEMS	FOCUS ON PRECISION FARMING	CHALLENGES AND PERSPECTIVE OF DIGITAL AGRICULTURE	EN
ALL	SUMMER SCHOOL	ONLINE SESSIONS	IN-FIELD VISIT IN PORTUGAL					EN

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AF4F training framework

Training programs

Explore this section to discover innovative training and educational programs focused on sm ms.

advisors, farmers, and SMEs, these programs are de and

needs. Find the program that suits you below

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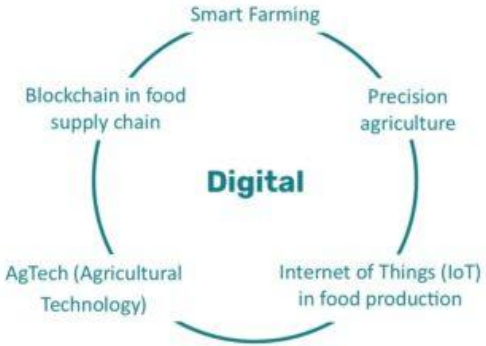
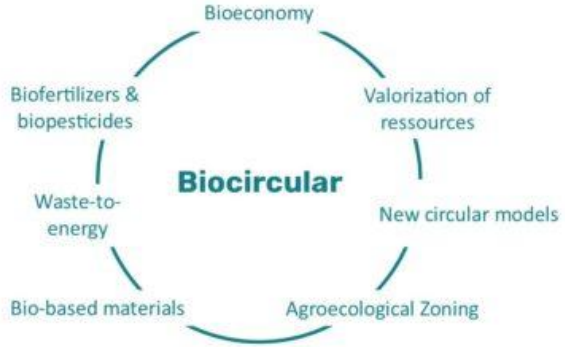
Activities of the Transnational Working Groups





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Transnational Working Groups

To address the current challenges of the sector, it is necessary to raise awareness across the entire supply chain.

The recognition of skills acquired through microcredentials can be a lever for lifelong learning.

English remains a challenge for the sector, limiting access to European-level training

Need to build networks among the various actors offering training opportunities at the European level

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Conclusions

PACT FOR SKILLS Leader

An initiative of the European Commission

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