



FARMER 4.0 FARMER TEACHING AND TRAINING LABORATORIES

Start Date: 01-10-2018

Total Duration: 24 months

End Date: 30-09-2020

- New teaching model for facilitating the cultural transition of agricultural entrepreneurs towards the agricultural enterprise of the future.
- Face-to-face lessons
- E-learning sessions
- Experiential learning throughout virtual environments (3D models in Virtual Reality laboratories)
- Job Shadowing (into fablabs)
- Intergenerational coworking (into fablabs)



*2nd partnership meeting
in UTC – Compiègne (France)*

FARMER 4.0 CREATION OF THE EUROPEAN WEB PLATFORM

Farmer 4.0 is a European project which fosters the adoption of technological systems like 3D modelling and printing among farmers and agricultural entrepreneurs.

One of the deliverables of Farmer 4.0 project is the creation of a platform that presents the training courses, together with a presentation of the overall project.

Useful links and social media buttons have been inserted on the platform with the aim to keep the audience up-to-date with our news and outcomes, and share good practices between the farmers.

In the course section, a part specifying the courses details and their contents have been created.

The link to the virtual environment where the users can perform experiential learning will be embedded in the platform.

FARMER 4.0 TRAINING PATH

Three different ways to follow the training have been implemented: online courses, face-to-face lessons, virtual environment.

Courses designed:

- ❖ Agricultural entrepreneurship according to a Fablab approach
- ❖ Social Networking for the Global Farm
- ❖ Internationalization and sustainability of the global farm 4.0
- ❖ Additive Manufacturing
- ❖ Computer aided design/ Computer aided manufacturing/ Computer aided engineering/Reverse Engineering

2ND PARTNERSHIP MEETING

2nd partnership meeting took place on the 13th and 14th of May 2019 in Université de Technologie de Compiègne, France. The meeting started with the updating of the measurement system of the degree of entrepreneurship and followed by an overview of the web platform. Then, the following topics were presented and discussed by the partners:

- ✓ definition of the farmer4.0 architecture and elaboration of methodologies and training contents of the courses: material collected, presentation of the simulation environment
- ✓ Previous actions to overtake the Job Shadowing and coworking activities
- ✓ Monitoring and evaluation of the project
- ✓ Dissemination and exploitation of results

The meeting concluded with an interesting visit to the UTC Fab Lab.



FABLAB
UTC Compiègne



3D printed logo

VIRTUAL ENVIROMENT

Experiential learning throughout virtual environments (3D models in Virtual Reality laboratories) is a deliverable in Farmer 4.0 project.

The virtual environment replicates the reality of a FabLab, Fabrication Laboratory, where prototypes and small productions can be designed and made thanks the use of CAD technologies and additive machines. In this virtual environment, the user has the possibility to discover the steps necessary to design some tools useful in an agricultural context and to see the fabrication process of these tools in an additive machine.

[Simulation environment](#)

COORDINATOR

Politecnico di Torino, Torino (Italy)

Project Partners

- Azienda Agricola Agrianto, Tagliacozzo (AQ), (Italy)
- Consorzio Scuola Comunità Impresa, Novara (Italy)
- Université de Technologie de Compiègne, Compiègne (France)
- UniLaSalle, Beauvais (France)
- Ocak Izi Derneği, Balikesir (Turkey)
- Consorci de la Ribera, Alzira (Valencia, Spain)

WEBINARS

On the project lifetime, 3 webinars are projected which content is:

- The figure of the farmer 4.0 to support innovative agricultural entrepreneurship
- The functionality of the Farmer 4.0 platform and the role of the Community in defining shared European agricultural strategies
- Farmer 4.0 tools for supporting the experiential training in agriculture

Two of them have been already performed in March and September 2019. The main goal of them is to disseminate information to the stakeholders about the main deliverables created and reached in Farmer 4.0 project.

HOW TO STAY CONNECTED

Visit our website: <https://www.farmer4.eu/>



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