



FARMER TEACHING AND TRAINING LABORATORIES

Newsletter 1/ March 2019

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
- Intergenerational coworking (into fablabs)

FARMER 4.0 INTRODUCTION

Although the new CAP (Common Agricultural Policy) aims to promote the centrality of the agricultural sector by ensuring a fair development among EU Countries, unfortunately, the EU agriculture suffers from delays in the adoption of development models that permit to create a production of food, feed, fiber, biomass and biomaterial according to competitiveness and sustainability conditions among attacks by non-EU markets. With "FARMER4.0" will be realized, for the first time in EU, a training model that uses in a systemic paradigm of FabLab to translate, in a modern way, the traditional role of the Farmer that is going to disappear.

FARMER 4.0 OBJECTIVES

The model will integrate into a blended learning solution:

- ❖ Elements of experiential training in a form of "intergenerational" job shadowing, "face to face" and "virtual" classrooms, to stimulate a shift of competences between traditional farmers and experts in digital manufacturing from a side, and farmers of the digital age, according to the FabLab approach.
- ❖ Elements of experiential training in interactive e-learning to stimulate the use of innovative tools of the new digital creativity.

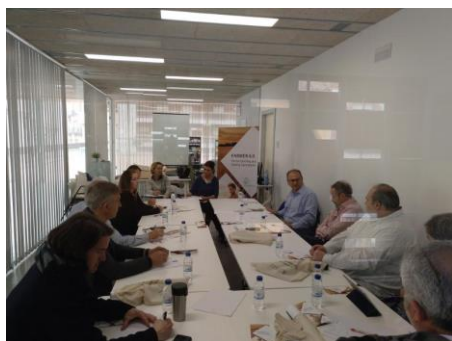
Thanks to a collaborative multilingual virtual platform, users will be supported in the acquisition of competencies (knowledge + skills) and the exchange of good practices needed for the development of a EU competitive "farm entrepreneurship".

EXPECTED RESULTS

The project wishes to promote entrepreneurship in the agricultural field and facilitate the transmission and adoption of new productive processes and new business models based on concepts such as Open Source, FabLab, 3D Printing and 3D tools, Virtual Reality, Open Innovation, Job Shadowing, Coworking. With FARMER4.0 we foster the realization of the Global Farm 4.0, the farm of the future, in which these aspects are merged and melted together: Traditional knowledge and Innovative entrepreneurship emerging technology.



Kick off meeting Farmer 4.0



Focus Group

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 İzi Derneği, Balıkesir (Turkey)
- Consorci de la Ribera, Alzira (Valencia, Spain)

KICK OFF MEETING

The kick-off meeting took place on the 5th and 6th of November 2018 in Politecnico di Torino, Italy. The meeting started with a presentation of project objectives and expected results. The partners discussed the development of the different project outputs and prepared a detailed plan with the upcoming activities and the next steps.

FOCUS GROUP MEETING

On March 5, the meeting of the FOCUS GROUP, working group of the FARMER 4.0 program, took place in every country partner. The main objective of these meetings was to collect information from the experts stakeholders about the state of the art of the actual agricultural trainings developed in each country. The stakeholders belong to different groups or entities related to the agricultural sector, training and entrepreneurship. The information collected from all the countries will be used to develop the different Training tools for Farmer 4.0

WHAT'S NEXT

- ❖ Creation and design of the training platform (Moodle).
- ❖ Design of 4 training courses.
- ❖ Design and creation of FARMER 4.0 web and social networks.
- ❖ Design of simulation space.
- ❖ Design of competency support services for users of the innovation community.

HOW TO STAY CONNECTED

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



POLITECNICO
DI TORINO



The project is co-funded by the Erasmus+ Programme of the European Union.
Project number: 2018-1-IT01-KA202-006775

