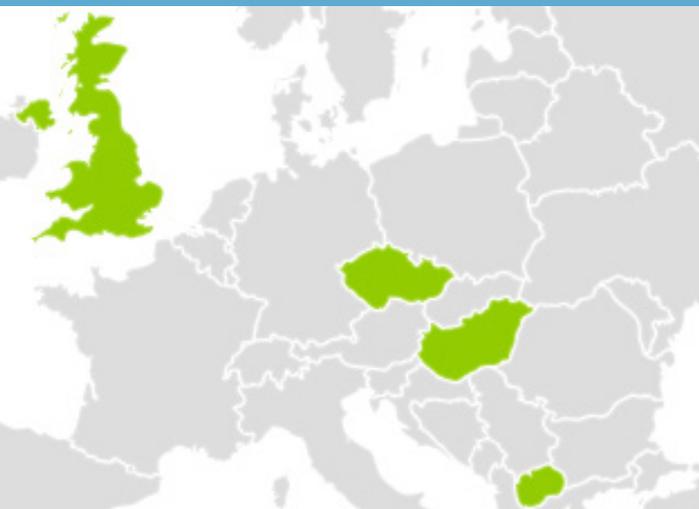


PARTNERS

- 1 Galamb József Agricultural Secondary School - HU
- 2 iTStudy Hungary Kft - HU
- 3 Fondacija Agro Centar za Edukacija - MK
- 4 AG Futura Technologies - MK
- 5 GAK Education, Research and Innovation Centre - HU
- 6 CAPDM Limited - UK
- 7 Wirelessinfo - CZ



MORE INFO

 [facebook.com/agriteach40/](https://www.facebook.com/agriteach40/)

 [linkedin.com/company/agriteach-4-0](https://www.linkedin.com/company/agriteach-4-0/)

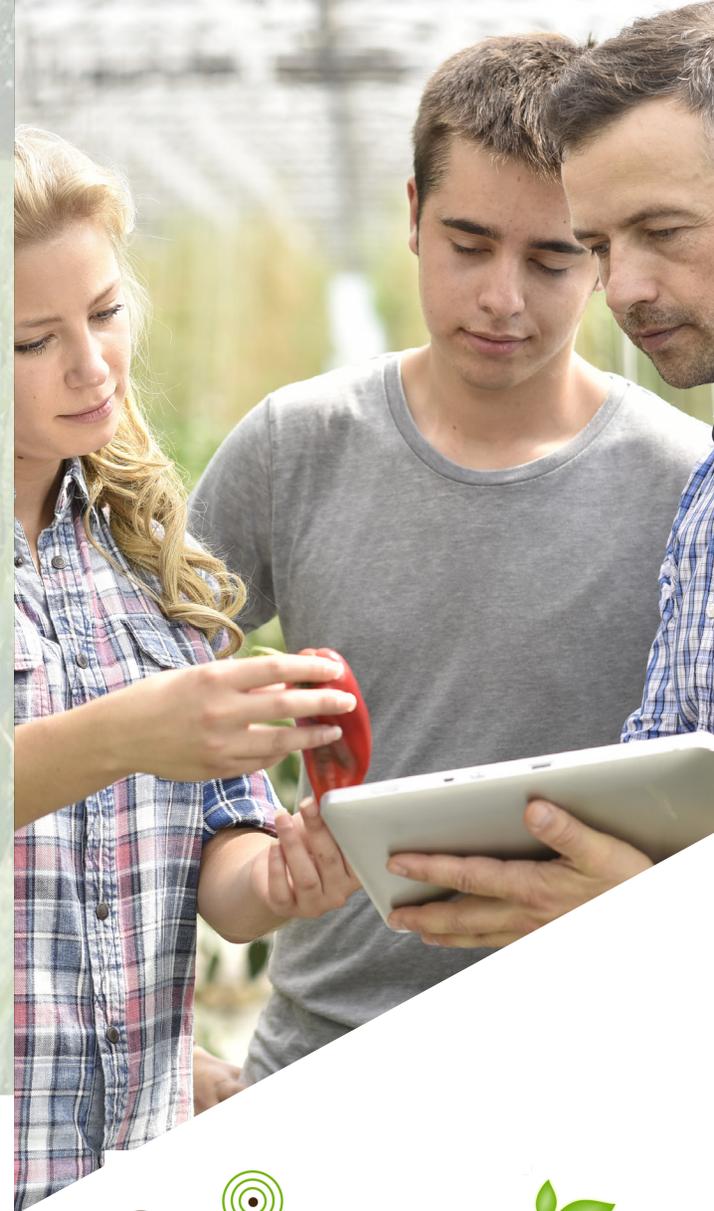
This project has been funded with support from the European Commission. This publication [communication] reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

PROJECT BACKGROUND

Agriculture has been changing fundamentally during the last 15 years, increasingly becoming a knowledge-intensive field of the 21st century global economy. New initiatives, such as ICT4Ag (it is the most widely adopted acronym for the use of ICT in the agricultural sector) and Farming 4.0, highlight the fact that cutting-edge technology, mobiles, smart devices, sensors and knowledge networks are now more and more widely used for improving the productivity of agricultural enterprises.

Nowadays the information and communication technology (ICT) equipment, related technologies and available services have become indispensable in agriculture, and needs of the labour market requires a skilled workforce, and for this demand the agricultural education must answer quickly.

It is also worth considering that learner-centred methods in the education and the use of digital skills and tools in the AG sector can highly motivate and attract young people to agriculture.



CONTACT US

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**AgriTech 4.0**

CONNECTING VET TEACHERS TO
AGRICULTURE 4.0

AIM OF THE PROJECT

Guide agricultural VET teachers in the renewing of their teaching methods by providing them a freely available online course "Teachers for Farming 4.0" based on a networked learning pedagogical model.

The project will integrate the networked learning methodology of a successful Leonardo project (Tenegen: www.tenegen.eu/) with the pedagogical innovations of learner-centred methods such as the Creative Classroom (CC) and the Flipped Classroom (FC) model.

The learning environment and teaching model applied by this project is aligned with the pedagogical innovations of the ET 2020 framework, focusing for the development of 21st century skills, creativity, and the digital entrepreneurship of students.



TEACHERS FOR FARMING 4.0

ONLINE COURSE



TARGET GROUP

Agricultural VET teachers



BENEFICIARIES

Students, farmers, advisors



PARTICIPATING COUNTRIES

Hungary, Macedonia, Czech Republic, United Kingdom



TARGET COUNTRIES

Hungary and Macedonia



PROJECT START DATE

01-09-2017



PROJECT DURATION

24 months

PROJECT OBJECTIVES

1. A focused needs-analysis, and comparative study to identify the training needs by involving VET teachers and representatives of the beneficiaries - the agricultural companies.
2. Developing a standard competency framework for agricultural workers and agricultural ICT practitioners aligned with EU standards such as the EQF and the e-Competence Framework.
3. Curriculum Design based on the CAPDM methodology.
4. Developing learning content for THREE MODULES:
 - M1 Reinventing agricultural education
 - M2 European Strategies and initiatives of e-Agriculture
 - M3 Digital systems within Agriculture 4.0
5. Development of an online collaboration platform and the implementation of the components for "Teachers for Farming 4.0"
6. Piloting the "Teacher for Farming 4.0" course (HU, MK).
7. Refining the syllabus and the course components according to feedback from the participants.
8. Planning for valorization and sustainability.

EXPECTED IMPACT

Increase the knowledge of teachers in online and collaborative learning, innovative learning methods to meet the requirements XXI century skills, ICT in education, up to date, modern knowledge of agriculture 4.0.

The practical application of the teachers' new knowledge and skills gained during the project in the education may affect students in agricultural education. This age group is attracted to ICT-based learning and the use of modern tools. If they become familiar with the possibilities and benefits of using ICT tools in agriculture will motivate more young people to study this area and choose a career in the field of agriculture.

Module 1

Reinventing agricultural education

Module 2

European Strategies and initiatives of e-Agriculture

Module 3

Digital systems of Agriculture 4.0