Erasmus+

Projekt AGRO-elearning

- *wyjazd nauczycieli do Grecji na szkolenie z zakresu stosowania technik rolnictwa precyzyjnego z wykorzystaniem geoinformatyki – więcej informacji tutaj*
- *zdjęcia z wyjazdu nauczycieli - więcej informacji tutaj*
- *prezentacja – „Systemowe wdrażanie technik rolnictwa precyzyjnego w celu podniesienia dochodowości gospodarstw rolnych w Polsce”- więcej informacji tutaj*
- *informacja ze szkolenia zorganizowanego dla uczniów w dniach 3-5.10.2017– więcej informacji tutaj*
- *zdjęcia ze szkolenia zorganizowanego dla uczniów w dniach 3-5.10.2017– więcej informacji tutaj*
- *podsumowanie projektu - więcej informacji tutaj*
- *zdjęcia dotyczące podsumowania projektu - więcej informacji tutaj*

AGRO E-LEARN

Precision Farming with Elements of Geoinformatics

The aim of the partnership is to design, develop functionality, software and create a ready-to-implement and integrate into the curriculum of interactive **educational module** in the area of farming techniques - specializing in precision agriculture and geo-informatics during 24 months. Based on it, we will introduce **new methods and tools** for vocational training, which will enable teachers and learners actively cooperate, in practice more effective and practical than conventional methods, as well as a more efficient.

The project is expected to:
1. **Designing** a of e-learning system to teach precision farming techniques and geoinformatics; (with on-line access);
2. Develop **training materials** for e-learning module in the field of precision farming techniques and geoinformatics;
3. Designing a **model utility for enterprises** engaged in agricultural activities with the use of precision farming;
4. Preparation of an **interactive module** and technical documentation;
5. **Application** of interactive educational teaching module in the field of precision farming and geoinformatics.

Erasmus+

Project No. 2016-1-PL01-KA202-026754 „"AGRO e-learning "- Precision Farming with Elements of Geoinformatics"is funded by the European Union among Erasmus+ Program

The Academic Center of European Information and Education (ACIEE) was established in March 2003. The main objective of ACIEE is to support substantive and implementation of pro-social initiatives. The organization deals with labor market training, professional counseling, European volunteering, educational projects and the spread of environmental education. ACIEE cooperates with Polish and foreign organizations, promotes Poland's integration with the EU and the Mazovian region.

AKADEMICKIE CENTRUM
INFORMACJI I EDUKACJI
EUROPEJSKIEJ
ul. Górczewska 53
01-401 Warszawa
www.aciee.pl

CONSORTIUM

1.Academic Center of European Information and Education (ACIEE, Poland) –
2.GEORGIKES EKMETALEUSEIS (Greece)
3.Supporting Advanced Personality Solutions SAPS n.o. (Slovakia)
4.RESTAMER LTD. (Cyprus)
5.Association for Rural Development Advisers AGROPLUS (Poland)

AGRO E-LEARN

Precision Farming with Elements of Geoinformatics

The aim of the partnership is to design, develop functionality, software and create a ready-to-implement and integrate into the curriculum of interactive educational module in the area of farming techniques - specializing in precision agriculture and geoinformatics during 24 months. Based on it, we will introduce new methods and tools for vocational training, which will enable teachers and learners actively cooperate, in practice more effective and practical than conventional methods, as well as a more efficient.

The **working methods** include:

- Work Task,
- Conceptual work
- Developing solutions - building system "AGRO e-learning" with simultaneous verification of assumptions and system functionality;
- Implementation phase - providing an online platform for vocational education.

The summary will produce a uniform model of e-learning which will play a key role in achieving the goal of the project. The **concept** of project will be based on the interactive educational module, where the strategy of acquiring knowledge and skills in the field of precision agriculture promotes active forms of learning through practical problem-solving. This will allow to achive attractive educational program, improve the work of teaching units, improve the **quality of education**, to raise the motivation to learn and work and to support the human capital which goes to the companies that use similar solutions in business practice and process of agricultural production. The potential long-term benefits of such a project is the possibility of further cooperation and exchange of experience, knowledge and good practices. It is also exploring practical solutions in education, improvement of **professional qualifications**, establish contacts and develop or **transfer innovation.**

INTELLECTUAL OUTPUTS

The Project is expected to:

INTELLECTUAL OUTPUT NO 1 Designing a of e-learning system to teach precision farming techniques and geoinformatics; (with on-line access);	ACTION: • develop technical conditions for the development of the target solution, • Choosing a hardware platform and software - open-source solutions will be preferred, • inventory of state-of the art presentation techniques and systems for assessing progress in training materials, • development of functional and non-functional assumptions for the e-learning system being built; • Choice of technology for verifying the student's field tasks, • Develop assumptions for the three-tier architecture of the system, while verifying appropriate permissions.
INTELLECTUAL OUTPUT NO 2 Develop training materials for e-learning module in the field of precision farming techniques and geoinformatics;	ACTION: • preparation of the training program and its acceptance by all strategic partners, • development of a detailed list of teaching materials in each educational module approved in the agro-e-learning training program; • preparation of didactic modules in accordance with the approved program and a detailed list of didactic materials, • Review of didactic materials by scientific experts, • preparation of Polish and English versions of didactic materials.
INTELLECTUAL OUTPUT NO 3 Designing a model utility for enterprises engaged in agricultural activities with the use of precision farming;	ACTION: • preparation of spatial data for field tasks carried out by learners, • preparation of scenarios for each learners' work to complete the field assignment; • Provide the necessary software through the web pages necessary for field testing; • development of a system for collecting field results and publication of work reports.
INTELLECTUAL OUTPUT NO 4 Preparation of an interactive module and technical documentation	ACTION: • Selection of the IT system developer on which the platform will be launched, • building an IT platform in accordance with the accepted technical conditions, • implementation of didactic materials on the internet platform in accordance with an approved educational program; • testing of the delivered learning environment of the platform; • development of technical documentation, • preparing the installation version of the target solution.
INTELLECTUAL OUTPUT NO 5 Application of interactive educational teaching module in the field of precision farming and geoinformatics	ACTION: • selection of end-users of the "AGRO e-learning" platform; • preparation of training materials for learners and teachers, • preparation of evaluation questionnaires • installation and configuration of the educational platform for new external users.