

Agriculture 2.0 - Enhancing students' skills to combine tradition and innovation in the agriculture sector

V zadnjih letih se o prihodnosti kmetijstva v Evropi pogosto razpravlja ter o ključnih vprašanjih, povezanih z vključevanjem mlade generacije, ter povezanih v smislu tradicionalnega pristopa kmetijstvu, poklicu kmetovalca in prav tako povezanih z najbolj inovativno uporabo novih tehnologij. Izhodišče projekta je: obnovo kmetijskega sektorja modernizacija miselnosti tistih, ki delajo na tem področju, laboratorijskih izkušnje glede kmetijstva pridobljene v »razredu« (šolskem laboratoriju).

Projekt "KMETIJSTVO 2.0 - Izboljšanje sposobnosti študentov za združevanje tradicije in inovacij v kmetijskem sektorju" izhaja iz sodelovanja izobraževalnih inštitutov s sedežem v Italiji, Latviji, Sloveniji in na Hrvaškem, ki si prizadevajo za premagovanje težav, s katerimi se danes srečujejo dijaki/študenti ob vstopu v tržni svet v današnjem kmetijskem sektorju, in si prizadevajo za oblikovanje posebnega izobraževalnega tečaja za dijake, ki se udeležujejo tretjega in četrtega letnika srednjih šol (starih od 16 do 18 let).

Namen projekta je doseči naslednje cilje:

- podpirati nadnacionalni dialog za razvoj sodobne in konkurenčne ponudbe za usposabljanje, ki upošteva zahteve trga dela v kmetijskem sektorju za združevanje tradicije in inovacij;
- Spodbujati izmenjavo dobrih praks med srednjimi šolami, da bi dijake opremili s tehničnimi spretnostmi, spodbujali in izvažali uporabo inovativnega učnega modela, kot je "šolski laboratorij";
- prispevati k razvoju kmetijskih tradicij kot pomembnega vira lokalnega gospodarstva, spodbujati odkrivanje biotske raznovrstnosti, evropskih politik, ki podpirajo kmetijstvo, in se dotika teme **zdrave prehrane zaradi uporabe lokalnih proizvodov.**

Program aktivnosti, načrtovan od novembra 2017 do oktobra 2019, je organiziran z naslednjo strukturo:

- Raziskave in zbiranje najboljših praks in študij primerov, pri čemer je treba posebno pozornost nameniti izkušnjam "šolskega laboratorija", ki ga izvaja Inštitut Rescigno;
- tečaj usposabljanja s podporo platforme eTwinning za vzpostavitev medkrajevnih odnosov med tujimi skupinami (40 študentov na vsakega partnerja) in izmenjavo izkušenj z usposabljanjem, skupaj z izkušnjo tujih mobilnosti (20 študentov, izbranih med udeleženci) ki trajajo en teden, da bi jih gostili drugi partnerji;
- vodenje projektov, ki so jih razvili študentje, zasnovani kot "šolski laboratorij". Vsak projekt bo predstavljen z uporabo digitalne rešitve;
- Razvoj akcijskega načrta, ki bo vseboval izboljšave načrtov za izobraževalne ponudbe, ki jih lahko vsaka evropska institucija ponovi z namenom začetka poti za posodobitev ponudbe za usposabljanje.

Projekt - predvideni rezultati:

- zbirka najboljših praks in študij primerov iz izkušenj v partnerskih državah, zlasti s predlogom metode poučevanja, imenovano "šolski laboratorij";

- ponudba usposabljanja za posodobitev akcijskega načrta inštitutov v skladu s skupnim vzorcem za razvoj in internacionalizacijo;
- inovativen program usposabljanja za dijake, ki ga sestavlja mešana mobilnost;
- 4 projektov, ki so jih razvili in predstavili razredi, vključeni v virtualno povezovanje prek platforme eTwinning za sodobno odkrivanje biotske raznovrstnosti in lokalnih kmetijskih tradicij;
- 4 promocijske videoposnetke študentov;
- Intenzivni program usposabljanja za učitelje, ki bodo spremljali študente v procesu kreativnega učenja

Pričakovani cilji učinka:

Dijaki - izboljšane tehnične in mehke veščine (jezik in IKT), odkritje posebnosti, ki jih ponuja njihovo ozemlje, ki spodbuja nastanek kritičnega in podjetniškega razmišljanja v kmetijskem sektorju.

Partnerske institucije - obnovitev njihovega izobraževalnega predloga, bolj strateška uporaba IKT v kontekstu formalnega izobraževanja in vključevanje neformalnih izkušenj v proces usposabljanja; obnovljen dialog med akademskim svetom in zainteresiranimi stranmi ter izboljšane veščine PM s priložnostmi novih sodelovanj.

Ciljna skupina: (dijaki in učitelji) prenovljeno poučevanje, začenši z uporabo novih tehnoloških učnih pripomočkov; (Zainteresirane strani, kot so kmetje in podjetniki) je povečalo prepoznavnost pri krepitevi inovativnih pridelkov z obnovo lokalnih proizvodov in koristi prodaje na lokalni / nadvladni ravni; (Šolski sistem) predstavnik tržnih potreb; (Javne ustanove) obnovili moč v dialogu s transnacionalnimi partnerji.

Projekt podrobneje predvideva naslednje dejavnosti mobilnosti:

C1 - ŠOLSKO-SAMO-BLEND - Mešana mobilnost šolskih učencev (Hrvaška - učna šola Solski center Novo mesto in Srednja šola Antun Matijašević – Karamaneo – otok VIS);

C2 - ŠOLSKO-SAMO-BLEND - Mešana mobilnost šolskih učencev (Slovenija - učna šola Solski center Novo mesto in Ventspils Valsts 1 gimnazija).

Kombinirane poti mobilnosti, ki so predlagane in razvite v projektu, se bodo začele od decembra 2018 do maja 2019. Poti mobilnosti so namenjene študentom, ki se udeležijo 3. in 4. razreda (študenti od 16 do 18 let). Vsak inštitut lahko izbere 20 študentov, ki bodo sodelovali pri mobilnosti, tako da obiščejo razrede, s katerimi so med seboj pobrateni.

Mobilnost bo organizirana na naslednji način:

- 20 dijakov iz Inštituta Rescigno v mobilnosti v LV;
- 20 dijakov Ventspils Valsts 1. gimnazija v SL;
- 20 SOLSKI CENTER dijakov v HR- Vis;
- 20 študentov iz Antuna Matijaševića Karamanea v IT.

During the latest years, the future of agriculture in Europe has been widely discussed touching key issues related to the involvement of the young generation, or the discrepancy that has always existed between the conservative vocation and the most innovative one using new technologies. A starting point for the renewal of the agricultural sector has been found in the modernization of the mindset of those who work there, starting from future workers and enhancing laboratory experiences in the classroom.

The “AGRICULTURE 2.0 - Enhancing students' skills to combine tradition and innovation in the agriculture sector” project is born from the collaboration of educational institutes based in Italy, Latvia, Slovenia and Croatia who aspire to overcome the difficulties that today students face when entering the market world in the today's farming sector, crafting a specific training course targeting students attending their third and fourth year (aged between 16-18 years).

The project aims to achieve the following objectives:

- To support the transnational dialogue for the development of a modern and competitive training offer, which takes into account the demands of the labour market in the agricultural sector to combine tradition and innovation;
- To promote the exchange of good practices between higher education institutions to equip students with soft and technical skills, promoting and exporting the use of an innovative teaching model such as the "School Laboratory";
- To contribute to the development of agricultural traditions as an important source for the local economy, promoting the discovery of the biodiversity, of European policies supporting agriculture and touching the **topic of healthy nutrition thanks to the use of local products**.

The program of activities planned from November 2017 until October 2019 is organized with the following structure:

- Research and collection of best practices and case studies, with particular attention to the experience of the "School Laboratory" carried out by the Institute Rescigno;
- Training course with the support of the eTwinning platform aimed to the establishment of long-distance relationships amongst twinned classes (40 students per each partner) and the exchange of training experiences, along with the foreign mobility experience (20 students selected amongst the participants) lasting one week to be hosted by the other partners;
- Management of the projects developed by the students conceived as a "School Laboratory". Each project will be presented using a digital solution;
- Development of an action plan containing improvements to be made to the Educational Offer plans that every European institution can replicate with a view of embarking on a path to modernize its training offer.

The project will produce the following deliverables:

- o A collection of best practices and case studies from the experiences in partner countries, in particular with the proposal of the teaching method called "School Laboratory";

- o A training offer for the modernization of the Plan of Action of the institutes, according to a common pattern for development and internationalization;
- o An innovative training program for students, composed by a blended mobility;
- o 4 projects developed and presented by the classes involved in the virtual twinning via the eTwinning platform for the discovery of biodiversity and local agricultural traditions in a modern way;
- o 4 promotional videos made by students;
- o An intensive training program for teachers who are to accompany students in the creative learning process.

The expected impact targets:

Students - improved technical and soft skills (language and ICT), discovery of the peculiarities offered by their territory, favoring the emergence of a critical and entrepreneurial thinking towards the agricultural sector.

Partner institutions - renewal of their educational proposal, more strategic use of ICT in formal education contexts and inclusion of non-formal experiences in the training process; renewed dialogue between academic world and stakeholders and improved PM skills with opportunities of new collaborations.

Target group: (students and teachers) renewed teaching, starting from the use of new technological teaching aids; (Stakeholders such as farmers and entrepreneurs) increased visibility towards the enhancement of innovative crops, with the recovery of local products and benefits of sales to local/transnational level; (School system) spokesman of market needs; (Public institutions) renewed strength in the dialogue with transnational partners.

In details, the project foresees the following mobility activities:

C1 - SP-SCHOOL-ONLY-BLEND - Blended mobility of school learners (Croatia – participant schools Solski center Novo Mesto and Srednja skola Antun Matijasevic – Karamaneo);

C2 - SP-SCHOOL-ONLY-BLEND - Blended mobility of school learners (Slovenia – participant schools Solski center Novo Mesto and Ventspils Valsts 1 gimnazija).

The combined mobility paths proposed and developed in the project will start from December 2018 until May 2019. The mobility paths are addressed to the students attending the 3rd and 4th classes (16- to 18- year-old students). Each institute can select 20 students who will participate to the mobilities by visiting the classes with which they are twinned.

Mobility will be organized as follows:

- 20 students from the Rescigno Institute in mobility in LV;
- 20 students of Ventspils Valsts 1.ģimnāzija in SL;
- 20 SOLSKI CENTER students in HR;
- 20 students from Antun Matijašević Karamaneo in IT.

