

ECAP

**Enhancing Competencies of Central Asian
Universities in Agricultural Policy focused
on Environmental Protection & Land
Management**

Project overview

Pavol Schwarcz

Nitra, March 14-15, 2015

Partnership

- * P1 Slovak University of Agriculture in Nitra – SUA
- * P2 University of Natural Resources and Life Sciences – BOKU
- * P3 Czech University of Life Sciences Prague – CULS
- * P4 Kazakh National Agrarian University - KazNAU
- * P5 Republican State Enterprise operating under the right of economic management A. Baitursynov Kostanay State University of Ministry of Education and Science of the Republic of Kazakhstan – KSU
- * P6 Samarkand State University named after Alisher Navoi – SSU
- * P7 Karakalpak State University named after Berdakh – KarSU

Project aim

- * The aim of this project is to contribute to the enhancement of the theoretical approach towards the land management and environmental protection in Central Asia countries through **developing an innovated programme curricula in the field of “Environmental protection and Land Management”** – in the context of Agricultural Policy principles.

Project partial aims

- * to **develop an innovated programme curricula** within the related study programme in order to improve a quality of education in Central Asian countries in the field of environmental protection and land management in the context of new CAP;
- * to **increase an awareness of students from Central Asia** on legal tools supporting environmental friendly agricultural practices;
- * to **create a partnership of European and Central Asian higher education institutions which will benefit from mutual support of education in the field of environmental protection and land management**, exchange of knowledge and skills concerning environmental friendly agricultural practices and legal tools development in the field of environmental protection and land management.

Project duration

15.10.2015 - 14.10.2018

Workpackages

- * **WP1 PREPARATION**
- * **WP2 DEVELOPMENT**
- * **WP3 QUALITY PLAN**
- * **WP4 DISSEMINATION & EXPLOITATION**
- * **WP5 MANAGEMENT**

WP1 PREPARATION

Preparation for project implementation

| | | | |
|--|---|--|------------|
| Tasks | <ul style="list-style-type: none">- preparation of background papers for Agreement creation;- communication with the EACEA and project partners within the contracting phase;- signing agreements with the EACEA and partners;- preparation of the kick-off meeting. | | |
| Estimated Start Date (dd-mm-yyyy) | 15-10-2015 | Estimated End Date (dd-mm-yyyy) | 30-11-2015 |
| Lead Organisation | P1 SUA in Nitra, Slovakia | | |
| Participating Organisation | P2 BOKU Wien, Austria P3 CULS Prague, Czech republic P4 KazNAU Almaty, Kazakhstan P5 KSU Kostanay, Kazakhstan P6 SSU Samarkand, Uzbekistan P7 KarSU Nukus, Uzbekistan | | |

WP1 PREPARATION

Preparation for project implementation

Deliverables/results/outcomes

- * 1.1. Contract on project implementation

Due date - 15-11-2015

WP2 DEVELOPMENT

Project implementation – development of project outputs

Description

- development of innovated programme curricula within the related study programme in order to improve a quality of education in Central Asian countries in the field of environmental protection and land management in the context of new CAP;
- pilot testing and integration of innovated programme curricula into existing or new study programmes at CA higher education institutions;
- creation of the Partnership of European and Central Asian higher education institutions;
- exchange of knowledge and skills concerning environmental friendly agricultural practices and legal tools development in the field of environmental protection and land management.

WP2 DEVELOPMENT

Project implementation – development of project outputs

Tasks

- creating working groups consisting of CA teachers/experts;
- identification of gaps in training curricula of partner universities in the field of agricultural policy in relationship toward the environmental protection and land management;
- finding possible proposals in order to fill these gaps with standards of the new reformed Common Agricultural Policy of the EU applicable for environmental conditions of CA countries;
- assessing the suitability of these modified materials to be fit for creation of a new training curricula with respect to local environmental conditions;
- elaboration of the Target Group Needs Analysis;
- elaboration of background materials by EU partners for training curricula content;

WP2 DEVELOPMENT

Project implementation – development of project outputs

Tasks

- innovation of training curricula content of CA partners (creating of new content in case of necessity);
- introduction of newly developed and tested curricula into existing courses or creation of new courses, if necessary;
- creation of the electronic platform;
- development of database of experts from CA and EU partner countries in the field of environmental protection and land management;
- placing the innovated training content (courses) into the electronic platform;
- training of CA teachers/experts at EU universities;
- pilot testing.

WP2 DEVELOPMENT

Project implementation – development of project outputs

| | | | |
|-----------------------------------|--|---------------------------------|------------|
| Estimated Start Date (dd-mm-yyyy) | 01-12-2015 | Estimated End Date (dd-mm-yyyy) | 14-10-2018 |
| Lead Organisation | P1 SUA in Nitra, Slovakia | | |
| Participating Organisation | P2 BOKU Wien, Austria P3 CULS Prague, Czech republic P4 KazNAU Almaty, Kazakhstan P5 KSU Kostanay, Kazakhstan P6 SSU Samarkand, Uzbekistan P7 KarSU Nukus, Uzbekistan | | |

WP2 DEVELOPMENT

Project implementation – development of project outputs

Deliverables/results/outcomes

- * 2.1. Target Group Needs Analysis
- * 2.2. Methodological Manual for Curricula Development
- * 2.3. Training Curricula and Courses
- * 2.4. Electronic Platform
- * 2.5. Pilot Testing

WP2 DEVELOPMENT

Project implementation – development of project outputs

2.1. Target Group Needs Analysis

- * Type - product
- * Due date - 15-03-2016
- * Analysis describing training needs of CA partners as an input for training curricula innovation or creation
- * Target group - Teaching staff

WP2 DEVELOPMENT

Project implementation – development of project outputs

2.2. Methodological Manual for Curricula Development

- * Type - Learning material
- * Due date - 15-03-2016
- * Methodological guidelines which will facilitate creation of courses by adequate methodological approaches. Subsequent training courses will be complementary to theoretical approaches of curricula development
- * Target group - Teaching staff

WP2 DEVELOPMENT

Project implementation – development of project outputs

2.3. Training Curricula and Courses

- * Type – Teaching material, Learning materials
- * Due date - 15-02-2017
- * Training curricula for students of CA universities at the undergraduate degree which will be integrated into courses and study programmes
- * Target group - Teaching staff, students, trainees

WP2 DEVELOPMENT

Project implementation – development of project outputs

2.4. Electronic Platform

- * Type – Service/Product
- * Due date - 30-11-2016
- * Creation of electronic platform for placing courses, database of experts, discussion forum
- * Target group - Teaching staff, students, trainees

WP2 DEVELOPMENT

Project implementation – development of project outputs

2.5. Pilot Testing

- * Type – Report
- * Due date - 30-06-2018
- * Pilot testing will be carried out by participants from each partner CA university. Pilot testing will be realised in two phases. Feedback will be gained through evaluation questionnaires
- * Target group - Teaching staff, students, trainees

WP3 QUALITY PLAN

Quality Control and Monitoring

| | |
|-------------|---|
| Description | The work package aims at creation of effective mechanism for controlling and monitoring of quality of provided outputs. It involves the establishment of Steering Committee and Quality Control and Monitoring Committee. |
| Tasks | <ul style="list-style-type: none">- establishment of Steering Committee;- assigning the Quality Control and Monitoring Committee;- controlling and Monitoring of the project. |

WP3 QUALITY PLAN

Quality Control and Monitoring

| | | | |
|--|--|--|------------|
| Estimated Start Date (dd-mm-yyyy) | 01-12-2015 | Estimated End Date (dd-mm-yyyy) | 14-10-2018 |
| Lead Organisation | P2 BOKU Wien, Austria | | |
| Participating Organisation | P1 SUA in Nitra, Slovakia P3 CULS Prague, Czech republic P4 KazNAU Almaty, Kazakhstan P5 KSU Kostanay, Kazakhstan P6 SSU Samarkand, Uzbekistan P7 KarSU Nukus, Uzbekistan | | |

WP3 QUALITY PLAN

Quality Control and Monitoring

3.1. Quality and Management Reports

- * Type - Report
- * Due date - 14-10-2018
- * Quality and Management Reports will be based on monitoring and evaluation carried out by Steering Committee and Quality Control Monitoring Committee
- * Target group – Managers, Administrative staff

WP4 DISSEMINATION & EXPLOITATION

Dissemination and Exploitation of Project Outputs

| | |
|--------------------|--|
| Description | Dissemination will be ensured through printed and electronic tools (newsletters, leaflets, web site) and through organising and participating at dissemination events. |
| Tasks | <ul style="list-style-type: none">- dissemination through project web page;- creation of online and printed materials (newsletters, leaflets, posters, social networks);- organising dissemination events, participating at dissemination events;- publishing papers in journals or proceeding volumes. |

WP4 DISSEMINATION & EXPLOITATION

Dissemination and Exploitation of Project Outputs

| | | | |
|--|---|--|-------------------|
| Estimated Start Date (dd-mm-yyyy) | 15-10-2015 | Estimated End Date (dd-mm-yyyy) | 14-10-2018 |
| Lead Organisation | P4 KazNAU Almaty, Kazakhstan | | |
| Participating Organisation | P1 SUA in Nitra, Slovakia P2 BOKU Wien, Austria P3 CULS Prague, Czech republic P5 KSU Kostanay, Kazakhstan P6 SSU Samarkand, Uzbekistan P7 KarSU Nukus, Uzbekistan | | |

WP4 DISSEMINATION & EXPLOITATION

Dissemination and Exploitation of Project Outputs

4.1. Dissemination online and printed materials

- * Type - Service/Product
- * Due date - 14-10-2018
- * Creation of online and printed materials (newsletters, leaflets, posters, social networks, web page)
- * Target group – Teaching staff, students, trainees, librarians

WP4 DISSEMINATION & EXPLOITATION

Dissemination and Exploitation of Project Outputs

4.2. Dissemination events

- * Type - Event
- * Due date - 14-10-2018
- * Organising and participation at workshops, seminars, conferences
- * Target group – Teaching staff, students, trainees,

WP5 MANAGEMENT

Project Management and Coordination

| | |
|-------------|---|
| Description | Project management will include managing of partner activities, time scheduling, organisation of project meetings, reporting and administration of project web page. |
| Tasks | <ul style="list-style-type: none">- web page creation and administration;- communication with project partners (explanation of project tasks, eventual problems solution);- monitoring of achieved results;- control of project budget and expenditures spending;- organisation and management of partner meetings;- managing the interim and final reports elaboration. |

WP5 MANAGEMENT

Project Management and Coordination

| | | | |
|--|--|--|------------|
| Estimated Start Date (dd-mm-yyyy) | 15-10-2015 | Estimated End Date (dd-mm-yyyy) | 14-10-2018 |
| Lead Organisation | P1 SUA in Nitra, Slovakia | | |
| Participating Organisation | P2 BOKU Wien, Austria P3 CULS Prague, Czech republic P4 KazNAU Almaty, Kazakhstan P5 KSU Kostanay, Kazakhstan P6 SSU Samarkand, Uzbekistan P7 KarSU Nukus, Uzbekistan | | |

WP5 MANAGEMENT

Project Management and Coordination

5.1. Web page

- * Type - Service/Product
- * Due date - 15-12-2015
- * Web page of the project (as a tool of project management)
- * Target group – Teaching staff, administrative staff, technical staff,

WP5 MANAGEMENT

Project Management and Coordination

5.2. Reporting

- * Type - Report
- * Due date - 14-10-2018
- * Progress reports from partners, interim report, final report, minutes from meetings
- * Target group – Teaching staff, administrative staff, managers

ACTIVITIES

- * 1.1.1. Preparation of background papers for "Agreement" creation;
- * 1.1.2. Signing agreements with EACEA and with partners;
- * 1.1.3. Preparation of kick-off meeting;
- * 2.1.1. Creating working groups consisting of CA teachers/experts;
- * 2.1.2. Identification of gaps in training curricula of partner universities;

ACTIVITIES

- * 2.1.3. Filling the gaps and assessing the suitability of modified materials to be fit for creation of a new training curricula;
- * 2.1.4. Elaboration of the Target Group Needs Analysis;
- * 2.2.1. Creation of Methodological Manual for Curricula Development;
- * 2.2.2 Training of CA partners;
- * 2.3.1 Elaboration of background materials by EU partners for training curricula content;
- * 2.3.2 Innovation of training curricula content of CA partners;

ACTIVITIES

- * 2.3.3. Introduction of newly developed and tested curricula into existing courses or creation of new courses;
- * 2.4.1. Creation of the electronic platform;
- * 2.4.2. Development of database of experts from CA and EU partner countries in the field;
- * 2.4.3. Placing the innovated training content (courses) into the electronic platform;
- * 2.5.1. Pilot testing;

ACTIVITIES

- * 3.1.1. Development of Quality and Management Reports;
- * 4.1.1. Dissemination of online and printed materials;
- * 4.2.1. Organisation of dissemination events;
- * 5.1.1. Creation of web page;
- * 5.2.1. Elaboration of reports.

Overview of short term impact indicators

| Short term impact | Target groups/potential beneficiaries | Quantitative indicators | Qualitative indicators |
|---|---------------------------------------|--|--|
| innovated or newly created training curricula | teachers, experts, students | number of teachers working on the Target Group Needs Analysis | identified gaps and needs in existing training curricula |
| | | number of teachers working on innovation of training curricula | suitability of content of background papers from EU partners for filling identified gaps and needs |
| | | number of teachers participating at the pilot training | completed training curricula on the basis of feedback from pilot testers |
| | | number of experts participating at the pilot training | |
| | | number of students participating at the pilot training | |

Overview of long term impact indicators

| Long term impact | Target groups/potential beneficiaries | Quantitative indicators | Qualitative indicators |
|------------------------------------|--|---|--|
| database of experts | teachers, experts, students, people interested in subject fields | number of experts joining the database | activities carried out towards land and environment conditions improvement |
| | | number of accesses to the database and discussion forum | interactions with experts |
| the Partnership | teachers, experts, students, people interested in subject fields | number of higher education institutions joining the Partnership | activities carried out towards land and environment conditions improvement |
| | | number of common projects implemented | successfully implemented projects focused on environmental protection and land management |
| innovated or newly created courses | Students | number of courses innovated | courses focused on environmental protection and land management based on the CAP principles |
| | | number of courses newly created | |
| | | number of students attending courses | successful secondary level graduates in the field of environmental protection and land management based on the CAP principles |
| | | | successful doctoral students coming from the secondary level focused on environmental protection and land management based on the CAP principles |

OUTPUTS

- * 1.1. Contract on project implementation
- * 2.1. Target Group Needs Analysis;
- * 2.2. Methodological Manual for Curricula Development;
- * 2.3. Training Curricula and Courses;
- * 2.4. Electronic Platform;
- * 2.5. Pilot testing;
- * 3.1. Quality and Management Reports;
- * 4.1. Dissemination online and printed materials;
- * 4.2. Dissemination events;
- * 5.1. Web page;
- * 5.2. Reporting.

OUTPUTS (1st year)

| Activities | | Total duration (number of weeks) | M1 | M2 | M3 | M4 | M5 | M6 | M7 | M8 | M9 | M10 | M11 | M12 |
|-----------------------|---|----------------------------------|----|----|----|----|----|----|----|----|----|-----|-----|-----|
| Ref.nr/ Sub-ref nr | Title | | | | | | | | | | | | | |
| 1.1.1. | Preparation of background papers for “Agreement” creation | 2 | 2= | | | | | | | | | | | |
| 1.1.2. | Signing agreements with EACEA and with partners | 1 | | 1= | | | | | | | | | | |
| 1.1.3. | Preparation of kick-off meeting | 1 | | 1= | | | | | | | | | | |
| 2.1.1. | Creating working groups consisting of CA teachers/experts | 3 | | | 3X | | | | | | | | | |
| 2.1.2. | Identification of gaps in training curricula of partner universities | 5 | | | 1X | 4x | | | | | | | | |
| 2.1.3. | Filling the gaps and assessing the suitability of modified materials to be fit for creation of a new training curricula | 4 | | | | | 4X | | | | | | | |
| 2.1.3. | Filling the gaps and assessing the suitability of modified materials to be fit for creation of a new training curricula | 4 | | | | | 4= | | | | | | | |
| 2.1.4. | Elaboration of the Target Group Needs Analysis | 6 | | | | | 2X | 4X | | | | | | |
| 2.2.1. | Creation of Methodological Manual for Curricula Development | 6 | | | | 4= | 2= | | | | | | | |
| 2.2.2. | Training of CA partners | 1 | | | | | | | | | | | 1= | |
| 2.3.1. | Elaboration of background materials by EU partners for training curricula content | 8 | | | | | | | 4= | 4= | | | | |
| 2.3.2. | Innovation of training curricula content of CA partners | 16 | | | | | | | | | 4x | 4x | 4x | 4x |
| 2.4.1. | Creation of the electronic platform | 40 | | | 4= | 4= | 4= | 4= | 4= | 4= | 4= | 4= | 4= | 4= |
| 3.1.1. | Development of Quality and Management Reports | 4 | | | 1= | | | 1= | | | 1= | | | 1= |
| 4.1.1. | Dissemination of online and printed materials | 10 | | | 1= | 1= | 1= | 1= | 1= | 1= | 1= | 1= | 1= | 1= |
| 4.1.1. | Dissemination of online and printed materials | 10 | | | 1X | 1X | 1X | 1X | 1X | 1X | 1X | 1X | 1X | 1X |
| 4.2.1. | Organisation of dissemination events | 2 | | | | | | | | | | | 1= | 1= |
| 4.2.1. | Organisation of dissemination events | 2 | | | | | | | | | | | 1X | 1X |
| 5.1.1. | Creation of web page | 4 | | | | 2= | 2= | | | | | | | |
| 5.2.1. | Elaboration of reports | 4 | | | 1= | | | 1= | | | 1= | | | 1= |
| 5.2.1. | Elaboration of reports | 4 | | | 1X | | | 1X | | | 1X | | | 1X |

OUTPUTS (2nd year)

| Ref.nr/ Sub-ref nr | Activities | | Total duration (number of weeks) | M1 | M2 | M3 | M4 | M5 | M6 | M7 | M8 | M9 | M10 | M11 | M12 |
|--------------------------|---|----|--|----|----|----|----|----|----|----|----|----|-----|-----|-----|
| | Title | | | | | | | | | | | | | | |
| 2.3.2. | Innovation of training curricula content of CA partners | 10 | 4x | 4x | 2x | | | | | | | | | | |
| 2.3.3. | Introduction of newly developed and tested curricula into existing courses or creation of new courses | 8 | | | | | | | | | | 2x | 2x | 2x | 2x |
| 2.4.1. | Creation of the electronic platform | 8 | 4= | 4= | | | | | | | | | | | |
| 2.4.2. | Development of database of experts from CA and EU partner countries in the field | 13 | | | | | | | | | | 3= | 4= | 4= | 2= |
| 2.4.3. | Placing the innovated training content (courses) into the electronic platform | 10 | | | 2= | 4= | 4= | | | | | | | | |
| 2.5.1. | Pilot testing | 6 | | | | | | | 2X | 2X | 2x | | | | |
| 3.1.1. | Development of Quality and Management Reports | 4 | | | 1= | | | | 1= | | | 1= | | | 1= |
| 4.1.1. | Dissemination of online and printed materials | 12 | 1= | 1= | 1= | 1= | 1= | 1= | 1= | 1= | 1= | 1= | 1= | 1= | 1= |
| 4.1.1. | Dissemination of online and printed materials | 12 | 1X | 1X | 1X | 1X | 1X | 1X | 1X | 1X | 1X | 1X | 1X | 1X | 1X |
| 4.2.1. | Organisation of dissemination events | 2 | | | | | | | 1= | | | | | | 1= |
| 4.2.1. | Organisation of dissemination events | 2 | | | | | | | 1X | | | | | | 1X |
| 5.2.1. | Elaboration of reports | 4 | | | 1= | | | | 1= | | | 1= | | | 1= |
| 5.2.1. | Elaboration of reports | 4 | | | 1X | | | | 1X | | | 1X | | | 1X |

OUTPUTS (3rd year)

| Activities | | Total duration (number of weeks) | M1 | M2 | M3 | M4 | M5 | M6 | M7 | M8 | M9 | M10 | M11 | M12 |
|-----------------------|---|-------------------------------------|----|----|----|----|----|----|----|----|----|-----|-----|-----|
| Ref.nr/ Sub-ref nr | Title | | | | | | | | | | | | | |
| 2.5.1. | Pilot testing | 5 | 1X | 1X | 1X | 1X | 1X | | | | | | | |
| 2.3.3. | Introduction of newly developed and tested curricula into existing courses or creation of new courses | 4 | | | | | | 2X | 2X | | | | | |
| 3.1.1. | Development of Quality and Management Reports | 4 | | | 1= | | | 1= | | | 1= | | | 1= |
| 4.1.1. | Dissemination of online and printed materials | 12 | 1= | 1= | 1= | 1= | 1= | 1= | 1= | 1= | 1= | 1= | 1= | 1= |
| 4.1.1. | Dissemination of online and printed materials | 12 | 1X | 1X | 1X | 1X | 1X | 1X | 1X | 1X | 1X | 1X | 1X | 1X |
| 4.2.1. | Organisation of dissemination events | 2 | | | | | | 1= | | | | | | 1= |
| 4.2.1. | Organisation of dissemination events | 2 | | | | | | 1X | | | | | | 1X |
| 5.2.1. | Elaboration of reports | 4 | | | 1= | | | 1= | | | 1= | | | 1= |
| 5.2.1. | Elaboration of reports | 4 | | | 1X | | | 1X | | | 1X | | | 1X |