

"Erasmus+ Project NiCoPA"



With the support of the
Erasmus+ Programme
of the European Union



Erasmus+ Project NiCoPA: New and Innovative Courses for Precision Agriculture

ID of the project: «597985-EPP-1-2018-1-KZ-EPPKA2-CBHE-JP»

Applicant Organization: Seifullin Kazakh Agro Technical University

Project goal: to modernize curricula in precision agriculture using new technologies: Geographic Information System (GIS), Big Data, Remote Sensing

Tasks of the project:

1. Analyse the educational needs in precision agriculture through problem and job analysis and review the current curricula.
2. Update the current curricula in precision agriculture.
3. Develop, implement and accredit curricula including ECTS.

Expected results and effect of the project:

1. Review of the current curricula in precision agriculture through analysis
2. Agreement on instructional strategy and guidelines for BA/MSc curricula design including the use of new Educational Technologies
3. A set of new core curricula and transferable modules including innovative teaching facilities
4. Updated current two cycle curricula and programs in precision agriculture according to the Bologna requirements and the new developments
5. Developed, implemented and accredited new practice-oriented, student-focused core, and transferable curricula including ECTS
6. Bringing the Higher Education Institutions of the partner country closer to labor market. Besides that innovative teaching facilities: a new equipped laboratory PAL, a class VCR, Precision agriculture using sensing data Service Office PASO. Focus on the content, agreed structure, new instructional strategy and the use of new educational technologies with regard to the European modernization agenda for higher education will as a whole function as the envisaged impact.

Expected project activities:

- analyzing and updating existing curricula according to educational needs
- developing new certified curricula according to the new achievements in the area, the labor market demands and the Bologna Process

Period of the project: 15.11.2018 - 14.11.2021.

Total cost of the project: 999 847 Euro, including for TIAME 68 604 Euro

The NICOPA consortium consists of 16 partner organizations. The experience, skills and business acumen of the partners will be the foundation for the successful implementation of the project.

Project Partners:

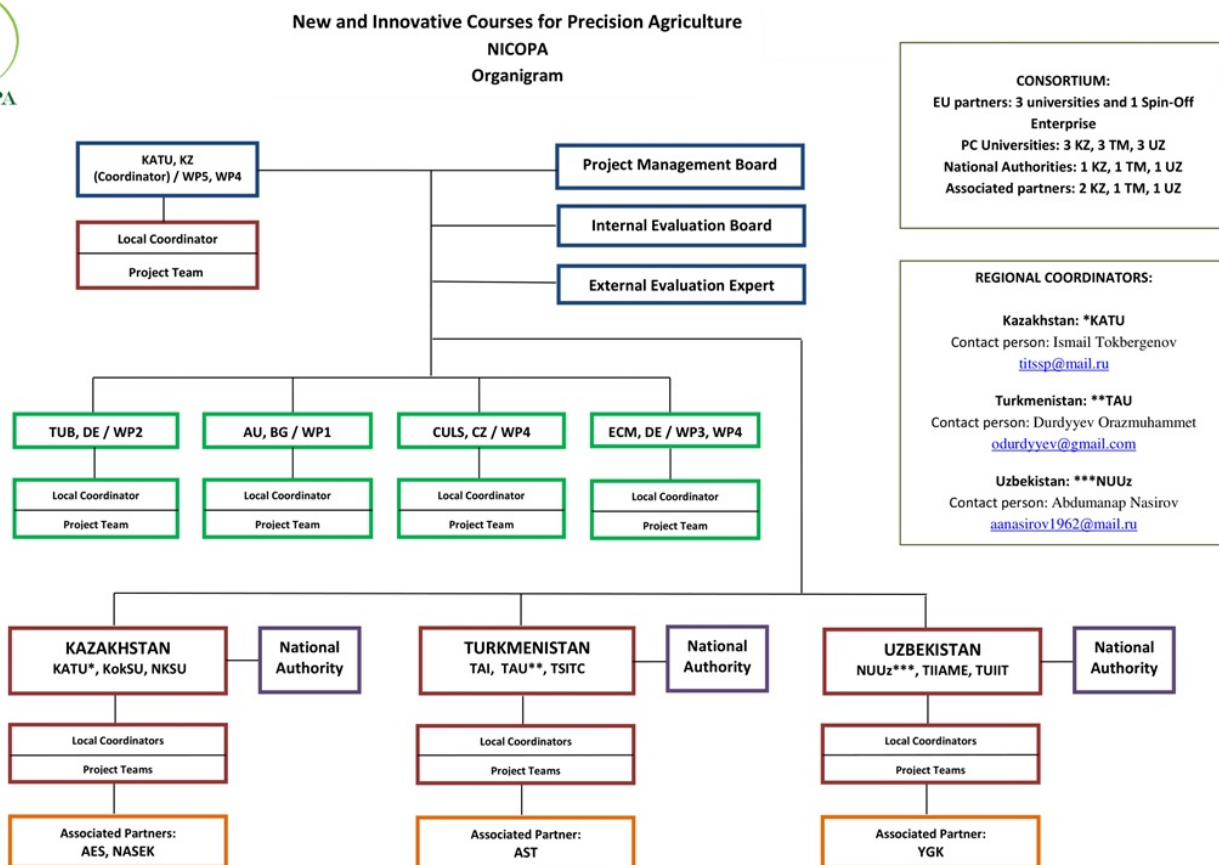
| Partner # | Organisation Name | Acronym | City / Country |
|-----------|---|-----------------------|---------------------------|
| P1 | S.Seifullin Kazakh Agro Technical University | KATU (Coordinator) | Astana, Kazakhstan |
| P2 | Technische Universität Berlin | TUB | Berlin, Germany |
| P3 | Agricultural University Plovdiv | AU | Plovdiv, Bulgaria |
| P4 | Ceska Zemedelska Univerzity v Praze | CULS | Prague, Czech Republic |
| P5 | Exolaunch GmbH (formerly known as ECM space technologies GmbH) | EXO | Berlin, Germany |
| P6 | Shokan Ualikhanov Kokshetau State University | KokSU | Kokshetau, Kazakhstan |
| P7 | North Kazakhstan State University Named After Manash Kozybayev | NKSU | Petropavlovsk, Kazakhstan |
| P8 | Turkmen Agricultural University Named after S.A. Niyazov | TAU | Ashgabat, Turkmenistan |
| P9 | The Turkmen State Architecture and Construction Institute | TSACI | Ashgabat, Turkmenistan |
| P10 | Turkmen Agricultural Institute | TAI | Dashoguz, Turkmenistan |
| P11 | National University of Uzbekistan | NUUZ | Tashkent, Uzbekistan |
| P12 | Tashkent University of Information Technologies | TUIIT | Tashkent, Uzbekistan |
| P13 | Tashkent Institute of Irrigation and Agricultural Mechanization Engineers | TIIAME | Tashkent, Uzbekistan |
| P14 | Ministry of Education and Science | | Astana, Kazakhstan |
| P15 | The State Inspection for Supervision of Quality in Education | | Tashkent, Uzbekistan |
| P16 | Ministry of Education of Turkmenistan | | Ashgabat, Turkmenistan |

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Organigram of the Project:



More info about the project: <https://nicopa.eu/>