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## New and Innovative Courses for Precision Agriculture (NICOPA)

Erasmus+ 597985-EPP-1-2018-1-KZ-EPPKA2-CBHE-JP

### Minutes of Coordination Meeting with Kazakhstan Universities

Date: October 29, 2019

Venue: S.Seifullin Kazakh Agro Technical University (KATU)

Participants: Representatives of the project working groups from the S.Seifullin Kazakh Agro Technical University (P1), Shokan Ualikhanov Kokshetau State University (P6), North Kazakhstan State University Named After Manash Kozybayev (P7), EXOLAUNCH GmbH (P5).  
The list of participants is attached.

Working language: Russian and English.

Objectives: Discussion of the results of the first year of the project, review of the work plan for the second and third year of the project.

#### Considered questions:

1. Dr. Arnold Sterenharz (EXOLAUNCH) reported on the project's activities of the second and third year of the project in the presentation "Milestones and Deliverables. The second and third project years". The presentation also addressed the issues related to the first-year plan implementation of the project in Kazakh universities.

After presentation participants of the meeting exchanged views on the main issues of the project, discussed the possibility of supporting the accreditation process organization at universities (consultations, development of surveys, documents) by the Ministry of Education and Science Republic of Kazakhstan (P14).

2. Representatives of Kazakhstan universities made presentations reflecting the results of the plan for the first year of the project. After the presentations during the discussion, university representatives exchanged experiences on the selected steps of the work plan.

Conclusion - project activities are carried out in accordance with the plan. Responsible teachers were appointed for updating and developing new modules/courses, quality groups were created at universities, university premises are being prepared for equipment procurement.

## Decisions:

Given the speeches described above and the opinions and suggestions of the participants of the project, the following decisions have been made:

1. Each Kazakhstan university should develop a plan to prepare for accreditation procedure of modernized and new curricula/modules at the university level

- Accreditation must be completed until 31.07.2020
- Prepare the accreditation plan, send the plan to the Project Coordinator (P1) and EXO (P5) until 31.01.2020
- Create a document describing the accreditation procedure at the university for the curricula/modules/courses admission to the pilot training (the beginning of pilot training 01.09.2020). Also describe - justify the implementation possibilities of the accreditation at the national level, indicating the timing of such a procedure. Send the document to P1 and P5 until 14.02.2020
- During documents preparation, provide a meeting at the university with the participation of a representatives of the Ministry of Education and Science Republic of Kazakhstan (P14) and employers

2. Develop a work plan for the quality group for 2020. Send the document to P1 and P5 until 14.02.2020

3. Complete the preparation of the university premises for the procurement and installation of equipment. Deadline – 31.03.2020

4. Develop a plan of activities to disseminate information and ensure the sustainability of project results for 2020. Deadline – 14.02.2020

- In the plan of activities organise publications in local and national media, presentations at various conferences held at the university, meetings with students and employers in order to disseminate information and engage in project activities, online publications on social networks, on the university website, etc.

5. Approve the Regulation on the PASO service office creation at the university and create the PASO activities plan for 2020. Send documents to P1 and P5 until 14.02.2020

- In the PASO activities plan, organise (together with the quality group) the creation and dissemination of surveys for students, teachers and other interested in project non-academic partners, such as potential employers, local associations, representatives of industrial enterprises, coordinate the meetings with these partners/target groups to determine their needs and disseminate information on project results
- Provide the necessary activities in each university in to conclude a Bilateral Cooperation Agreement with the employers according to the University-Enterprise Cooperation model
- Provide a report on the provided activities to disseminate information, including information about the training at TU Berlin in August 2019. Send the document to P1 and P5 until 14.02.2020

6. Ensure the availability and updating of project information on the university web pages, including posting a list of modernized and new curricula/modules, which pilot training will begin 01.09.2020

7. Hold a regional meeting with the representatives of the university project working groups and organisations until 31.03.2020 in order to discuss and coordinate the abovementioned activities

8. Schedule online ZOOM conferences for 2020 to improve the exchange of experience between universities and discuss project issues. Organize online ZOOM conferences at least once every 2 months. The first conference with project partners will be held in January-February 2020. Responsible - P5.

Project coordinator: Ismail Tokbergenov  
Project Manager: Arnold Sterenharz