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## New curricula in Precision Agriculture using GIS technologies and sensing data (CUPAGIS)

Erasmus+ 597962-EPP-1-2018-1-EE-EPPKA2-CBHE-JP

### Minutes of the Online Zoom Coordination Meeting

- Date: December 5, 2019
- Participants: Representatives of the project working groups from the Tallinn University of Technology (P1), Djillali Liabes University (P6), Université d'Oran Ahmed Ben Bella (P7), Ibn-Khaldoun University Tiaret (P8), Ecole Nationale Supérieure d'Agronomie (P10), 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. Alexandra Ivanova (EXOLAUNCH) conducted an overview of 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 the target universities.

After the presentation participants of the meeting exchanged views on the main issues of the project, discussed the implementation possibilities of the accreditation at the university and national level, the procedure of the equipment procurement, possible dates of the International BA/MSc Summer Schools 2020 and the next training.

Conclusion – the 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 target university should develop a plan to prepare for accreditation procedure of modernized and new curricula/modules at the national and university level

- Accreditation must be completed until 31.07.2020
  - Describe the procedure of the accreditation at the national level, indicating the timing of the procedure. Send the document to P1 and P5 until 31.01.2020
  - Prepare the accreditation plan, send the plan to the Project Coordinator (P1) and EXO (P5) until 14.02.2020
  - 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). 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 Higher Education and Scientific Research (P11) and potential employers of the graduates.
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 PASENSO Office creation at the university and create the PASENSO activities plan for 2020. Send documents to P1 and P5 until 14.02.2020
    - In the PASENSO 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. Conduct the Summer School 2020 and the training in Precision Agriculture. Participants should fill in the online tables until 01.02.2020 with information about the participants:  
<https://drive.google.com/open?id=1i6bQzSVE9DDTUZSWcVVyDPZxEpzNiABvAmC2fDSAcaw> and  
<https://docs.google.com/spreadsheets/d/1cRsm8UkRJR3iL5jh7ahwwjdKvB1Uo77iQAS1oOLwHls/edit?usp=sharing>

Terms	Hosting university (city, country)	New Modules	Number of participants from each target university
16 -22 July 2020	Summer School 2020 / Czech University of Life Sciences Prague	Will be defined	-1 teacher (more teachers – at university's own expense  -MSc/PhD students (2-3) can participate at university's own expense;
21 – 26 September 2020	Training in Precision Agriculture / Agricultural University of Plovdiv	Will be defined	3 teachers (more participants – at university's own expense)

9. 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 December 2019 - January 2020. Responsible - P5.

List of the participants of the ZOOM online conference:

No	Organisation	Acronym	Name, Surname, Position, Email of Authorized Representatives
P1	Tallinn University of Technology	TTÜ	Tarmo Soomere, Professor of Coastal Engineering <a href="mailto:soomere@cs.ioc.ee">soomere@cs.ioc.ee</a> Anu Green, Student Counsellor <a href="mailto:anu.green@taltech.ee">anu.green@taltech.ee</a>
P6	Djillali Liabes University	UDL	Abdedaim KADOUN, Vice-rector <a href="mailto:akadoun@yahoo.com">akadoun@yahoo.com</a> Miloud CHIKR EL-MEZAOUR, CUPAGIS workgroup member <a href="mailto:chikrelmezouar@gmail.com">chikrelmezouar@gmail.com</a>
P7	Université d'Oran Ahmed Ben Bella	UniOran	Smain Balaska, Vice-rector <a href="mailto:sbalaska@yahoo.com">sbalaska@yahoo.com</a> Yahia LEBBAH, CUPAGIS workgroup member <a href="mailto:ylebbah@gmail.com">ylebbah@gmail.com</a>
P8	Ibn-Khaldoun University Tiaret	UIK	Mohamed MAATOUG, CUPAGIS Coordinator <a href="mailto:maatoug.moh@gmail.com">maatoug.moh@gmail.com</a> Benchohra MAAMAR, CUPAGIS workgroup member <a href="mailto:benchohra_19@hotmail.fr">benchohra_19@hotmail.fr</a> Islem BOUACHA, CUPAGIS workgroup member <a href="mailto:islem2989@yahoo.com">islem2989@yahoo.com</a> Lazreg BENAICHATA, CUPAGIS workgroup member <a href="mailto:Llbb55@yahoo.com">Llbb55@yahoo.com</a>
P10	Ecole Nationale Supérieure d'Agronomie	ENSA	Abdelkader LARIBI, CUPAGIS Coordinator <a href="mailto:laribiabdelkader@hotmail.com">laribiabdelkader@hotmail.com</a>
P5	EXOLAUNCH GmbH	EXO	Arnold Sterenharz, Project Management Director <a href="mailto:arnold.st@ecm-academy.de">arnold.st@ecm-academy.de</a> Alexandra Ivanova, Project Manager <a href="mailto:alexandra.ivanova@ecm-space.de">alexandra.ivanova@ecm-space.de</a> Svetlana Jasic, Project Manager <a href="mailto:svetlana.jasic@ecm-academy.de">svetlana.jasic@ecm-academy.de</a>