### PLANNED PROJECT OUTPUTS

According to the specific project objectives the following tangible outputs and intangible outcomes within the framework of development are planned:

- Analysis and upgrade of the current curricula in the target field according to the recent advances in the target field
- 9 new developed core curricula and 3 transferable modules incl. learning environment: PAL and VCR\*
- Retrained academic teachers in new curricula
- Conducted master classes and pilot teaching/operation of PAL and VCR
- Established joint WEB based platform in full operation
- Established PASO\*\* with stakeholders support



\* Precision Agriculture Lab and Virtual Classroom

\*\* Precision Agriculture Service Office



### CONTACTS

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This project has been funded with support from the European Commission. This publication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein

#### Erasmus+ Joint Project Curricula Reform



# New and Innovative Courses for Precision Agriculture

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Co-funded by the Erasmus+ Programme of the European Union 2018

2019

2020

2021

### WIDER OBJECTIVES

Improve the quality of higher education and enhance its relevance for the labour market and society, the level of competences and skills in HEIs by developing new and innovative education programs; support the modernisation and internationalisation of the HEIs in precision agriculture in the targeted Universities in KZ, TM and UZ through innovation of two cycles curricula

### SPECIFIC OBJECTIVES

- To analyse educational needs in the target field; review the current curricula
- To update current programmes and curricula according to recent advances in the target field by the end of the second project year
- To develop, implement and accredit new practice oriented and student- focused core and transferable curricula and modules including ECTS
- To bring the Higher Education Institutions of Partner Countries closer to the Labor Market



# CONSORTIUM

### **Project Coordinator:**

• S.Seifullin Kazakh Agro Technical University, KZ

#### **EU Partners:**

- Agricultural University Plovdiv, AU
- Czech University of Life Sciences, CZ
- Technische Universität Berlin, DE
- ECM Space Technologies GmbH, DE



### Partner Countries' Organizations:

- S.Seifullin Kazakh Agro Technical University, KZ
- Shokan Ualikhanov Kokshetau State University, KZ
- North Kazakhstan State University Named After Manash Kozybayev, KZ
- Turkmen Agricultural University Named after S.A. Niyazov, TM
- Turkmen Agricultural Institute, TM

# CONSORTIUM

- Turkmen State Architecture and Construction Institute, TM
- National University of Uzbekistan, UZ
- Tashkent University of Information Technologies, UZ
- Tashkent Institute of Irrigation and Agricultural Mechanization Engineers, UZ

### **National Authorities:**

- Ministry of Education and Science, KZ
- The State Inspection for Supervision of Quality in Education, UZ
- Ministry of Education of Turkmenistan, TM

### **Associated Partners:**

- North-Kazakhstan Agricultural Experimental Station, KZ
- National Agrarian Scientific-Educational Centre of the Ministry of Agriculture of the Republic of Kazakhstan, KZ
- Centre of Technologies of Academy of Sciences of Turkmenistan, TM
- State Committee of the Republic of Uzbekistan on Land Resources, Geodesy, Cartography and State Cadastre, UZ

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