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TOPAS in SamVMI: Goals, Achievements and Sustainability in Future

Samarkand Veterinary Medicine
Institute

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Aim of project

Agriculture plays important role in Uzbekistan. Reforms in the sector requires aligned reforms in agricultural higher education.

Project TOPAS aimed to introduce and improve vocationally oriented practical programs based on a learning outcomes and competencies approach at agricultural HEI of Uzbekistan, Ukraine and Armenia.



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*The Samarkand
Institute of Veterinary
Medicine was
established on the basis
of the Samarkand
Agricultural Institute by
the resolution PK-3703
of the President of the
Republic of Uzbekistan
dated 8 May 2018.*

6 faculties

23 academic departments

*21 BA and 13 MA
specialties*

5200 students

470 faculty members





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Activities implemented

Analysed status-quo of internships in Uzbekistan.

Developed necessary documentation about internship placements, agreements, rules of farm data collection, selection tutors, preparing report and evaluation.

Modern teaching methods of EU universities, selected best practices popularised among teachers' staff.





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EU trainings topics

Distance learning methods;

Developing of competence-based curricula;

Alignment of learning outcomes to professional skills demanded by agricultural sector and farm facilities performance;

Application of vocationally oriented teaching materials;

Database development.





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Internships and trainings

6 student mobility's to EU had been carry out.

Two-week practical training program provided for 6 teachers who accompanied students and observe farm management practices in Europe.

The development of internship schemes increased the cooperation between agricultural enterprises and farm industry.

Certificates of participation at international internships provided to the students considered as part of the recognition in their continuous professional career.



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MOOC on production economics

The development of online services (courses via MOOCs) provides access also to farmers and agribusinesses in the surrounding regions of SamVMI.

Operators in agriculture, who have no possibility to sign up for studies in higher education, to acquire new and additional knowledge on farming and farm business.





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Farm Data Management System

*Implementation of ICT tool for supervision and assistance to students at internship period;
Quantitative farm data for comparisons and on-farm planning to regions with difficult access to libraries or governmental sources becomes possible due to the introduced data collections during student placement.*





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Student internship and practices

Training manuals on organization of student internships, marginal revenue sharing, data collection and more in the RegioMAX program developed.

Documentation about internship placements, agreements, rules of farm data collection, selection tutors, report preparation and evaluation.

New schemes of internships and practices introduced to BA curricula.



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Results/ outcomes

Internship schemes and learning outcomes of of BA program 5420100-Management in Agriculture) compared with LO and schemes of European partnes.

Internship programs of BA programs 5420100-Management in Agriculture and 5410200 –Agriculture (food production) are revised according to best European practices.

Learning outcomes modules and subjects on profile of BA programs 5260100-Management in Agriculture and 5410200 –Agriculture (food production) are aligned with job market needs via revised internship programs.



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Results/outcomes

*7 key experts from SamVMi trained at on Teaching Methods (WUC),
Data Base Management at HSWT,
Internship programs and practices at University of Agricultural Sciences and Veterinary Medicine of Iași (Romania),
Internship programs and practices at Wroclaw University of Environmental and Life Sciences (POLAND).*



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Results/outcomes

21 educational videos and MOOCS for Agrarian management has been developed in 4 languages EN, ARM, UA, UZ.

In addition to curricula, German support courses delivered to the students in order to provision of opportunity to provide internship in German farms.

Database tools are developed and implemented



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Results/outcomes

The textbook "Agricultural production economics" of David I. Debertin translated and published.

Handbook "Student placement at agrarian studies - meaning, goals, problems, solutions and examples of best practices", English edition published and disseminated internationally.

Handbook "Student placement at agrarian studies - meaning, goals, problems, solutions and examples of best practices" 132 pages, Uzbek edition published and disseminated locally.



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Results/outcomes

The project provided basic equipment (database server, 10 pcs, printers, copy machine, software) and learning environment with practice based-oriented literature in order to carry out methods of video recording, flipped classroom, peer to peer, etc.

The IT department of HSWT coordinated the effective integration of virtual platform of SamVMI.



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Dissemination

Farm data for sustainable agricultural development in the of Uzbekistan	Farhod Ahrorov	Filling gaps and removing traps for sustainable resource management Tropentag-2019	University of Kassel	Germany
About the methodology of Regio Max program and its practice	Yulda ashev Sherzod	Erasmus+ International Credit Mobility: role in improving quality of education and scientific research.	© National Erasmus+ Office in Uzbekistan,2018	Uzbekistan
Improving the efficiency of internships in agricultural education system (on the example of TOPAS project)	Yulda shev Sherzod	International scientific-practical online conference on "Emergency management and public health research in Asia"	Samarkand institute of veterinary medicine	Uzbekistan
Connection with production through distance learning (on the example of TOPAS project)	Yulda shev Sherzod	International scientific-practical online conference on "Emergency management and public health research in Asia"	Samarkand institute of veterinary medicine	Uzbekistan
Regio MAX dasturi va uning afzalliklari	Mard onov Mamed	International scientific-practical online conference on "Emergency management and public health research in Asia"	Samarkand institute of veterinary medicine	Uzbekistan



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