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**Master in SMART transport and LOGistics
for cities - SMALOG**
585832-EPP-1-2017-1-IT-EPPKA2-CBHE-JP



TOR VERGATA
UNIVERSITÀ DEGLI STUDI DI ROMA



Final Conference of the SmaLog Project (Extra Day)

ERASMUS+ PROGRAMME
Project Number: 585832-EPP-1-2017-1-IT-EPPKA2-CBHE-JP

Master in SMART transport and LOGistics for cities / SMALOG

Final Conference of the SmaLog Project (Extra Day)

O. M. Beketov National University of Urban Economy in Kharkiv, 6th of October 2021,
Kharkiv, Ukraine

Venue: Marshala Bazhanova str. 17, Kharkiv



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1. Project Final minutes

Place: O. M. Beketov National University of Urban Economy in Kharkiv, Marshala Bazhanova str. 17, Kharkiv

on-line: Microsoft Teams, Ukraine time zone link to the conference: <https://cutt.ly/zEA3I3w>
6th of October, Kharkiv, Ukraine

Meeting attendees:

Online Participation

Institution	City	Participant Name
National E+ Officer Ukraine		Svitlana Shytikova

Physical Participation

Institution	City	Participant Name
P3 - O. M. Beketov National University of Urban Economy in Kharkiv - NUUE	Kharkiv	Ihor Biletskyi
		Oleksii Lobashov
		Kateryna Vakulenko
		Maria Olkhova
		Dmytro Roslavtsev
		Yevgen Kush
		Iryna Tkachenko
P4 - Lviv Polytechnic National University – LPNU	Lviv	Andrii Galkin
		Mykola Zhuk
P5 – Zhytomyr Polytechnic State University - ZSTU	Zhytomyr	Volodymyr Kovalyshyn
		Beherskyi Dmytro
		Vasyl Mamray
		Kravchenko Oleksandr
P6 - National Transport University-NTU	Kyiv	Artur Makhno
		Oksana Gulchak
		Yanishevskiy Serhii
		Alisa Shevchenko
P09 - Silesian University of Technology, Poland – SUT	Katowice	Aleksander Sładkowski
P11 - Hochschule Wismar, University of Applied Sciences: Technology, Business and Design – HSW	Wismar	Norbert Gruenwald
Department of Infrastructure in Kharkiv	Kharkiv	Konstantin Turenko
LLC VIA SYSTEM PRO traffic organization design	Kharkiv	Vladislav Korol
Global Track	Kharkiv	Victoria Udovichenko

Kharkiv, 6th of October 2021



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During the meeting, the following topics were covered by the discussion:

- Topic 1: Welcome speech
- Topic 2: Greeting from the representative of the Labor Market, stakeholders
- Topic 3: Presentation of the Transport Systems and Logistics Department (*Prof. Iryna Tkachenko*)
- Topic 4: Presentation of the SmaLog Research Centre of Transport system and Logistics Department NUUE. New opportunities and innovations in NUUE University (*Physical format using laboratory equipment*)
- Topic 6: Guided tour of the NUUE University
- Topic 7: Sum-up (roundtable)

Below for each topic, the main issues discussed, and the actions agreed are reported.

Topic 1: Welcome speech

Prof. Kateryna Vakulenko opened the Conference, welcomed all participants and Introduction the Agenda of the meeting.

Prof. Oleksii Lobashov welcomed all participants and give the word to the Ihor Biletskyi (Director of the Educational and Scientific Institute of Energy, Information and Transport Infrastructure).

Ihor Biletskyi welcomed all participants and thanked for the implementation of the project and the work done. The obtained results in the development and innovation in the field of transport logistics are very important for the development of the city, especially for the city for Kharkiv, because in recent years the city has been developing rapidly. If the graduates of the university do not meet the challenges of the city, then they and the university will lose their competitiveness, so such a powerful experience is extremely necessary for us. Ihor Biletskyi presented the structure of the formation of the Educational and Scientific Institute. He noted that the institute was created according to the infrastructure principle in order to implement the modern challenges of the city. Director of the Educational and Scientific Institute invited the conference participants to see the existing laboratories of the institute.

Dr. Svitlana Shytkova, National E+ Officer Ukraine Svetlana congratulated the Team and conveyed greetings from the National Erasmus + Office, from the Team of experts on higher education reform. Svetlana showed that during the Final Conference they were convinced that thanks to the painstaking work of the project teams, our universities strengthen their positions, united around themselves the community, youth, employers, administration, authorities, and other parties that are interested in the development of higher education and the development of Ukraine. A very important mission of universities is to equip a young specialist with modern, innovative knowledge, competencies, and the necessary technologies for competitiveness in the labour market. All these directions and a systematic approach were presented by the team at the final conference. Svetlana noted that it was very important that during the implementation of the project, teachers and students had the opportunity to gain experience during international study visits, and video clips (Facebook page) with students' experience were an inspiration for other students to learn about the opportunities within the program and the project. at their universities. Svetlana said that the National Erasmus + Office is proud of the results achieved and believes that thanks to the experience gained, a systematic approach to training teachers, a distance



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learning system, established research centres, active cooperation with employers, academic mobility of students and teachers, an international quality assurance system, graduates of the educational and scientific program "Smart Transport and Logistics for Cities" will be able to make our cities more smart. Svetlana noted that while meeting with employers, they heard a lot of positive feedback about universities, the French company provided positive feedback and admiration for NUUE. Representatives of the company noted the active work of the university in the international market and the high-quality training of students. Svetlana expressed her hope for further universities cooperation with employers, their involvement in the educational process, international cooperation and participation in the new challenges of the Erasmus + program.

Svetlana also provided information on the new challenges of the Erasmus + program, opening in October and early November, and encouraged to take part in them. At the end of the speech, Svetlana thanked the team for the fruitful work.

Topic 2: Greeting from the representative of the labour market, stakeholders

Konstantin Turenko (*Deputy Director of the Infrastructure Department of the Kharkiv City Council*) noted that the department actively monitors the implementation of the project and cooperates with the NUUE university in this direction. Today, the *Department of the Kharkiv City Council* is implementing a project for sustainable mobility of the city of Kharkiv. This issue is very important for the city, since the level of transport is growing from year to year and the issues related to this require solutions with the help of specialists who know the latest trends. Dr Konstantin Turenko noted that the software acquired within the framework of the project provides students with knowledge on modeling large-scale projects and individual locations at separate intersections. Therefore, further cooperation will be very beneficial for the city.

Vladislav Korol (*Deputy Director of the LLC VIA SYSTEM PRO traffic organization design*) expressed gratitude for the training of high-quality specialists, thanked the Erasmus + program and SmaLog project. The company has recruited 2 graduates of the SmaLog educational program and is very pleased with them. The city of Kharkiv began to design two-level interconnections (project for sustainable mobility of the city of Kharkiv), the company also participates in this project and just graduates of SmaLog designed a micro model of traffic on a two-level interconnection, thanks to the students' knowledge of the software PTV Vissim/Visum. Dr. Vladislav Korol said that the company will continue cooperation with NUUE and does not plan to stop there.

Victoria Udovichenko (*Director of the Logistics Global Treck company*) thanked for the opportunity to follow the science educational program. She testified that the personnel market is currently in a difficult position, and graduates of the program have the necessary skills, knowledge and competencies to be realized as a professional in the field of logistics.

Topic 3: Presentation of the Transport Systems and Logistics Department (*Prof. Iryna Tkachenko*)

Prof. Iryna Tkachenko presented the stages of development of the Transport systems and logistics Department, the main directions of training bachelors, masters and graduate students. Dr. Iryna Tkachenko presented a list of contracts implemented by the Department, described the international activities and cooperation. Dr. Iryna Tkachenko presented the results of the project, drew attention to the established SmaLog research center.



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Topic 4: Presentation of the SmaLog Research Centre of Transport system and Logistics Department NUUE. New opportunities and innovations in NUUE University (*Physical format using laboratory equipment*)

Within the framework of the meeting, the participants were presented the SmaLog Research Centre of Transport system and Logistics Department NUUE. Prof. Oleksii Prasolenko, Prof. Denis Kopytkov and Dr. Igor Bugayov presented the potential of the SmaLog Research Centre.

Topic 6: Guided tour of the NUUE University

Within the framework of the meeting, the guided tour of the NUUE University was held for the participants. The representatives of the Educational and Scientific Institute of Energy, Information and Transport Infrastructure Departments presented the innovation laboratories and their potential: the laboratory of light design; the Research Center for Lighting Measurements; the laboratory of automated electric drive; the laboratory of electrical systems and networks; the energy innovation hub; the production and treatment of oil and natural gas.

Topic 7: Sum-up (roundtable)

Participants of the meeting discussed the directions of the future collaboration, signing of interuniversity agreements, new ideas for the new projects and possibilities for joint research and publication.

Prof. Oleksii Lobashov gave his opinion regarding the future collaboration and summarize the Sum-up Round table discussion.