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Work Packages 4

System of UA/GE University of SmaLog Teachers' Skills Upgrading: Final Deliverable of the WP Activities

Olga Kunytskaya, NTU
08/06/2021



Summary

- 4.1. International Network for Distance Learning - **completed**
- 4.2. Distance Learning Courses in Advanced SmaLog - **in progress**
- 4.3. UA & GE project academic staff formation - **completed**
- 4.4. Training of 24 UA & GE teachers in EU Universities - **completed**
- 4.5. Annual Training Seminars on SmaLog issues – **completed**
- 5.6. Feedback and Improvement of the Developed System skills upgrading – **started** - [01.06.2021- 29.08.2021](#)

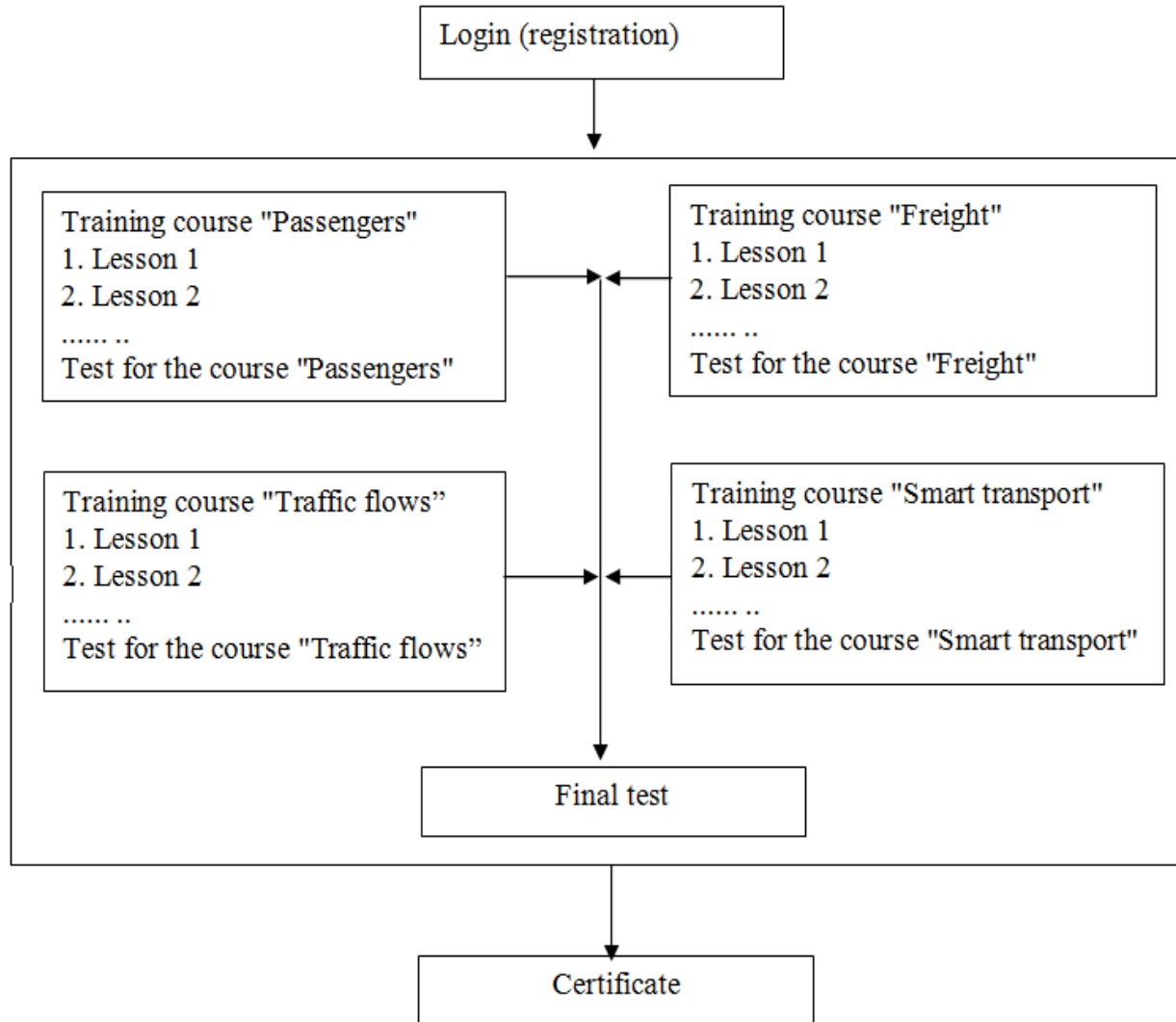


4.1. International Network for Distance Learning

The platform for distance
learning

Course structure
development

Placement of learning
materials

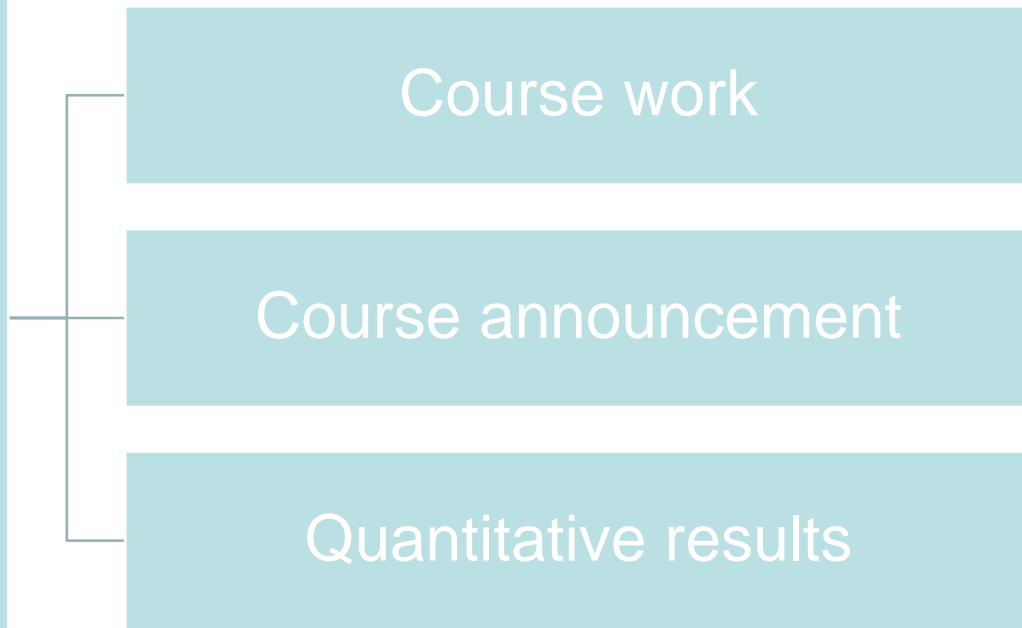




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4.2. Distance Learning Courses in Advanced SmaLog



Объявление
 Мы рады предложить Erasmus Learning Course "SmaLog" - SmaLog, как один из вариантов для вас, чтобы повысить свои навыки в области ИТ и логистики.

Цели курса: Повысить квалификацию в области Smart Transport and Logistics.

Участники: Приглашаются все заинтересованные лица, имеющие опыт в логистике и транспорте.

Условия: Курс будет проводиться в формате онлайн-лекций и практических занятий.

Срок проведения: Курс будет проводиться с 15.09.2020 по 15.10.2020.

Контакты: info@smalog.eu

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SMA LOG

CERTIFICATE

fully completed the Distance Learning Course "SmaLog teachers' skills upgrading" which was developed as part of the project "Smart Transport and Logistics for Cities"

Project reference number - 585673-EPPI-2017-1-1-EPKA2CBHE-IP

Learning outcomes: Competence for solving complex problems in urban smart transport and logistics through the knowledge of best practices, methods and models developed in worldwide cities/regions.

Learning hours: 56 hours (equivalent)

Prof. Antonio Comi
 Rome, 23rd of September 2020

TCI

BATUMI STATE MARITIME ACADEMY
 NEWS ABOUT US MANAGEMENT STUDY FACILITIES STUDENT LIFE CONTACT

March 2020

Mon	Tue	Wed	Thu	Fri	Sat	Sun
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22

distance learning course "WP4 of SmaLog"

14 March 2020 14M
 Since March of this year, Business and Management Faculty of Batumi State Maritime Academy will start distance learning course "WP4 of SmaLog" as a part of the project "Research in Smart Transport and Logistics for Cities". Above mentioned course will be attended by academic personnel and invited teachers.

Ministry of Higher Education



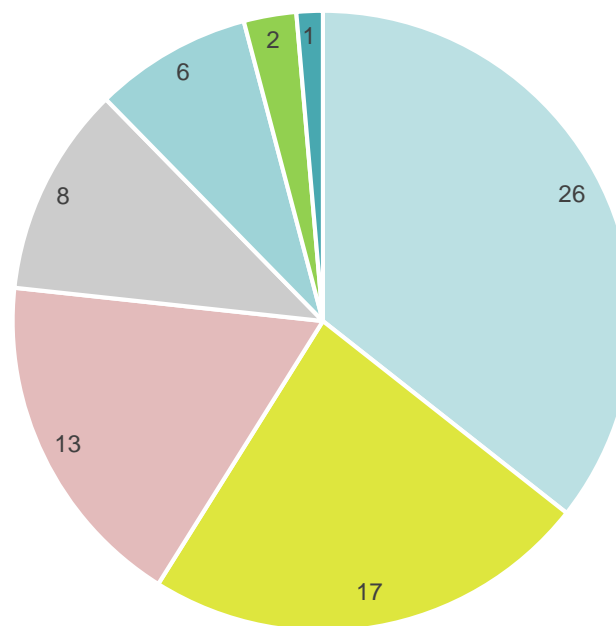
Quantitative results

Number of participants				Successfully passed the test			
Autumn 2020	Spring 2021	June 2021	%	Autumn 2020	Spring 2021	June 2021	%
42	54	73	+35%	24	34	37	+8%



City	Number of participants
Kyiv	26
Kharkiv	17
Batumi	13
Lviv	8
Zhytomyr	6
Tbilisi	2
Zaporizhzhia	1

Number of participants



■ Kyiv ■ Kharkiv ■ Batumi ■ Lviv ■ Zhytomyr ■ Tbilisi ■ Zaporizhzhia



4.3. UA & GE project academic staff formation

General information about training at
European institutions

Academic staff formation in the local
(PC) universities



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4.4. Training of 24 UA & GE teachers in EU Universities

Description of the internship in
European University

Internship publications





Internship publications

University of Rome Tor Vergata (UNITOY)		
Partner number	Organisation name & acronym	Information about the University web-site 2nd Coordination Meeting of the PMC
P3	O. M. Beketov National University of Urban Economy in Kharkiv (NUUE)	http://www.kname.edu.ua/index.php/3592-%D0%B2%D0%B8%D0%BA%D0%BB%D0%B0%D0%B4%D0%B0%D1%87%D1%96-%D0%BA%D0%B0%D1%84%D0%B5%D0%B4%D1%80%D0%B8-%D1%82%D1%80%D0%B0%D0%BD%D1%81%D0%BF%D0%BE%D1%80%D1%82%D0%BD%D0%B8%D1%85-%D1%81%D0%B8%D1%81%D1%82%D0%B5%D0%BC-%D1%96-%D0%BB%D0%BE%D0%B3%D1%96%D1%81%D1%82%D0%B8%D0%BA%D0%B8-%D0%BF%D1%80%D0%BE%D0%B9%D1%88%D0%BB%D0%B8-%D1%81%D1%82%D0%B0%D0%B6%D1%83%D0%B2%D0%B0%D0%BD%D0%BD%D1%8F-%D0%B2-%D1%83%D0%BD%D1%96%D0%B2%D0%B5%D1%80%D1%81%D0%B8%D1%82%D0%B5%D1%82%D1%96-university-of-rome-tor-vergata-%D1%83-%D1%80%D0%B0%D0%BC%D0%BA%D0%B0%D1%85-%D0%BF%D1%80%D0%BE%D0%B3%D1%80%D0%B0%D0%BC%D0%B8-erasmus-ka-2-smalog
P4	Lviv Politechnic National University (LPNU)	http://www.lp.edu.ua/news/2018/vykladachi-kafedry-transportnyh-tehnologiy-u-ramkah-proektu-smalog-provshly-stazhuvannya-v
	Social media	https://www.facebook.com/SmaLog2017/photos/a.1022411351245802/1264487647038170/?type=3&theater https://www.facebook.com/SmaLog2017/posts/1257267417760193?_tn=-R https://www.facebook.com/SmaLog2017/posts/1254643711355897?_tn=-R https://www.facebook.com/SmaLog2017/posts/1254188534734748?_tn=-R https://www.facebook.com/SmaLog2017/posts/1253120874841514?_tn=-R https://www.facebook.com/SmaLog2017/posts/1252462761573992?_tn=-R
Sapienza University of Rome (UNIROMA1)		
Partner number	Organisation name & acronym	Information about the University web-site 2nd Coordination Meeting of the PMC
P3	O. M. Beketov National University of Urban Economy in Kharkiv (NUUE)	http://www.kname.edu.ua/index.php/3577-%D0%B2%D0%B8%D0%BA%D0%BB%D0%B0%D0%B4%D0%B0%D1%87%D1%96-%D0%BA%D0%B0%D1%84%D0%B5%D0%B4%D1%80%D0%B8-%D1%82%D1%80%D0%B0%D0%BD%D1%81%D0%BF%D0%BE%D1%80%D1%82%D0%BD%D0%B8%D1%85-%D1%81%D0%B8%D1%81%D1%82%D0%B5%D0%BC-%D1%96-%D0%BB%D0%BE%D0%B3%D1%96%D1%81%D1%82%D0%B8%D0%BA%D0%B8-%D0%BF%D1%80%D0%BE%D0%B9%D1%88%D0%BB%D0%B8-%D1%81%D1%82%D0%B0%D0%B6%D1%83%D0%B2%D0%B0%D0%BD%D0%BD%D1%8F-%D0%B2-%D1%83%D0%BD%D1%96%D0%B2%D0%B5%D1%80%D1%81%D0%B8%D1%82%D0%B5%D1%82%D1%96-sapienza-university-of-rome-%D1%83-%D1%80%D0%B0%D0%BC%D0%BA%D0%B0%D1%85-%D0%BF%D1%80%D0%BE%D0%B3%D1%80%D0%B0%D0%BC%D0%B8-erasmus-ka-2-smalog
P6	National Transport University (NTU)	http://www.ntu.edu.ua/stazhuvannya-vykladachiv-za-mizhnarodnim-proektom-smalog/
	Social media	https://www.facebook.com/SmaLog2017/posts/1249978948489040?_tn=-R https://www.facebook.com/SmaLog2017/posts/1249597318527203?_tn=-R

Silesian University of Technology (SUT)		
Partner number	Organisation name & acronym	Information about the University web-site 2nd Coordination Meeting of the PMC
P5	Zhytomyr State Technological University (ZSTU)	https://ird.ztu.edu.ua/2018/11/erasmus-smalog-stazhuvannya-vykladachiv-zhdtu-v-universytetah-nimechchvny-i-polshhi/
Hochschule Wismar, University of Applied Science: Technology, Business and Design (HSW)		
Partner number	Organisation name & acronym	Information about the University web-site 2nd Coordination Meeting of the PMC
P4	Lviv Politechnic National University (LPNU)	http://www.lp.edu.ua/news/2018/vykladachi-kafedry-transportnyh-tehnologiy-universyteta-v-ramkah-proektu-smalog-provshly
P5	Zhytomyr State Technological University (ZSTU)	https://ird.ztu.edu.ua/2018/11/erasmus-smalog-stazhuvannya-vykladachiv-zhdtu-v-universytetah-nimechchvny-i-polshhi/
P6	National Transport University (NTU)	http://www.ntu.edu.ua/stazhuvannya-vykladachiv-za-mizhnarodnim-proektom-smalog/
P8	Batumi State Maritime Academy (BSMA)	http://bsma.edu.ge/main/page/1431/index.html?fbclid=IwAR3ufTES_cDm5KmSGOtc5jD1DBghHo4RuGk5jgZWVbeIHtv5fuy2Ov_CUM
	Social media	https://www.facebook.com/SmaLog2017/posts/1245378752282393?_tn=-R https://www.facebook.com/SmaLog2017/posts/1244846625668939?_tn=-R https://www.facebook.com/SmaLog2017/posts/1244018629085072?_tn=-R https://www.facebook.com/SmaLog2017/posts/1243655735788028?_tn=-R https://www.facebook.com/SmaLog2017/posts/1243647999122135?_tn=-R https://www.facebook.com/SmaLog2017/posts/1243037865849815?_tn=-R https://www.facebook.com/SmaLog2017/posts/1243001312520137?_tn=-R



4.5. Annual Training Seminars on SmaLog issues

The First Annual Seminar in 2018

The Second Annual Seminar in
2019



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First Annual Seminar in 2018

- Location and period

13-14 September 2018, Georgia – Batumi, State Maritime Academy.





Topics of the lectures on the First Annual training seminar on SmaLog issue

Topic	Speaker(s)
Model Applications and Transportation Systems Engineering: Some Areas of Application (e.g. Strategic Planning, Feasibility Studies, Tactical Planning, Operations Management Programs)	Prof. Antonio COMI, University of Rome Tor Vergata
Transportation Systems: identification of its components	
Origin-destination matrices and examples of demand surveys	
Elements of transportation system optimization (including basic elements of graph theory)	Prof. Norbert GRUENWALD, Hochschule Wismar Prof. Manfred AHN, Hochschule Wismar
Shortest path search and routing	Prof. Norbert GRUENWALD, Hochschule Wismar Prof. Manfred AHN, Hochschule Wismar
Perspectives of goods delivery in East–West connection	Prof. Aleksander SLADKOWSKI, Silesian University of Technology
To the issue of dissemination of knowledge in the field of logistics in modern scientific publications	Prof. Aleksander SLADKOWSKI, Silesian University of Technology
Demand models and elements of discrete choice models	Prof. Antonio COMI, University of Rome Tor Vergata
Example of demand modelling system (e.g. purchase demand)	
Urban Goods Flow Modelling	Prof. Agostino NUZZOLO, University of Rome Tor Vergata
Transportation supply models (road networks and transit systems – line-based)	Prof. Umberto CRISALLI, University of Rome Tor Vergata
Modelling transportation systems: why and how?	Prof. Agostino NUZZOLO, University of Rome Tor Vergata
Elements of modelling transport – land use interaction	
Elements of models for traffic assignment to transportation networks road networks and transit systems – line-based	Prof. Umberto CRISALLI, University of Rome Tor Vergata



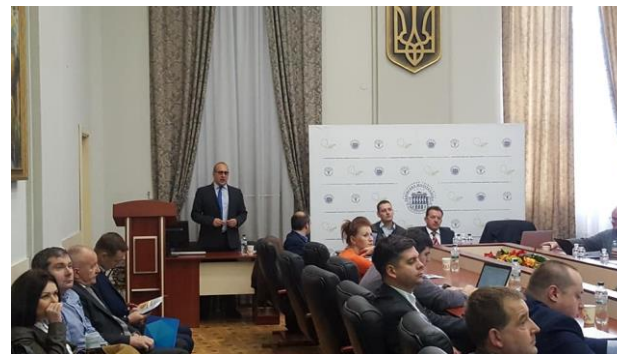
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Second Annual Seminar in 2019

- Location and period

30 – 31 July 2019, Ukraine – Lviv, LVIV POLYTECHNIC NATIONAL UNIVERSITY





Topics of the lectures on the Second Annual training seminar on SmaLog issue

Topic	Speaker(s)
Lecture on Project Management	Prof. Norbert GRUENWALD, Hochschule Wismar
Lecture on Problem solving	Prof. Norbert GRUENWALD, Hochschule Wismar
Lecture on Macroscopic transportation modeling	Dr. Aleksander Sobota Silesian University of Technology
Lecture on Some aspects of modern logistics.	Prof. Aleksander Sladkowski Silesian University of Technology
Lecture on Simplified road safety methodology for infrastructure risk assessment.	Dr. Brayan Gonzalez Sapienza University of Rome
Lecture on An overview of Road Infrastructure Safety Management procedures with a focus on road safety impact assessment.	Dr. Eleonora Meta Sapienza University of Rome
Lecture on Modelling transit systems (part 1)	Prof. Antonio Comi, Prof. Agostino Nuzzolo University of Rome Tor Vergata
Lecture on Modelling transit systems (part 2)	Prof. Antonio Comi, Prof. Agostino Nuzzolo University of Rome Tor Vergata



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4.6. Feedback and Improvement of the Developed System Skills Upgrading

System of UA&GE teachers' skills upgrading is to be analyzed and the improvement of the elaborated systems of teacher's skills upgrading on the basis of the recommendations given by their users is to be made



IMPLEMENTATION PLAN

4.6. Feedback and Improvement of the Developed System Skills Upgrading

Evaluation of feedback on the results of the internship

- by participants from local universities
- by representatives of European universities

Obtaining feedback on the result of passing the Distance learning course

- from those who completed the distance course



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Thank you for your attention!