



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



KA2 - Cooperation for innovation and the exchange of good practices

Capacity Building in Higher Education

Joint project

Master in Smart Transport and Logistics for Cities (SmaLog)

Work Package 5 (DEV)

Methodical, organizational and technical support of SmaLog students' training



23 March 2021
On-line PMC meeting



Plan of Activities

Start 01-04-2018 End 30-09-2021

- 5.1 Study Visit UA&GE part of WG2 to EU Universities
- 5.2 Master students' Research Centre for SmaLog students and teachers
- 5.3 Project web-site, Facebook Page/Group
- 5.4 Project related Teaching Materials
- 5.5 Integrated Transnational Students' Mobility
- 5.6 Current EU methods of students training
- 5.7 Agreements between EU and PC Universities
- 5.8 3rd Conference of the Project Participants





5.2 Master students' Research Centre for SmaLog students and teachers

Planned date: 14.05.2018 – 29.09.2018

Actual date: 13.12.2019 – till...

- ✓ Appropriate equipment for Master Course practical study have to be purchased and installed at PC universities:

Equipment has to be bought during the 1-st half of the Project time – Out of date!

Explanation letter to Project officer.

- List of equipment is determined and approved at each PC University;
- List of updated equipment is approved also by the EACEA;
- Plan of procurement is coordinated and signed at UA Ministry of Education;
- Costs for equipment: **43.235,00 EUR**. Exchange rate - **October 2019**:
 - for UA: **1 EUR = 26,47308 UAH**
 - for GE: **1 EUR = 3,2634 GEL**

http://ec.europa.eu/budget/contracts_grants/info_contracts/infoeuro/index_en.cfm





Equipment costs report (on date 23.03.2021)

№	Institution	Country	Equipment costs according to original application, EUR	Upgraded equipment costs, EUR	Purchased equipment		Percent of money spent	Balance, EUR
					UAH/GEL	EUR*		
1	NUUE	Ukraine	43235,00	43098,55	1155002,48	40947,79	95%	2287,21
2	LPNU	Ukraine	43235,00	43164,00	-	23924,00	55%	N/A
3	ZPSU	Ukraine	43235,00	43235,00	1.203.806,13	43242,57	100%	-7,59
4	NTU	Ukraine	43235,00	43140,00	933 570,34	33434,00	77%	9801,00
5	GTU	Georgia	43235,00	no changes	N/A	N/A	N/A	N/A
6	BSMA	Georgia	43235,00	no changes	N/A	N/A	N/A	N/A

* - before October 2019 Exchange rate was 1 EUR = 31,08538 UAH 1 EUR = 2,9813 GEL

** - from October 2019 Exchange rate is 1 EUR = 26,47308 UAH 1 EUR = 3,2634 GEL



Reporting documents for equipment purchase within each tender:

1. Agreement on purchase – two columns ENG and UA/GE or UA/GE + certified translation into ENG;
2. Invoice(s) – from equipment supplier;
3. Bank Statement(s) – for evidence of costs transfer (from Treasury Service in UA);
4. Three quotations from different suppliers;
5. Documentation on the tendering procedure – protocol on tender carrying out;
6. Inventory List – proof that equipment is recorded in the inventory of the institution;
7. Certificate on equipment conditions and operation (**new**).
8. Photo of installed equipment with Erasmus+ Logo stickers (**new**).

All the document in UA/GE should be translated into ENG.



5.4 Project related Teaching Materials

02.04.2018 – 30.08.2020

- ✓ Teaching materials for Master course study will be elaborated and published, also at the Website, Facebook Page/Group:
 - Overall content - TM should correspond to appropriate direction:
 - Passenger Transportation;
 - Freight Transportation;
 - Traffic Flows;
 - Intelligent Transport Systems.



- Formation of authors' teams:

PASSENGER TRANSPORTATION:

Silesian University of Technology (PL) –P9, Lviv Politechnic National University–P4, Zhytomyr Polytechnic State University–P5, Georgian Technical University–P7.

FREIGHT TRANSPORTATION:

University of Rome Tor Vergata (IT)-P1, O. M. Beketov National University of Urban Economy–P3, Lviv Politechnic National University–P4, Batumi State Maritime Academy–P8.

TRAFFIC FLOWS:

University of Applied Sciences Technology, Business and Design (DE)-P11, Zhytomyr Polytechnic State University–P5, National Transport University–P6, Batumi State Maritime Academy–P8.

SMART TRANSPORT:

University of Rome Tor Vergata (IT) -P1, University of Rome “Sapienza” (IT)–P2, O. M. Beketov National University of Urban Economy–P3, National Transport University–P6, Georgian Technical University–P7.



- Content of materials: elaborated by NUUE for UA partners.
- Kind of TM – joint manual.

Additionally: *each PC University can add Guideline for exercises; Guideline for graphically calculated work*

- Content of materials - elaborated by NUUE for UA partners.
- Form of our materials – e-version and printed version.

TM will be elaborated and published as e-version and printed (limit edition).

- Costs for Development and Printing – by co-financing.
- Language of the manual: Ukrainian
- Readiness of materials: **1 April ???**



5.5 Integrated Transnational Students Mobility

01.05.2018 – 30.12.2018

✓ Appropriate base for Transnational Students Mobility will be created based on rules of Erasmus+ programme
Mobility:

- Regulations on Students study, training at higher educational establishments abroad.

- Decree on nomination a person at the Faculty or Department responsible for realization of academic aspects related to students study abroad:

participation in Selection Committee;

preparation of administrative documents before mobility;

support of connection with a student during mobility;

formalization of the documents (recognition of ECTS) after student's return.



5.6 Current EU methods of students training

01.10.2018 – 31.08.2019

- ✓ New advanced methods of Master students training will be introduced at Partner countries Universities:
 - On the basis of PC teaching staff training at EU side, participation in training seminars obtained methodology should be introduced into study process at PC universities .
 - New methods should be described in education-scientific or education-professional programs.
 - Guide for teachers on the modern EU based methods of students' training:
 - Content: elaborated by ZPSU for UA & GE partners
 - Collection of materials: **1 April 2021**
 - Guide publishing: **20 April**



5.7 Agreements between EU and PC Universities

01.01.2019 – 31.08.2019

- ✓ Agreement among participating Universities for possible Double Degree Diploma and joint Diploma Supplement will be signed between UA and GE Universities:

Template of the Agreement.

- Work in progress.



5.8 3rd Conference of the Project Participants

13.01.2020 – 19.01.2020

- ✓ 3rd Conference of the Project Participants together with 5th PMC Meeting - Kyiv Spring 2020. – **Cancelled (on-line)**

The aim is to finalize the details of project and preparation to Master Theses' development and defense.