Consortium

University of Rome Tor Vergata, Italy
www.uniroma2.it

Sapienza University of Rome, Italy
www.uniroma1.it

O.M. Beketov National University of Urban Economy in Kharkiv, Ukraine
www.kname.edu.ua

Lviv Polytechnic National University, Ukraine
www.lpnu.ua

Zhytomyr Polytechnic State University, Ukraine
www.ztu.edu.ua

National Transport University, Ukraine
www.ntu.edu.ua

Georgian Technical University, Georgia
www.gtu.ge

LEPL Teaching University-Batumi State Maritime Academy, Georgia
www.bsma.edu.ge

Politechnika Slaska, Poland
www.polsl.pl

Institute of Market Problems and Economic&Ecological Research of the National Academy of Sciences of Ukraine, Ukraine
www.impeer.in.ua

Hochschule Wismar, Germany
www.hs-wismar.de

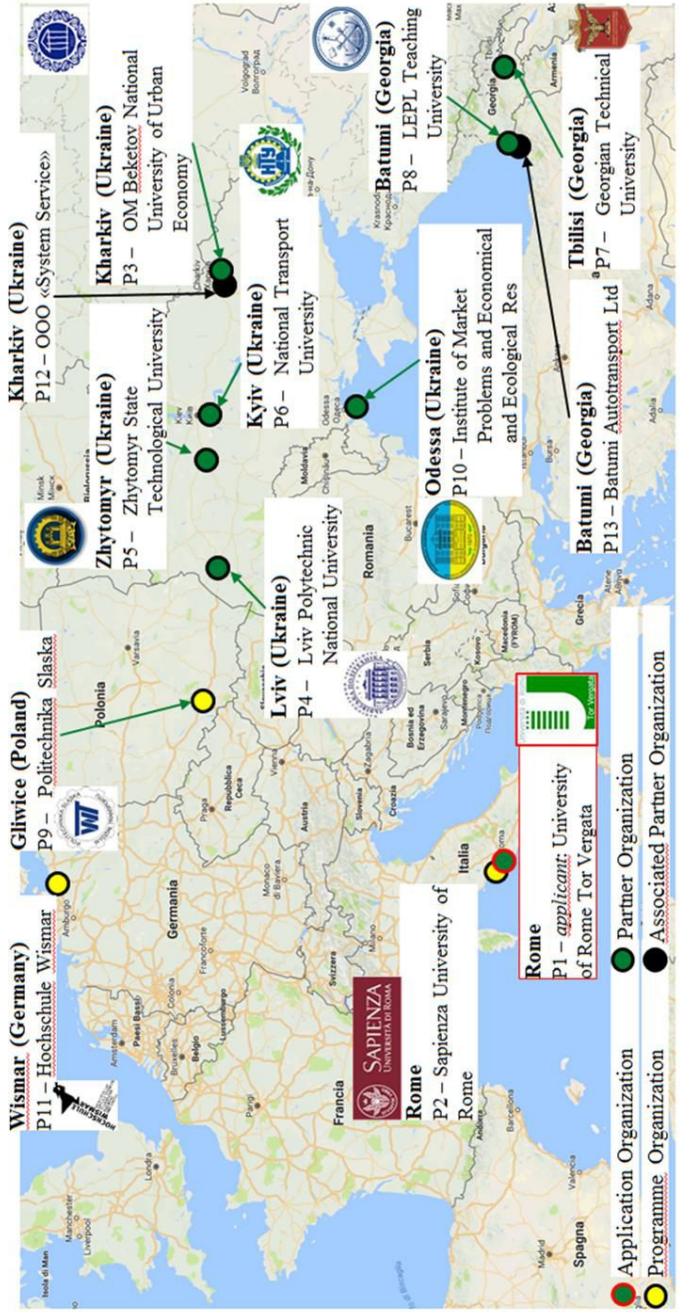
Contacts

www.smalog.uniroma2.it

info@smalog.uniroma2.it

https://www.facebook.com/SmaLog2017/

https://twitter.com/smalog2017



Project Coordinator

University of Rome Tor Vergata, Italy

Project Local Coordinator

O.M. Beketov National University of Urban Economy in Kharkiv, Ukraine

University of Rome
Tor Vergata
Department of Enterprise Engineering

SmaLog

Master in Smart Transport and Logistics for Cities

KA2 - Cooperation for innovation and the exchange of good practices

Capacity Building in Higher Education

Joint project

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

The rationale of SmaLog

Mobility is in transition. The combined development of different emerging technologies (e.g. Internet of Things, Big Data, Blockchain and Artificial Intelli-gence) boost innovations in Smart Passenger and Goods Mobility. The increas-ing pressure on achieving societal goals within the transport sector (e.g. re-ducing traffic emission, improving traffic safety, reducing congestion) will be one of the main drivers for the development of Smart Transport and Logistics, in particular in cities where more than 50% of the world population lives.

There are still many challenges for implementing smart mobility, and among the other as pointed out by the European Parliament in identifying the impact of emerging ICTs, to what extent this potential will be materialized depends on its design and management by public authorities as well as by the compe-tence of experts in such a field.

SmaLog aims to reform and adequate the academic paths for supporting ex-ploitation and dissemination of smart transport culture, including the over-coming of the limits of current scientific research and limited international relationships in involved partner countries.

In **SmaLog Consortium**, 11 research institutions, 4 from EU, 5 from UA and 2 from Georgia have been collaborating to:

- develop and test Masters (120/90 ECTS) in GE and UA;
- support local universities in defining and delivering the Masters;
- support the implementation laboratories dedicated to smart urban transport and logistics, in local universities;
- disseminate through the newsletters, events, workshops, seminars the importance of research in urban transport and logistics exploiting the new technologies;
- set up national coordinated networks of HEIs, public bodies, private com-panies and NGOs involving them in the wider European network of re-search centers on smart urban transport and logistics.

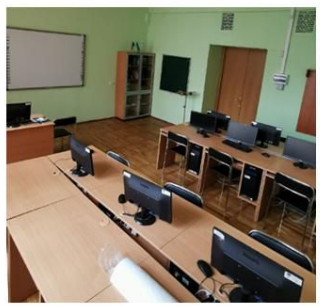
Therefore, starting from this consideration, **SmaLog** aims to **strengthen** the role of **research** in managing smart transport and logistics in cities on an evidence-base in Ukraine and Georgia, and thus to **transfer** to Ukraine and Geor-gia the most recent **knowledge** and good practices developed in Europe as well as worldwide in the field of smart mobility.

SmaLog laboratories

- laboratories to support both training and research in smart transport and logistics for cities

- one laboratory for each of the 6 Universities

- equipment: computers included screens, projector, printers, tools for transport system simulations, traffic counts, noise level detection, drivers' behavior detection

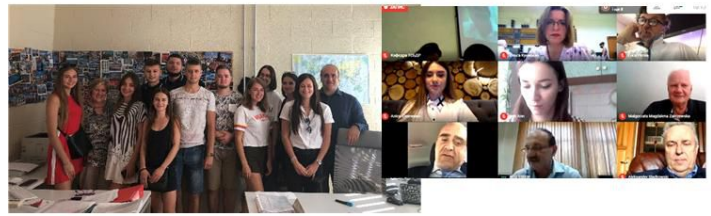


Achievements

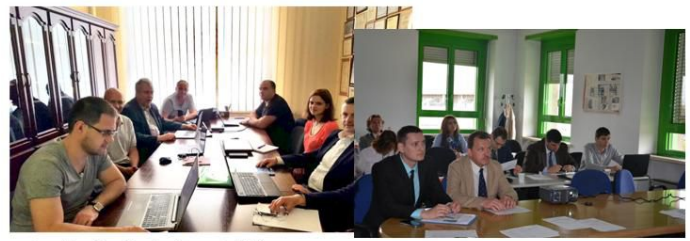
- 69 graduated students (2018-2020) in the 2 first Master editions

- 20 master theses under the supervision of EU and PC experts and from the industry sector

- 66 students studied at EU universities
- one full semester for learning and training activities



- 51 PC academics visited EU universities



- technical visits at EU universities and companies