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**«Innovative Master Courses Supporting the
Improvement of the Energy and Carbon
Footprint of the Ukrainian Building Stock»**

UKRENERGY

***Study Visit
for needs analysis***

***27 June –30 June 2023
Slovak University of Technology in Bratislava
(STUBA)***

***Faculty of Civil Engineering's building,
Radlinského 11, Bratislava***

UKRENERGY project

Overview

Project aims:

UKRENERGY project is promoted by European Commission in the frame of the Erasmus+ programme, Key Action 2, aimed at fostering the “Capacity Building in Higher Education (CBHE)” of the Partner Countries external to the European Union Member States.

UKRENERGY pursues the main objective to promote teaching and learning excellence in Ukraine in line with the Bologna Process principles.

The specific project objectives focus on:

- Designing new Master Courses on Energy Sustainability in Buildings matching labour market demand.
- Enhancing the expertise of UA teaching staff to direct the teaching offer towards problem solving of energy and building renovation issues.
- Spreading and fostering the knowledge towards the European Green Deal and the requirements set by EU 2030.

The UKRENERGY project has had its own kick-off during the meeting hosted by University of Genova as coordinating institution 18th - 21st April 2023, with the participation of all the Partner Institutions from Ukraine, Italy, Poland and Slovakia.

The study visit hosted by Slovak University of Technology in Bratislava is aimed at enhancing the harmonization of academic approaches and stake-holders’ engagement for developing the new Courses.

During the Bratislava event the Ukrainian teaching staff will have the opportunity to check with the Slovak teaching staff their needs analysis and the academic framework assessment of the Ukrainian Universities.

Study Visit expected results

- Ukrainian Universities have an understanding on how to develop the new Master Study Programme in the framework of their teaching offer
- Ukrainian Universities have an understanding on how to exploit the Member States’ Universities expertise and consolidated academic background

Study Visit

Tuesday 27th June 2023	
Faculty of Civil Engineering 's building, Radlinského 11, C202, 2 nd floor	
Meeting point at 09:00, Building of Faculty of Civil Engineering, Imricha Karvaša street, Main entrance	
09:00 - 09:30	<ul style="list-style-type: none"> ▪ Arrival and Registration of the participants
09:30 - 10:00	<p>WELCOME SESSION</p> <ul style="list-style-type: none"> ▪ Meeting presentation and welcome speech by the UKRENERGY project manager at STUBA prof. Štefan Stanko, PhD. ▪ Institutional greetings by the STUBA Faculty of Civil Engineering Dean 's delegate
10:00 - 12:45 (incl. break)	<p>First set of presentation (ppt format, max 15 min. each) of the Ukrainian partnership on Needs Analysis on country, regional and institutional level.</p> <ul style="list-style-type: none"> • P01 SAEU UA Guidelines in the field of Energy Efficiency in Buildings • P02 KNUCA – Energy Needs of the Building Stock - Kiev Region, Institutional Needs and Stakeholder's survey • P03 OSACEA - Energy Needs of the Building Stock - Odessa Region and Institutional Needs • P04 PSACEA - Energy Needs of the Building Stock - Dnipro Region and Institutional Needs • P05 LPNU - Energy Needs of the Building Stock - Lviv Region and Institutional Needs • P06 NTU Institutional Needs • P07 ONEU Institutional Needs • P08 USUCT Institutional Needs • P09 LNEU Institutional Needs • Discussion
12:45 - 14:00	Free lunch break
14:00 - 17:30	<p>ACADEMIC DIMENSION OF THE STUDY VISIT</p> <ul style="list-style-type: none"> ▪ MSc. study programme Building Services (prof. Dušan Petráš) ▪ Indoor air quality and thermal comfort in buildings (Assoc. Prof. Michal Krajčík)
17:30 - 17:35	Summing-up

Wednesday 28th June 2023

Faculty of Civil Engineering 's building, Radlinského 11, C202, 2nd floor

Meeting point at 08:50, Building of Faculty of Civil Engineering, Imricha Karvaša street, Main entrance

09:00 - 09:30	▪ Arrival and Registration of the participants
09:45 - 12:45 (incl. break)	ACADEMIC DIMENSION OF THE UKREENERGY PROJECT ▪ Energy Audit of Buildings (prof. Dušan Petráš) ▪ Energy Certification of Buildings (Assoc. Prof. Michal Krajčík)
12:45 - 14:00	Lunch break
14:00 - 17:30	ACADEMIC DIMENSION OF THE UKREENERGY PROJECT ▪ Energy retrofitting of buildings (prof. Dušan Petráš) ▪ Case study – energy retrofit of a house, part I (Ing. Anna Predajnianska)
17:30 - 17:35	Summing-up
TO BE DEFINED	Group Photo(s)

Thursday 29th June 2023

Faculty of Civil Engineering 's building, Radlinského 11, C1307, 13th floor

Meeting point at 08:50, Building of Faculty of Civil Engineering, Imricha Karvaša street, Main entrance

09:00 - 09:30	<ul style="list-style-type: none">▪ Arrival and Registration of the participants
09:30 - 12:45 (incl. break)	<p>ACADEMIC DIMENSION OF THE UKRENERGY PROJECT</p> <ul style="list-style-type: none">▪ Academic session with prof. Štefan Stanko, prof. Ivona Škultétyová, Dr. Jaroslav Hrudka, Dr. Réka Wittmanová▪ Urban Heat Island Reduction▪ Green roofs efficiency - Excursion
12:45 - 14:00	Lunch break
14:00 - 17:30	<ul style="list-style-type: none">▪ Online Coordination Meeting with representatives of Member States partners and absent UA partners via MS Teams.▪ Carbon footprint evaluation▪ Energy efficiency of waste management infrastructure
17:30 - 17:35	Summing-up

Friday 30th June 2023

Faculty of Civil Engineering 's building, Radlinského 11, C202, 2nd floor

Meeting point at 08:50, Building of Faculty of Civil Engineering, Imricha Karvaša street, Main entrance

09:00 - 09:30	<ul style="list-style-type: none">▪ Arrival and Registration of the participants
09:45 - 12:45 (incl. break)	<p>ACADEMIC DIMENSION OF THE UKRENERGY PROJECT</p> <ul style="list-style-type: none">▪ Case study – energy retrofit of a house, part II (Ing. Anna Predajnianska)▪ Nearly Zero Energy Buildings (Assoc. Prof. Michal Krajčík)
12:45 - 14:00	Lunch break
14:00 - 17:00	<p>ACADEMIC DIMENSION OF THE UKRENERGY PROJECT</p> <ul style="list-style-type: none">▪ Academic session with prof. Štefan Stanko, prof. Ivona Škultétyová, Dr. Jaroslav Hrudka, Dr. Réka Wittmanová▪ The use of Life Cycle Assessment in the field of Civil Engineering▪ Water distribution and energy saving
17:00 - 17:05	Summing-up

UKRENERGY project Consortium

N°	Official Name (acronym)	Country
P01	UNIVERSITA' DEGLI STUDI DI GENOVA, Coordinator (UniGe)	IT
P02	KYIV NATIONAL UNIVERSITY OF CONSTRUCTION AND ARCHITECTURE (KNUCA)	UA
P03	ODESSA STATE ACADEMY OF CIVIL ENGINEERING AND ARCHITECTURE (OSACEA)	UA
P04	PRYDNIPROVSKA STATE ACADEMY OF CIVIL ENG. AND ARCHITECTURE (PSACEA)	UA
P05	LVIV POLYTECHNIC NATIONAL UNIVERSITY(LPNU)	UA
P06	NATIONAL TRANSPORT UNIVERSITY (NTU)	UA
P07	ODESSA NATIONAL ECONOMIC UNIVERSITY (ONEU)	UA
P08	UKRAINIAN STATE UNIVERSITY OF CHEMICAL TECHNOLOGY (USUCT)	UA
P09	LVIV NATIONAL ENVIRONMENTAL UNIVERSITY (LNEU)	UA
P10	STATE AGENCY ON ENERGY EFFICIENCY AND ENERGY SAVING OF UA (SAEE)	UA
P11	AGH UNIVERSITY OF SCIENCE AND TECHNOLOGY IN KRAKOW (AGH-UST)	PL
P12	UNIVERSITA DEGLI STUDI DELLA CAMPANIA LUIGI VANVITELLI (UNICAM)	IT
P13	SLOVAK UNIVERSITY OF TECHNOLOGY IN BRATISLAVA (STUBA)	SK
P14	<i>UNIVERSITÀ DEGLI STUDI DI NAPOLI PARTHENOPE (UNIPARTH)</i>	<i>IT</i>
P15	<i>NATIONAL UNIVERSITY OF WATER AND ENVIRONMENTAL ENGINEERING (NUWEE)</i>	<i>UA</i>

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