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UKREENERGY



V: Università
degli Studi
della Campania
Luigi Vanvitelli

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

UKREENERGY

***Study Visit
for needs analysis***

25 - 28 March 2024

***University of Campania Luigi Vanvitelli
(UNICAM)***

***Centro residenziale e studi (CRS) - Scuola
Nazionale dell'Amministrazione Caserta, Corso
Trieste - n. 2***

UKRENERGY project

Overview

Project aims:

to establish and implement new Master Courses on "Energy Efficiency, Building Retrofitting and Energy Planning" in Ukrainian Universities; to promote best practices in the terms of educational methodologies and specific knowledge related to the energy efficiency and sustainability of buildings. Three are the specific objectives:

1. Curricular development tailored to labour market requirements and enable to support the employability expectations of graduates by training them with up-to-date methodologies in the field of energy sustainable buildings. The new study programmes (SPs) will be implemented with different training directions according to the local needs. SPs will start in the 3rd project year with the completion of the 1st academic year. The development process will be completed by updating of didactical laboratories and new teaching aids materials to publish jointly between UA and EU teachers.

2. Links university-enterprises: to develop a networking system among Ukrainian Universities and stakeholders to remedy to the currently fragmented scientific background in Energy Efficiency and Sustainability and to the lack of distribution of knowledge, expertise, info and data.

3. An "EU - Ukraine Green Deal Network" will be officially established, to enhance in tangible and actual terms the leading role of Higher Education Institutions in policies related to Energy Efficient and Sustainable Buildings, keeping into due account both the requirements set by UN 2030 Agenda. UKRENERGY will also spread and promote UA awareness related to the EU policies referred to Sustainable and Energy Efficient Buildings and to enhance the approach towards EU best practices.

Main beneficiaries of the outputs will be UA Sr. teaching and Jr. teachers and assistants, final year students / new graduates and students to enrol to the new Master Courses.

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

Monday 25 th March 2024	
Centro residenziale e studi (CRS) - Scuola Nazionale dell'Amministrazione Caserta, Corso Trieste - n. 2	
Meeting point – <i>Entrance of Centro residenziale e studi (CRS)</i>	
09:00 - 09:30	<ul style="list-style-type: none"> ▪ Arrival and Registration of the participants
09:30 - 10:15	<p>WELCOME SESSION</p> <ul style="list-style-type: none"> ▪ Meeting presentation by the UKRENERGY project manager ▪ Institutional greetings by Prof. Vincenzo Nigro, Rector's Delegate for Teaching ▪ Greetings by the Ukrainian Partners - KNUCA representative
10:15 – 10:45	<ul style="list-style-type: none"> ▪ Administrative organization for International Activities at UniCampania
10:45 – 11:00	<ul style="list-style-type: none"> ▪ Break
11:00 - 12:45	<p>UKRENERGY PROJECT</p> <ul style="list-style-type: none"> ▪ University Degrees at Engineering Department, Development Degree and Organization of courses: How the Course works and how the course is arranged; Prof. Sergio Nardini, Erasmus Coordinator at Engineering Department, UNICAM...
12:45 - 14:00	Lunch break
14:00 - 17:30	<ul style="list-style-type: none"> ▪ Courses at Engineering Department of interest in UKRENERGY; Prof. Oronzio Manca, Head of Polisciba PhD School, UNICAM
17:30 - 17:35	Summing-up

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Study Visit, 24 - 29 March 2024

Tuesday 26th March 2024	
Centro residenziale e studi (CRS) - Scuola Nazionale dell'Amministrazione Caserta, Corso Trieste - n. 2	
Meeting point – <i>Entrance of Centro residenziale e studi (CRS)</i>	
09:00 – 10:00	<ul style="list-style-type: none"> ▪ Welcome from Engineering Department; Prof. Alessandro Mandolini, Head of Engineering Department, UniCampania ▪ Administrative Organization of UniCampania and Engineering Department; Dr. Massimo Manna, Engineering Department, UniCampania, Chief of Administrative Office
10:00 - 10:45	<ul style="list-style-type: none"> ▪ Innovative Teaching and Learning tools in Higher Education. Experiences from RES4CITY and SHERLOCK projects; Prof. Vincenzo Bianco, UniParthenope
10:45 – 11:00	<ul style="list-style-type: none"> ▪ Break
11:00 - 12:45	<ul style="list-style-type: none"> ▪ The role of Gamification in Higher Education. The concrete example of the Energy Community Game; Prof. Vincenzo Bianco, UniParthenope
12:45 - 14:00	Lunch break
14:00 - 17:30	<ul style="list-style-type: none"> ▪ Some examples for Energy retrofitting in building: Solar chimney and Thermal energy storage systems UKRENERGY; Prof. Oronzio Manca, Head of Polisciba PhD School, UNICAM
17:30 - 17:35	Summing-up

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Wednesday 27th March 2024	
Centro residenziale e studi (CRS) - Scuola Nazionale dell'Amministrazione Caserta, Corso Trieste - n. 2	
Meeting point – <i>Entrance of Centro residenziale e studi (CRS)</i>	
09:00 – 10:45	<ul style="list-style-type: none"> ▪ Energy certification; Prof. Sergio Nardini, Erasmus Coordinator at Engineering Department, Unicampania ▪ Life Cycle Assessment (LCA); Prof. Sergio Nardini, Erasmus Coordinator at Engineering Department, Unicampania
10:45 – 11:00	▪ Break
11:00 - 12:45	▪ Development of UKREENERGY Master Programs. Updates on the current status; Prof. Vincenzo Bianco, UniParthenope
12:45 - 14:00	Lunch break
14:00 - 17:30	▪ UKREENERGY Equipment acquisition. Discussion on the partnership proposals; Prof. Vincenzo Bianco, UniParthenope
17:30 - 17:35	Summing-up

UNICAM is pleased to invite as guests the UKREENERGY partners for a Social Dinner 20:00 – 22:00
Antica Hostaria Massa Via Giuseppe Mazzini, 55, 81100 Caserta CE

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Thursday 28th March 2024	
09:00 – 09:15	▪ Arrival of the Participants
09:15 - 10:45	▪ Visits of relevant laboratories; Proof. Manca/Nardini
10:45 – 11:00	▪ Break
11:00 - 12:45	▪ Visits of relevant laboratories; Proof. Manca/Nardini
12:45 - 14:00	Lunch break
14:00 - 17:00	▪ Meetings with researchers of the Department of Engineering of UniCampania; Proof. Manca/Nardini
17:00 - 17:30	Closure

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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	UNIVERSITÀ DEGLI STUDI DI NAPOLI PARTHENOPE (UNIPARTH)	IT

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