



Co-funded by  
the European Union

# NEWSLETTER #2

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DECEMBER 2024



## About the Project

The project brings together a consortium of leading universities and institutions from Spain, Italy, Cyprus, Albania, and Kosovo, with a shared goal of modernizing curricula in Renewable Energy Technologies (RETs) and Energy Efficiency (EE) applied to the building sector. Led by the University of Castilla-La Mancha (UCLM), the initiative addresses the pressing need to improve energy performance in Western Balkan countries and transition towards cleaner, more sustainable energy sources.

## Project Purpose

### **Advancing Renewable Energy Technologies and Energy Efficiency in Engineering and Architecture Education**

This project, co-funded by the European Union, focuses on advancing Renewable Energy Technologies (RETs) and Energy Efficiency (EE) in engineering and architecture education. The aim is to modernize curricula, particularly in the building sector, by updating at least 25 modules, including the development of 5 new ones, across five higher education institutions in the Balkans. Aligned with the strategic priorities of the partner countries, this initiative addresses key global challenges such as climate change, CO2 emissions reduction, and energy security enhancement. By equipping students and faculty with cutting-edge knowledge in RETs and EE, the project seeks to foster innovation and environmental solutions, ensuring that future professionals can lead in these critical areas.



## OUR PARTNERS



A training that introduces and familiarizes students, future professionals, with the latest innovations and developments of a practical nature and provides them with the relevant training certificate.

**This time the training focused on:**

**Annual training  
organized by  
the Professional  
College of Tirana  
and the National  
Ozone Unit for KPT  
students**

**1**



The legal framework in the field of air conditioning refrigerants.



Licensing in the field of air conditioning refrigerants.

## OUR PARTNERS





## Annual training organized by the Professional College of Tirana and the National Ozone Unit for KPT students

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In this context, to create efficient synergies, this year the students had the opportunity to get to know the new project, where KPT is a partner: Fostering Renewable energy technologies and energy Efficiency knowledge towards near Zero Energy Buildings of engineers and professionals in Western Balkan Countries – ReZEB

## OUR PARTNERS



In an era marked by growing energy demands and urgent environmental challenges, the reZEB Project continues to play an active role in fostering dialogue and innovation in energy efficiency. As proud partners in this initiative, we were delighted to co-host the forum **“Energy Efficiency, Trends, and Technology”** in **Tirana, Albania**, in **June 2024**.

**Mimoza Vokshi** (NOU) shared insights into the training and certification of refrigeration and air conditioning (RAC) technicians, while encouraging input from participants on the national legislative consultation process.

**Ilir Palushi** (KPT lecturer and sector expert) presented an overview of Fluorinated Gas (F-gas) legislation, assessing its implications for businesses and highlighting alternatives to high-GWP HFCs. He focused on emerging technologies that promote energy efficiency within the RAC & HVAC industries.

**Kristina Gjoka** (ERA) provided an update on national and EU energy efficiency policies targeting the residential and public building sectors.

The forum was an excellent opportunity for knowledge exchange, networking, and strengthening synergies among academia, government bodies, and industry professionals. We extend our sincere thanks to all participants for their valuable contributions, and a special appreciation to MSc. Ilir Palushi for his outstanding dedication and leadership in organizing the forum.

## Annual training organized by the Professional College of Tirana and the National Ozone Unit for KPT students

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## OUR PARTNERS





Location: IBC-M Campus, Mitrovica, Kosovo

The third consortium meeting of the reZEB Project brought together regional partners to discuss **progress** and **future steps** in advancing renewable energy technologies and energy efficiency in higher education. Over three days, the consortium reviewed project management updates, curriculum modernization efforts, quality assurance measures, and dissemination strategies.

A dedicated workshop in Kosovo highlighted innovations in energy-efficient buildings, with expert sessions on **bioclimatic architecture** and **solar energy systems**. The event, hosted by IBC-M, reinforced strong collaboration among academic and industry stakeholders, strengthening the project's impact across the Western Balkans.

## 3rd Consortium Meeting of the reZEB Project – A Step Towards Energy Efficiency in the Western Balkans!

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## OUR PARTNERS



On the 7th of October **UNI Universum International College** hosted the Orientation Week. During the event, the Projects Office at UNI took the opportunity to present their exciting ongoing projects (including reZEB project) to the new students.

## Orientation week at UNI Universum International College

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NOVEMBER 2024



## IBCM Strengthen University-Industry Cooperation In Renewable Energy Through The reZEB Project

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As part of the Erasmus+ reZEB Project, IBCM organized an education and training event aimed at enhancing collaboration between researchers, innovators, and industry professionals. The event provided a platform for discussions on modernizing academic curricula, strengthening university-industry partnerships, and advancing sustainable energy solutions.



## OUR PARTNERS



### Modernized Academic Programs –

Participants were introduced to updates in IBC-M's syllabi, ensuring alignment with the latest developments in renewable energy and Near Zero Emission Buildings (NZEBS). These improvements aim to equip students with the necessary knowledge and skills to meet the growing demands of the sector.

### Bridging Academia and Industry –

The focus group explored opportunities for collaboration between universities and businesses, emphasizing the importance of specialized training programs, joint research initiatives, and industry-led projects to foster innovation in energy efficiency.

### Technology Transfer and Innovation –

Discussions centered on the role of universities in facilitating technology transfer, ensuring that academic research translates into practical, real-world applications. Participants highlighted the importance of integrating industry needs into academic programs to drive advancements in sustainable energy solutions.

## IBCM Strengthen University-Industry Cooperation In Renewable Energy Through The reZEB Project

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By hosting such initiatives, IBCM reaffirms its commitment to fostering innovation, sustainability, and stronger industry engagement in renewable energy education. The insights and strategies discussed during this event will continue to shape the institution's approach to equipping future professionals with the expertise needed to contribute to a more sustainable built environment.



## OUR PARTNERS

## CONTACT US:



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