

Med-EcoSuRe

Towards Efficient and Sustainable University Buildings



Newsletter
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Med-EcoSuRe (Mediterranean University as Catalyst for Eco-Sustainable Renovation) has successfully concluded the first year of its implementation period. In the new edition of the newsletter, we highlight the milestones that the project has met so far. Med-EcoSuRe will set up tools and strategic plans to implement innovative and eco-sustainable energy renovation solutions for university buildings in The Mediterranean.

Med-EcoSuRe, What is the project about ?

Watch the video “**Med-EcoSuRe at a glance**” for an overview on the scope, objectives, and beneficiaries of the project



Series of webinars fostering effective energy renovation in Mediterranean universities

Due to the global spread of the Covid-19 pandemic, and in order to overcome the impossibility of the physical meetings to implement the activities foreseen by the project, a series of webinars was organized to launch the project's Living laboratory MED beX.live (University Buildings as a Living Experience). Five webinars were organized while covering interconnected themes on eco-sustainable university renovations in the Med-Area. ENICBC projects were involved in the webinar series in order to share knowledge and best practices on topics focusing on the energy rehabilitation of university buildings. The series of webinars was concluded with valuable **results and recommendations** fostering effective energy renovation in Mediterranean universities.

1 How to implement sustainable policies with a cost-effective approach for construction and building renovation ?

Date: 23.06.2020

[Read more](#)

2 How to perform energy efficient renovation of school buildings and its integration into education programs and education environments?

Date: 30.06.2020

[Read more](#)

3 How may technology, especially BIM Methodology, accelerate growth and competitiveness in the building sector?

Date: 14.07.2020

[Read more](#)

4 How to implement the techno-economic assessment of on-grid PV system?

Date: 21.07.2020

[Read more](#)

5 How can cost-effective energy efficiency and high-tech renewables take place in isolated zones/towns?

Date: 28.06.2020

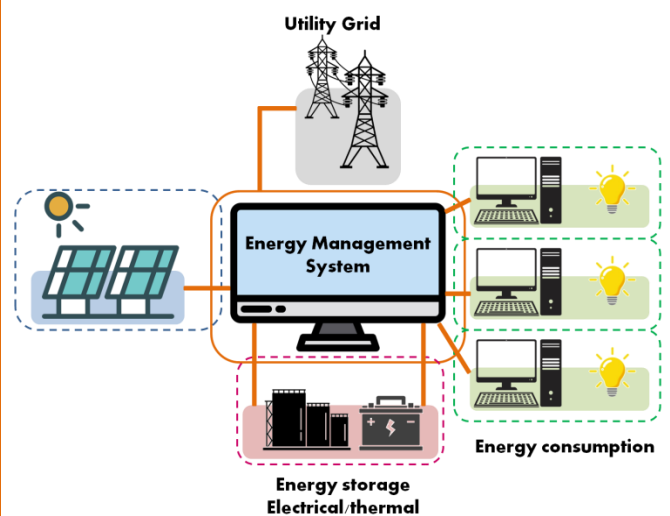
[Read more](#)

Setting up a PV Power Plant at AN Najah National University

Two campus buildings of An Najah University, Palestine, are supplied with grid-tied PV power plants having a capacity of 160 kWp. The power plants will enable to reduce the electricity cost of the chosen faculties and the use of diesel fuel during the long hours of electricity cuts, which will offer a better and more comfortable environment to the academic and administrative staff within the university.



[Read more](#)



Demonstrating Smart Micro-Grid technology at the National Engineering School of Tunis

Smart Micro-grid platform with energy management system-SMARTNESS has been acquired to be installed at The National Engineering School of Tunis, Tunisia. The experimental platform will allow students, professors, researchers and economic operators to investigate new renewable energy technologies and new concepts such as energy management systems, block chain technology and VPP (Virtual Power plant). The experimental platform will be inaugurated in January 2020.

[Read more](#)

Building skills on energy performance of university buildings through a series of online courses

The project launched, on the 22nd of October 2020, an online course on the evaluation of energy performance of existing university buildings. The course is conducted by the Department of Architecture and Industrial Design at the University of Campania, Italy, and involves undergraduate and postgraduate students from the National Engineering School of Tunis (Tunisia), An Najah National University (Palestine), University of Florence (Italy) and the University of Campania (Italy).

Through a series of theoretical lessons and practical workshops, the online course will propose actions to improve the performance of the thermal systems and decrease their energy consumption.

[Read more](#)

DATE	TOPICS COVERED
Lesson 1 29/10/2020	9.30-11.30 Regulatory references and basic concepts of energy management
Lesson 2 05/11/2020	9.30-11.30 Energy performance of buildings
Lesson 3 12/11/2020	9.30-11.30 Introduction to Energy Audit The figures of energy management
Lesson 4 19/11/2020	9.30-11.30 Calculation of net energy requirements
Lesson 5 26/11/2020	9.30-11.30 Calculating primary energy needs
Lesson 6 03/12/2020	9.30-11.30 Proposal of actions to improve and calculate return times

Participants (54): SF Souha Ferchichi (Invité), AM Amira Mel, AM ANGELA MESSINA, AP ANNALISA PAGLUCA, AV Antonella Violano Organisateur, AS ANTONIO SCARANO, AS Argui Safa, BA Ben Hadj Hassine Amir, BI BENITO IAVARONE, CS CARMEN ANGELA MARIA S., DG DILARA GUNAYDIN, DR DOMENICO RAUCCI, EZ Estia Znouda.

Reinforcing synergies with Co-Evolve 4BG project



A collaboration agreement was signed on October 27, 2020 between Med-EcoSuRe and Co-Evolve4BG projects under the high patronage of Ms. Akissa Bahri, Minister of Agriculture, Water Resources and Fisheries of Tunisia. The agreement aims to unify expertise, skills and data for institutions, universities and scientific research centers in Tunisia, Spain, Greece, Italy, Lebanon and Palestine.

[Read more \(News 1; News 2; News 3; News 4; News 5; News 6; News 7; News 8; News 9\)](#)

Med-EcoSuRe showcased at 25th anniversary of the Barcelona Process

Med-EcoSuRe has been selected by the co-presidency of the Union for the Mediterranean (UfM) to be showcased, among other successful Euro-Mediterranean initiatives, during the 25th anniversary of the Barcelona Process/5th UfM Regional Forum, which was held on November 24th – 25th, 2020.

The participation in this event was through:

- A working session on the role of civil society in the face of the main challenges encountered which are environment and climate change, gender equality and social inclusion;
- An online exhibition, based on communication materials, highlighting the achievements of the project.

[Read more](#)



Spreading the EU actions among youth and citizens in Europe day: Med-EcoSuRe was present

Med-EcoSuRe was invited by the Europe Direct office to participate in a webinar, on May 7th 2020, with the aim to raise awareness of cooperation between EU (European Union) and MPCs (Mediterranean partner countries) in the Mediterranean.

The Mediterranean Renewable Energy Centre, as coordinator, presented the project, highlighted the cross border cooperation and its influence on the development of the Mediterranean region, and discussed the opportunities offered.

[Read more](#)



#EnergyEfficiency
 #RenewableEnergies
 #Mediterranean
 #Universities
 #ENICBCMED
 #GOMED



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