



GreenBuilding



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MINIMISING ENERGY CONSUMPTION FOR GREEN BUILDINGS RESPECTING PRESENT USES AND PUBLIC NEEDS

Dear Readers,

Welcome to our 6th issue of GreenBuilding Newsletter that we would like to share with you! It is our pleasure to introduce you the GreenBuilding project, funded by the European Union under the ENI CBC Med Programme that brings together seven organizations from five Mediterranean countries, Greece, Spain, Lebanon, Tunisia and Jordan. The partnership of the project entitled “Minimising Energy Consumption for Green Buildings respecting present uses and public needs” would like to inform you about the final actions of the project. If this project lies within your interests, you are strongly encouraged to visit our website: <http://www.enicbcmcd.eu/projects/greenbuilding> and follow us on Facebook and Twitter.

Yours Sincerely,
The GreenBuilding Consortium

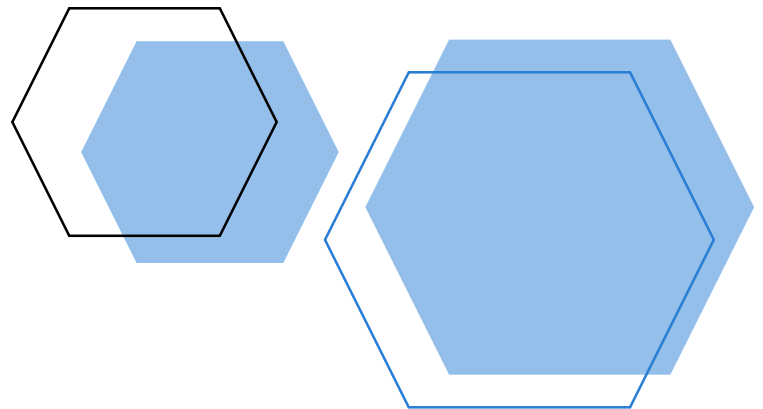




GREENBUILDING PARTNERS MET TO SHARE THE RESULTS OF THE ENERGY RENOVATIONS

GREENBUILDING CAPITALISATION EVENT

The Region of Peloponnese (Greece) with the support of the University of Patras (Greece), lead applicant and project partner of GreenBuilding project respectively, organized a capitalisation event of the GreenBuilding project in Sparta, Greece. The event took place in the building of the Laconia Regional Unit on 27th September 2023! The building of the Laconia Regional Unit is energy refurbished thanks to GreenBuilding project, the participants had the opportunity to visit one of the three GreenBuilding pilot buildings! Moreover, [the capitalisation project of the ENI CBC Med Programme was presented](#), therefore the Sustainable Energy Access and Climate Action Plans (SE(A)CAP) in Med Area have been promoted. The event engaged also new ideas on energy savings in public buildings and promoted new energy solutions!



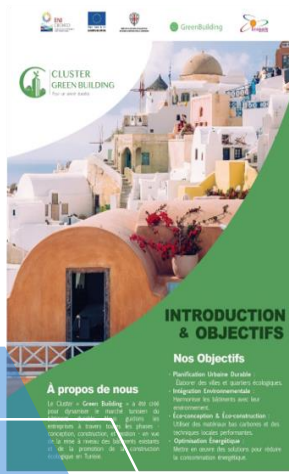
DISCUSSION ON THE FINAL ENERGY RENOVATION WORKS!

GREENBUILDING PARTNER MEETING AND PILOT VISIT

The GreenBuilding partners met in Sparta, Greece, on September 26, 2023. The Region of Peloponnese, GreenBuilding Lead Beneficiary, hosted the meeting.

On this occasion, GreenBuilding partners, namely: the Region of Peloponnese and the University of Patras from Greece, the Moukhtara Municipality from Lebanon, the Jordan University of Science and Technology and the Greater Irbid Municipality from Jordan, had the opportunity to visit the facilities of the building of the Regional Unit of Lakonia, the building that is being refurbished thanks to ENI CBC Med Programme.





INTERNATIONAL GREEN BUILDING CLUSTER

DATE OF GREEN BUILDING EVENT: 24 OCTOBER 2023

- Establishing a professional network that unites diverse expertise within the field of promoting green and sustainable construction to stimulate market growth.
- Promote synergy among cluster members to establish a unified and influential front when engaging with public authorities.
- Enhance collaboration with diverse public organizations that endorse the Green Building cluster.

COMING SOON!



INTERVENTION CHANNELS

Maximizing resources for eco-friendly construction with local techniques.

Eco-design prioritizes passive measures to adapt buildings to local climate..

Improving building energy efficiency to meet performance label standards by optimizing systems and controls.

Incorporating renewables and innovation into buildings to promote green construction with zero or positive energy outcomes.

- **Activity 1:** Identification of the sectors concerned by the “Green Building” cluster.
- **Activity 2:** Identification of potential actors for each sector concerned.
- **Activity 3:** Defining the cluster's role, composition, and activities to actively support the realization of the national energy strategy.
- **Activity 4:** Arrangement of a nationwide informative workshop designed for the diverse stakeholders within the sectors encompassed by this cluster.
- **Activity 5:** Establishment of the cluster and official designation of representatives of public and private organizations
- **Activity 6:** Conducting a cluster workshop to define objectives and strategic priorities (including regulatory framework, financing, research, and innovation).



GREENBUILDING ACHIEVED THE ENERGY RENOVATION IN GREECE

ENERGY RENOVATION ACTIONS IN BUILDING OF THE REGIONAL UNIT OF LAKONIA, GREECE

The Region of Peloponnese, GreenBuilding Lead Beneficiary, completed the activities and works for the renovation of the regional building. The installation of the photovoltaics in the rooftop of the building of the Regional Unit of Lakonia, with total Installed Power 99.64 kW is estimated to:

*Produce more than 150.000 kWh /year
Avoid 130 tons of CO₂ emissions!*

The region worked to replace the lighting units inside the building with energy-saving LEDs. In total, 1408 lamps were replaced with an energy saving of at least 50%! The energy management system will allow:

- The rational management and energy saving
- The comfort for the users of the building (thermal comfort, work comfort, etc.)
- The management of lights and alliances.
- The monitoring and automatic control of electromechanical installations.
- Stay tuned to our news!





Hellenic Republic
Region of Peloponnese

[Region of Peloponnese \(PPEL\)](#)

Peloponnese, a region in southern Greece, includes the prefectures of Arcadia, Argolida, Korinthia, Lakonia, and Messinia.

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UNIVERSITY OF
PATRAS
ΠΑΝΕΠΙΣΤΗΜΙΟ ΠΑΤΡΩΝ

[University of Patras, Special Account for Research Grants \(UPAT\)](#)

One of the main objectives of the University of Patras is the creation of knowledge through the promotion of international scientific research.

Contact person: Yorgos Stephanedes, ystephanedes@upatras.gr



Beta
BIODIVERSITAT, ECOLOGIA
I TECNOLOGIA AMBIENTAL I ALIMENTÀRIA

[Technological Center on Biodiversity, Ecology and Environmental Technology, BETA \(UVIC-UCC\)](#)

The UVIC-UCC has become a driver of knowledge and innovation for the territory, with international reach.

Contact person: Albert Palou Vilar, albert.palou@uvic.cat



[Moukhtara Municipality \(M.M.\)](#)

Moukhtara is a small town in the Chouf District of the Mount Lebanon Governorate of Lebanon.

Contact person: Roger G. El Ashi, ashiro@terra.net.lb



[Management Company of the technopole of borj cedria \(SGTBC\)](#)

The Borj-Cédria Technopole has a strong research, development, R&D, training and technical education in Renewable Energies, Sustainable Development and Materials.

Contact person: Zakaria Hamad, z.hamad@tbc.tn



[Jordan University of Science and Technology \(JUST\)](#)

An internationally renowned university for quality education, community development, and creation and dissemination of knowledge.

Contact person: Abdoul Rjoub, abdoul@just.edu.jo



[Greater Irbid Municipality \(GIM\)](#)

Greater Irbid Municipality is the second largest metropolitan population after Amman in Jordan and the highest population density in the kingdom

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Project Website & Social Networking

Learn more about us! <http://www.enicbcmed.eu/projects/greenbuilding>

Through our Newsletter you can gain an overall perspective on the progress of GreenBuilding project. You can also be informed on the GreenBuilding progress and news via its Twitter and Facebook accounts.

