



 GreenBuilding

**Minimising Energy Consumption for Green Buildings respecting present uses and public needs**



**Dear Readers,**

Welcome to our first issue of GreenBuilding Newsletter that we would like to share with you! It is our pleasure to introduce you to our new 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. Within this issue, the partnership of the project entitled “Minimising Energy Consumption for Green Buildings respecting present uses and public needs (Acronym: GreenBuilding)” would like to inform you about the progress of the aim of the project and its activities implemented so far.

We will regularly update you with the latest news on the project. If this project lies within your interests, you are strongly encouraged to visit our website: <http://www.enicbcmed.eu/projects/greenbuilding> and follow us on Facebook and Twitter.

Yours Sincerely,  
The GreenBuilding Consortium

Start Date: 30 August 2019 – End Date: 29 August 2022 – Duration: 36 Months

## Introduction

GreenBuilding project is co-funded by the European Union under the European Neighborhood Instrument (ENI), through the ENI CBC Mediterranean Sea Basin Programme (ENI CBC Med Programme) 2014-2020 in the framework of the call for standard projects, thematic objective B.4 - Environmental protection, climate change adaptation and mitigation (Address common challenges in environment), priority B.4.3 - Support cost-effective and innovative energy rehabilitations relevant to building types and climatic zones, with a focus on public buildings.

## Aim of the Project

The project, started in August 2019, aims at reducing energy consumption and adverse environmental impact, by using Renewable Energy Sources and Energy Efficiency measures in public buildings, since renewable energies represent a natural competitive advantage for MED area. The GreenBuilding Consortium is composed of 7 partners from 2 EU - Mediterranean Countries (EUMCs) (Greece, Spain) and 3 MPC - Mediterranean Partner Countries (MPCs) (Lebanon, Tunisia, Jordan).

## Project Goals

### The project will:

- Plan/support the cost-effective energy refurbishment of 3 public buildings in Greece, Tunisia and Jordan, respecting present uses/public needs, and monitor its effectiveness using energy measuring devices.
- Promote ecological use of public buildings, abiding by their traditional use and social role, changing building users' & society existing way of thinking into a more environment-friendly perspective.
- Identify cost-effective energy refurbishment approaches; and strengthen learning processes; thus, ensuring a sustainable transition to low carbon economy.
- Provide innovative energy refurbishment plans/measures for buildings, to increase the capacity of public institutions in responding to negative environmental impacts.
- Enhance knowledge/experience exchange between involved bodies, which is necessary for the high energy-efficiency refurbishment activities.
- Plan/implement sustainable energy policies at high decision levels, developing a unified strategic framework of EUMCs/MPCs for environment protection and energy efficiency.

## Highlights



### What will be improved?

The project will plan and support the cost-effective energy refurbishment for 3 public buildings based on renewable energy sources and energy efficiency. In addition, it will develop a remote-control tool for monitoring the energy status of the public buildings in real-time, highlighting any improvement in energy consumption. The project will also develop a set of technical documents, studies and guidelines to support future efforts in reaching nearly-zero-energy and high-energy-performance buildings.

### Who will benefit?

- 4 higher research institutions
- 40 energy SMEs
- 5 building contractors
- 10 business support organisations
- 50 public administrations with nearly-zero-energy and high-energy-performance buildings

### Expected achievements

- 5 training seminars dedicated to SMEs and public authorities
- 1 manual for the energy refurbishment of buildings towards Nearly Zero-Energy Buildings
- 3 pilot projects for the energy refurbishment of public buildings in Greece, Tunisia and Jordan
- 3 energy audits carried out on the refurbished buildings
- 7 best practices identified and analysed in the field of energy refurbishment of buildings
- 1 e-tool for monitoring the energy performance of refurbished, nearly-zero-energy and high-energy-performance buildings

## Project Kick-Off Meeting

The kick-off meeting of GreenBuilding project was held in Tripolis, Greece on 20, 21 and 22 November 2019. The meeting was hosted by the Lead Beneficiary (LB) of the project, Region of Peloponnese, and took place in the Conference Room of Mainalon Resort hotel in Tripolis, Greece. The meeting intended to serve as a formal introduction to the work that will be performed in the project, its Work Packages (WPs), Activities and Outputs. The partners agreed on a common work plan and methodology in order to achieve the project objectives.



Women in Power



Press Conference



Organized by Region of Peloponnese with the contribution of the University of Patras.

A press conference was held on the 21st of November in the Conference Room of Mainalon Resort hotel in Tripolis, Greece to mark the start of the GreenBuilding activities, its objectives and expected achievements.

## Pilot Site Visit

During the last day of the Kick-Off meeting, all PPs had the chance to visit the Greek Pilot in Sparta. Mr. Veroutis, Deputy Regional Governor of Laconia Sub region, introduced his team to the GreenBuilding partners, and offered a tour in the pilot building. This was a great opportunity for the partners to gain a first-hand experience of the energy weaknesses of the building that will be refurbished with support from ENI CBC Med Programme.

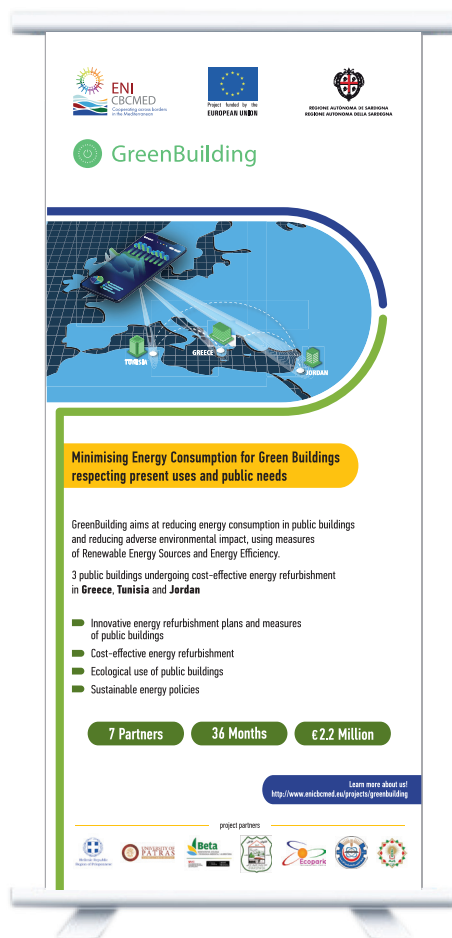


## Upcoming meetings

Due to COVID-19 pandemic the 2nd GreenBuilding project physical meeting was postponed and will be organized later. A teleconference will be organized instead, in order for the partners to discuss on project's activities. Stay tuned to GreenBuilding social media to stay informed!

Flyer & Roll-up

The GreenBuilding flyer and roll-up were designed and prepared by University of Patras. The roll-ups, posters, flyers and brochures will be distributed at the dissemination activities and public events in order to demonstrate the project and its results. Posters and roll-ups with information about the project are located at the partners' premises at a location readily visible to the public, according to Programme's requirements. The roll-ups will be also displayed at any project-related event and meeting.



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.

## Project Partners



Hellenic Republic  
Region of Peloponnese

### Region of Peloponnese (PPEL)

<https://www.ppel.gov.gr/>

Peloponnese, a region in southern Greece, includes the prefectures of Arcadia, Argolida, Korinthia, Lakonia, and Messinia. It covers most of the Peloponnese peninsula, except for the northwestern subregions of Achaea and Elis which belong to Western Greece. The Region focuses on the following fields: Tourism, Food & Beverage, Energy.

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UNIVERSITY OF  
PATRAS  
ΠΑΝΕΠΙΣΤΗΜΙΟ ΠΑΤΡΩΝ

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

<https://www.upatras.gr/en/research>

One of the main objectives of the University of Patras is the creation of knowledge through the promotion of international scientific research. University research and innovation activity is supported by its workforce and the state-of-the-art infrastructure, and represents the most significant factor for the improvement of Education and Learning in the region.

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UVIC  
UNIVERSITAT DE VIC  
UNIVERSITAT CENTRAL  
DE CATALUNYA



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

<http://www.betatechcenter.com>

The University of Vic - Central University of Catalonia was founded on 30 January 2014, when the Balmes University Foundation and the Bages University Foundation signed a federation agreement. The UVic-UCC has become a driver of knowledge and innovation for the territory, with international reach.

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### Moukhtara Municipality (M.M.)

<http://www.moukhtara.org/>

Moukhtara is a small town in the Chouf District of the Mount Lebanon Governorate of Lebanon. The town's inhabitants are 50% Druze and 50% Christians. It is the hometown of Walid Jumblatt, the leader of Lebanon's Progressive Socialist. The municipality is looking to implement green energy in all public buildings as well as street lighting.

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## Project Partners

**Management Company of the technopole of borj cedria (SGTBC)**

<https://ecopark.tn/>

The Borj-Cédria Technopole has a strong research, development, R&D, training and technical education potential that can accommodate innovative companies or encourage their creation, and is also at the heart of the national strategy for the promotion of Renewable Energies, Sustainable Development and Materials.

**Contact person:** Klai Ridha, ridha.klai@tunisia.gov.tn

**Jordan University of Science and Technology (JUST)**

[www.just.edu.jo](http://www.just.edu.jo)

An internationally renowned university for quality education, community development, and creation and dissemination of knowledge. Its mission is to deliver high caliber education, and provide professional services that contribute to the progress of knowledge and the development of local communities and humanity.

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**Greater Irbid Municipality (GIM)**

<https://irbid.gov.jo/>

Greater Irbid Municipality, part of the northern region of Jordan, enjoys a strategic location connecting neighboring countries (Iraq, Syria and Palestine), while also being a center for northern governorates (Ajloun, Jerash & Mafraq). It is the second largest metropolitan population after Amman, and the highest population density in the kingdom.

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