

project partners



Greece
Region of Peloponnese (PPEL)



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



Greece
University of Patras (UPAT)



Jordan
University of Science
and Technology (JUST)



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



Jordan
Greater Irbid Municipality (GIM)



Lebanon
Moukhtara Municipality (M.M.)



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

Project

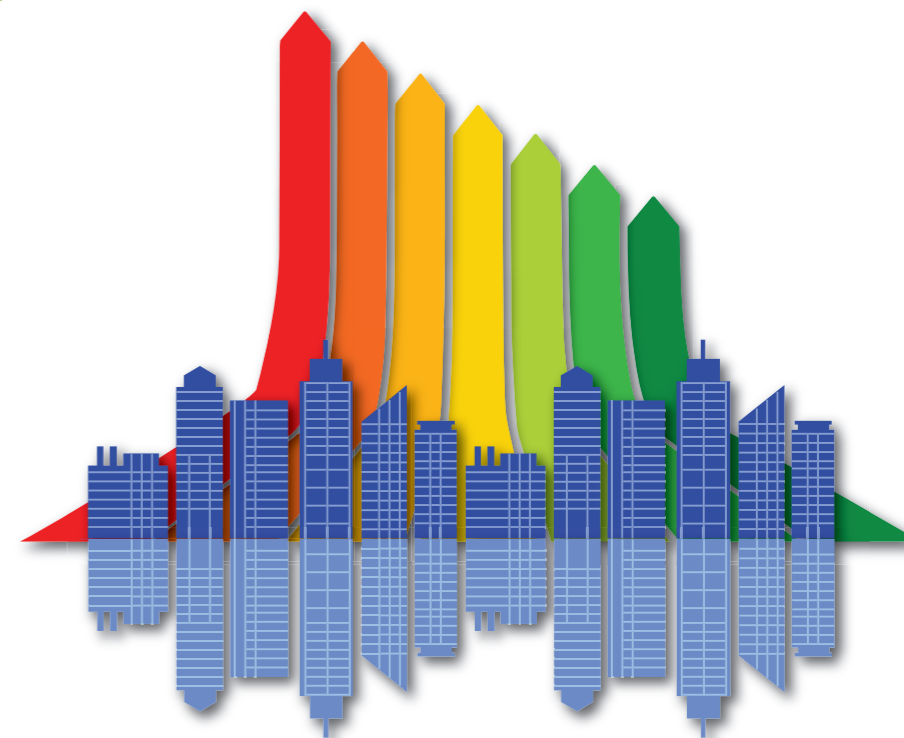
GreenBuilding project is co-funded by the European Union under the European Neighborhood Instrument (ENI), through the ENI CBC Mediterranean Sea Basin Programme (ENI CBC Med Programme) 2014-2020 in the framework of the call for standard projects, thematic objective B.4 - Environmental protection, climate 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.

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). 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.

Activities

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.



Expected achievements

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