BERLIN

Smart energy for public buildings

PROJECT TITLE	**BERLIN – Cost-effective rehabilitation of public buildings into smart and resilient nano-grids using storage**
IMPLEMENTATION PERIOD	02.09.2019 – 01.09.2022
ORGANISATIONS INVOLVED	University of Cyprus (CY); University of Western Macedonia (GR); The municipality of Eilat (IL); University of Cagliari (IT); Ben Gurion University (IL); Deloitte Limited (CY); Hevel Eilot Regional Council (IL)
PROGRAMME	Mediterranean Sea Basin ENI CBC 2014-2020
TOTAL BUDGET	2.868.267,46 €

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Cooperating across borders in the Mediterranean

In remote areas of the Mediterranean more renewable resources are needed. The high energy consumption in the building sector and the limited availability of the national electric grid, call for new solutions to ensure stability and power quality of energy provision. The BERLIN project is implementing cross-border measures to support innovative and cost-effective energy rehabilitation in public buildings, based on the nano-grid concept and smart micro-grids. The project has focused in increasing the penetration of the nano-grid concept, combined with energy storage and demand-based consumption. This way energy-efficiency and self-resilience will be increased in public buildings; at the same time, using greener, smarter and more innovative energy concepts will impact positively on the environment.
The project has chosen 8 energy rehabilitation pilot actions in four countries where, in the mid-term, energy consumption and CO2 emissions will be reduced. In the long-term, the project is also aiming to encourage a widespread policy for adopting clean and self-sufficient energy sources in public buildings.

The information provided is subject to changes during the project's lifetime. Please refer to the project's website for the latest updates.

ENERGY EFFICIENCY

Project co-funded by the European Union

ENVIRONMENT