



PRO-ENERGY

Promoting Energy Efficiency in Public Buildings of the Balkan Mediterranean Territory

Date: 26/9/2022

Where: Igoumenitsa





Highlights & lessons learned

Project Partner 2 - Development Agency of Evia SA





**Joint Strategy
and Action Plan**



**Development of a training
Programme**





Joint Strategy and Action Plan

- Aims at formulating a Joint Strategy and Action Plan for the whole Balkan Med area regarding energy efficiency through behavioural change
- Based on the analysis of the existing situation regarding energy efficiency in the participating territories
- Incorporates mapping of policies, initiatives and interventions, while collecting good practices and benchmarking of participating authorities



Joint Strategy and Action Plan

1. Summary of existing situation analysis
2. Gathering a map of relevant good practices
3. Analysis of each project area and its stakeholders
 - a. SWOT Analysis
 - b. PESTLE Analysis
4. Definition of the strategy objectives
5. Setting specific Key Success Factors
6. Definition of Strategic Priorities
7. Formulation of the Action Plan



Development of a training programme

- Capitalizes on knowledge & results of WP3
- Includes the identification/selection of trainees (energy managers) and assessment of their training needs
- Design and development of training curricula on topics such as:
 - Energy management process
 - Monitoring and targeting energy auditing
 - Development and management of energy projects
 - Financial tools and techniques with emphasis on energy performance contracting



Development of a training programme

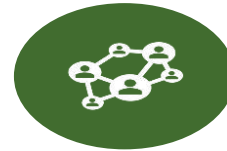
- Identification of trainees / assessment of their training needs
- Formulation of specific training curricula
- Establishment of training seminars (MOOCS and Webinars)
- Training evaluation, aiming to evaluate the effectiveness of the training sessions



**Integrated joint
ICT platform**



**Joint cost-
benefit analysis
modeller**



**Joint
preparation of
energy
performance
contracts**





Integrated joint ICT platform

“You may not improve unless you measure first”

The project has foreseen **actual and precise energy** readings from different energy sources within Public Buildings which may come available near real-time through the engagement of an ICT interactive platform

1 open-source Joint ICT Platform **guiding energy consumers behaviour to energy saving actions** contributing to the achievement of 20% reduced energy spending in public buildings & to increased energy efficiency



Integrated joint ICT platform

- Along with *smart sensors* it will form a system for energy efficiency interventions in pilot buildings
- LB has already developed, tested and will maintain the platform
- LB has trained the administrators into the correct usage of the platform
- A user guide has already been provided
- The platform has been developed according to the functional and technical specifications produced



Joint cost-benefit analysis modeler

- Joint Cost-Benefit Analysis Modeller (open to all) **supporting decision-making for retrofits, renovations** etc. which lead to increased energy efficiency
- Aims at the evaluation of energy investments and retrofits in public buildings
- LB defines the specifications, designs and develops the Modeler
- LB has already started the development of the tool specifications
- Contribution by all PBs will be provided as soon as the specifications are defined



Joint preparation of energy performance contracts

- Energy Performance Contracts through open-tendering procedures to finance energy upgrades from cost reductions
- Contribute in this way to increased energy savings & increased energy efficiency
valorize results (open to all) of WP3 energy audits on selected buildings
- Another tool for the promotion of energy efficiency interventions



Joint preparation of energy performance contracts

- 3 EPC will be produced at least (AF)
- The goal is to prepare one EPC per project area
- EPC arrangements shall be prepared between project partners and energy service companies (ESCOs) who will implement interventions (retrofits etc.) in the selected pilot public buildings
- Deliver energy efficiency and will use the stream of income from the cost savings to repay the costs of investments



Ioannis Skyrianos
Consultant

A 32 Perikleous St., 15232 Athens, GR

T +30 210 6179414 (ext. 402)

T ioannis@trek-development.eu

W www.trek-development.eu

