



Region of Epirus  
Regional Unit of Thesprotia

# WP5: Pilot Actions and Sustainability – WP6: EUSEW Participation

Kick-Off Meeting,  
January 30, 2020, Igoumenitsa, Greece

**Interreg**   
**Balkan-Mediterranean**  
European Regional Development Fund

# AGENDA

- ☐ Objective
- ☐ Roles of partners
- ☐ WP activities

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## WP5 OBJECTIVES

- ☐ Implement pilot actions to promote energy efficiency in participating territories
- ☐ Ensure sustainability and replicability of project results

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# ROLES OF PARTNERS

- ❑ LP (RUT) is the WP Leader
- ❑ All partners contribute and participate in all activities

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# WP5 ACTIVITIES

## □ Functional requirements of the Joint ICT Platform (LP):

- Functional requirements refer to the definition of the objectives of the operation of the platform, the specifications for the services that will be offered, the roles and responsibilities for the administration and monitoring of the Platform, the languages, the indicative structure of the platform pages, the site-map and the Platform's front end
- Technical specifications include the general technical specifications, the system architecture, the infrastructure requirements and the technologies that will be used

# WP5 ACTIVITIES

## ❑ Joint ICT Platform (LP):

- One of the main outputs of the project
- Along with smart sensors it will form a system for energy efficiency interventions in public buildings
- All PPs participate
- LP will develop, test and maintain the platform, will train the administrators and develop a user guide
- LP will collaborate with PPs for the connection with smart sensor systems

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# WP5 ACTIVITIES

## ❑ Joint ICT Platform and system (LP):

- One public building per area involved will be equipped with smart sensor systems
- The integrated cloud-based platform will measure and analyze energy consumed at any given period of the day from different sources
- Data and measurements (available to the wide public) will be integrate and analyzed, using specially designed ICT tools, algorithms, data analytics and statistical methods, thus producing the energy consumption profile of each building
- On the basis of those ratings each partner will engage every single public building into energy savings actions, through alerts, incentives and other forms of information, using automated push mechanisms derived by the ICT system.

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## WP5 ACTIVITIES

### ☐ Joint Cost-Benefit Analysis Modeler (LP):

- Aims at evaluation energy investments and retrofits in public buildings
- LP defines the specifications, designs and develops the Modeler
- All PPs participate and contribute



# WP5 ACTIVITIES

## □ Joint Cost-Benefit Analysis Modeler (LP):

- Retrofits and investments will be planned using the cost-benefit analysis modeler to measure the net present value of energy efficiency interventions
- These investments will be implemented outside the PRO-ENERGY project (could be done with the use of energy performance contracting), but their results and impact (energy savings) shall be monitored and measured with the use of the ICT platform

# WP5 ACTIVITIES

## ☐ Energy Performance Contracts:

- Aims at promoting another tool for the promotion of energy efficiency interventions
- LP coordinates
- All PPs participate
- The goal is to prepare one EPC per project area
- Only preparation, implementation is now within the project's scope and it is not part of the funding

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# WP5 ACTIVITIES

## □ Energy Performance Contracts:

- It is a form of 'creative financing' that allows funding energy upgrades from cost reductions
- 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 to deliver energy efficiency and will use the stream of income from the cost savings to repay the costs of investments

## WP5 ACTIVITIES

☐ Follow-up Plan for the sustainability of project results and consultation:

- LP develops the plan
- PPs run consultation processes in their areas during events or via direct contacts with stakeholders for the finalization of the plan
- Consultation will be based on questionnaire developed by the LP

# WP5 ACTIVITIES

## ☐ Follow-up Plan indicative contents:

- Analysis of project achievements and extent to which the objectives will have been met
- Methodological tools for the replicability of actions and methodologies produced during the project
- Definition of the strategy for the sustainability of the project along with mission, goals and required resources
- Identification of potential funding opportunities for sustainability of project results based on three scenarios (best, worst case, most realistic scenario)
- Suggestions for extending project activities and for developing a new project to continue the work done in PRO-ENERGY

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# WP6 OBJECTIVES

☐ Participate in EUSEW 2020 or 2021 in order to network with EU energy stakeholders

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# ROLES AND ACTIVITIES

- ☐ All PPs participate, LP coordinates
- ☐ Selection of the EUSEW depending on the project progress

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# DISCUSSION

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