



PROJECT

PRO-ENERGY

D5.x.4 Follow-up plan for the sustainability of project results

Work Package:	5 Pilot Actions & Sustainability
Work Package Leader:	Region of Epirus - Regional Unit of Thesprotia
	D5.x.4 Follow-up plan for the sustainability of project results /
Deliverable:	D5.1.5.c. Σύνθεση αποτελεσμάτων - Σχέδιο Διατηρησιμότητας έργου PRO-ENERGY

Version:	V.01	Date:	13/10/2022
Type:	[Report] - Synthesis		
Availability:	Project Level		
Responsible Partner:	Region of Epirus - Regional Unit of Thesprotia		
Editor:	TREK Development S.A.		







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IDENTIFICATION SHEET

Project Ref. No.	BMP1/2.2/2052/2019
Project Acronym	PRO-ENERGY
Project Full Title	'Promoting Energy Efficiency in Public Buildings of the Balkan
	Mediterranean territory'

Security (distribution	Confidential
level)	
Date of delivery	13/10/22
Deliverable number	D5.x.4 Follow-up plan for the sustainability of project results /
	D5.1.5.c. Σύνθεση αποτελεσμάτων - Σχέδιο Διατηρησιμότητας
	έργου PRO-ENERGY
Туре	Synthesis Report
Status & version	Final 1.0
Number of pages	24
Responsible partner	Region of Epirus - Regional Unit of Thesprotia
Editor	TREK Development S.A.

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PRO-ENERGY	Σύνθεση αποτελεσμάτων - Σχέδιο Διατηρησιμότητας έργου PRO-ENERGY
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SECTION 1	PROJECT OVERVIEW

1.1 General Information

PRO-ENERGY is a transnational cooperation project, co-financed by the Cooperation Programme "Interreg V-B Balkan Mediterranean 2014-2020", under Priority Axis 2, Specific Objective 2.2 Sustainable Territories. The project aims at promoting Energy Efficiency in public buildings in the Balkan Mediterranean territory and to create a practical framework of modelling and implementing energy investments interventions, through specific ICT monitoring and control systems, as well as through energy performance contracting (EPC). The specific objective of PRO-ENERGY is to reduce by more than 20% the energy spending in public buildings of the participating entities in one year after the implementation of pilot actions.

The common challenge of PRO-ENERGY is to improve energy efficiency of public buildings (municipal/provincial/regional buildings, schools, universities, health centres, hospitals, museums, sports facilities etc.). This is a common problem faced by the territories participating in the project characterized by old facilities, outdated/degradated building façades, materials & equipment (insulation, electrical appliances, cooling/heating systems etc.), low energy consciousness & awareness, lack of skilled civil servants, etc. all leading to high energy consumption & CO2 emissions.

In this direction, WP5 (Pilot Actions & Sustainability) includes the implementation of pilot actions designed specified in the Joint Strategy (WP3) & the drafting of a follow-up plan for sustainability of results (pilot actions, trainings) & its consultation with stakeholders.

Sustainability will be addressed in the Follow-up Plan for the sustainability of project results which will be drafted in WP5. It will outline the strategy for ensuring durability/sustainability of outputs/results in institutional/financial/political terms after the project end & propose specific actions with timetable, milestones, funding sources & indicators for monitoring the implementation.

SECTION 2 DESCRIPTION OF THE PRO-ENERGY PROJECT - CURRENT ACHIEVEMENTS	PRO-ENERGY	Σύνθεση αποτελεσμάτων - Σχέδιο Διατηρησιμότητας έργου PRO-ENERGY
		DESCRIPTION OF THE DDG EVERSIV
	CECTION 3	DESCRIPTION OF THE PRO-ENERGY
PROJECT - CORRENT ACHIEVEMENTS	SECTION 2	
		PROJECT - CURRENT ACHIEVEMENTS

2.1 Introduction

The PRO-ENERGY project was launched as a very ambitious intervention aimed at improving energy efficiency of public buildings (municipal/provincial/regional buildings, schools, universities, health centers, hospitals, museums, sports facilities etc.).

At the same time, the project is focused to create a practical framework of modelling & implementing energy investment interventions through specific ICT monitoring & control systems.

The project partners are:

- Region of Epirus Regional Unit of Thesprotia Greece
- Development Agency of Evia SA Greece
- Cyprus Energy Agency Cyprus
- ➤ Department of Electrical and Mechanical Services Ministry of Transport, Communications and Works - Cyprus
- Regional Development Agency with Business Support Centre for Small and Medium-sized Enterprises - Bulgaria
- National Agency of Natural Resources Albania

2.2. Overview of the Objectives

Project Objectives

To promote Energy Efficiency in public buildings in the Balkan Mediterranean territory& to create a practical framework of modelling& implementing energy investment interventions, through specific ICT monitoring& control systems, as well as through energy performance contracting (EPC)

Specific Objectives

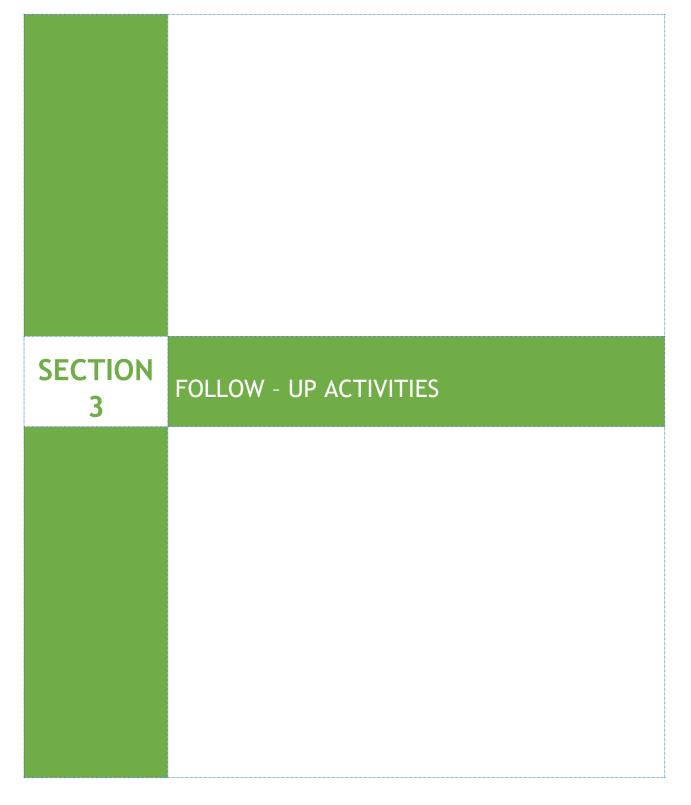
To reduce by more than 20% the energy spending in public buildings of the participating entities in one year after the implementation of pilot actions

Programme Outputs Indicators & Project Main Outputs 1 Joint Cost-1 open-1 Joint 1 Framework 15 Training 1 source Joint Strategy & Benefit sessions **Benchmarking** for energy-**ICT Platform Action Plan Analysis Tool** for the related (seminars, Modeller (open guiding contributing interventions study visits, benchmarking energy to developing to all) in public eLearning of consumers effective supporting buildings which etc.) on participating decisionincludes the energy-related authorities behaviour to energy making for implementation energy saving efficiency topics (energy regarding actions policies & retrofits, of Energy management energy contributing measures & renovations Audits in performance process, to the to defining etc. which lead selected public monitoring, & the achievement pilot actions to increased buildings targeting, promotion of of 20% for the enabling energy energy energy reduced reduction of efficiency. through smart efficiency & auditing, energy energy sensor systems regulations & savings in spending in spending in the recording standards, public public public of energy development buildings. buildings & to buildings consumption of energy increased projects, financial tools energy efficiency & techniques with emphasis

		on energy	
		performance	
		contracting	
		etc.)	
		contributing to	
		increased	
		capacities of	
		energy	
		managers &	
		other	
		stakeholders	
		leading to	
		medium-term	
		& long-term	
		energy	
		efficiency.	

Operational Objectives			
	(connected with the respective Work Packages)		
WP1:	WP1 aims to ensure timely& proper implementation of project activities& coordination of all partners, & includes project management & reporting		
PM & Coordination	activities, project meetings (also kick-off), evaluation& monitoring performance activities (indicators & mid-term evaluation), quality assurance (manual & procedures) & participation to program events.		
WP2: Communication & Dissemination	WP2 aims to disseminate & diffuse project results, to involve stakeholders in project activities& to ensure replicability & multiplier effects of the project; it includes the drafting of the Communication Plan (definition of stakeholders strategy, messages, channels, action plan, assessment), the implementation of the Action Plan (project identity, website, social media, brochures, events, eNewsletters, videos), monitoring of action's plan implementation, & the design of the PRO-ENERGY roadmap for replicability of results/multiplier effects & the roadmap's consultation with local/regional/national/European stakeholders.		
WP3: Joint Regional Analysis, Strategy& Framework	WP3 aims at formulating a Joint Strategy& 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 participating territories incorporating mapping of policies, initiatives& interventions & the selection of good practices& benchmarking of participating authorities, at building know-how which will be used in trainings of WP4& at establishing the framework for the pilot actions of WP5 through the establishment of joint criteria for selecting pilot public buildings, the identification/selection of pilot buildings from all territories& the implementation of energy audits (smart metering) in these buildings.		
WP4: Capacity Building for Energy Managers	WP4 capitalizes on knowledge & results of WP3 & includes the identification/selection of trainees (energy managers), the assessment of their training needs, the design & development of training curricula on topics such as energy management process, monitoring, targeting, energy auditing, solution development, regulations& standards, development& management of energy projects, financial tools & techniques with emphasis on energy performance		

	contracting etc., the organisation of training sessions (eLearning, study visits,
	seminars etc.) as well as the evaluation of training sessions
WP5:	WP5 includes the implementation of pilot actions designed& specified in the Joint
Pilot Actions&	Strategy (WP3) & the drafting of a follow-up plan for sustainability of results (pilot
Sustainability	actions, trainings) & its consultation with stakeholders.



3.1. General Overview

This part will give an overview of the key points of the future strategic plan that the partnership has prepared for the sustainability of the PRO-ENERGY project, in an attempt to capitalize the acquired knowledge and experience and to formulate the best follow-up strategy for the project. The Follow-Up Activities formulated by the partnership have been based on a common, simple methodology: initially, the mission and goals of each of the partners as regards PRO-ENERGY in general and the specific Output (i.e., the strategic plan, the platform etc.) developed are analyzed. Then, a specific activity that builds on the Output is proposed with a short description. The Activity is then supported by listing the Actions Required in order to implement the Activity and by listing the Required Resources.

Finally, for each activity a short Opportunities & Challenges matrix is created, along with an initial timeframe for implementation.

Once all partners have submitted their Sustainability Plans, the LP - Region of Epirus/Regional Unit of Thesprotia will create a united consolidated Plan.

Note: Towards the fruitful and most purposeful completion of the Sustainability Plans, every partner is instructed to conduct their own alongside a careful consultation with their respective stakeholders (Annex I) and include the feedback received inside their Sustainability Plans. The main purpose behind this action, is that consultation with stakeholders within all participating areas shall help gain insights & ensure commitment & consensus.

The present document outlines the contribution of all partners, thus forming this Synthesis Report, designed by the **Lead Beneficiary - Region of Epirus - Regional Unit of Thesprotia**.

3.2. Sustainability Plan for the "Joint ICT Platform"

Output: Joint ICT Platform		
Institutional Mission & Goals	[Describe how your institution's mission and goal fits/can be related with the Output] The Joint ICT Platform is related to the mission of all partners, especially for the education and awareness to guide energy consumers' behaviour to energy-saving actions contributing to reducing energy spending in public buildings & to increased energy efficiency.	
Proposed / Planned Sustainability Activities	[Describe briefly how you plan to sustain the Output] The ICT platform will continue to be kept up-to-date and an effort will be made to extend its use not only to public buildings but also to local authorities' buildings, thus increasing the promotion of energy reduction in a larger number of buildings. In addition, the partnership, will promote the purpose of the platform to local authorities to adopt this tool, and support their efforts for energy savings.	
Actions Required	[Describe briefly any steps required to implement the proposed/ planned sustainability activities] A memorandum of cooperation between each partner and external experts for the management of the platform. A continue collaboration between the partnership and the responsible of the platform in order to promote the platform. In addition, if local authorities of each partners' country are interested about the platform, a collaboration with the local authorities and them could be achieved in order to support the energy consumption of their public buildings. Seminars to public authorities about Energy Management and the use of ICT Platform.	
Resources Required (Human Recourses / External Expertise / Equipment)	[List briefly the resources required] Annual budget for additional content creation and financing the operational support of the platform.	
Opportunities & Challenges	[Briefly Describe the opportunities & challenges facing the implementation of your plan] The partnership will gain more experience designing and managing similar platforms. The biggest challenge is finding new users who will enter the correct data into the platform.	
Timeframe of implementation	[Provide the timeframe of implementing the activities] 2022 onwards	
Comments	N/A	

3.3. Sustainability Plan for the "Joint Strategy & Action Plan"

Output: Joint Strategy & Action Plan		
	[Describe how your institution's mission and goal fits/can be related with the Output]	
Institutional Mission & Goals	The whole of the partnrship is responsible to promote and support regional development, by creating, promoting, and supporting initiatives that support its remit. Thus, the created Joint Strategy & Action Plan fulfils this purpose.	
Proposed / Planned	[Describe briefly how you plan to sustain the Output]	
Sustainability Activities	All partners have formally adopted the Joint Strategy & Action Plan and are incorporating its elements across programmes and projects that are implementing.	
	[Describe briefly any steps required to implement the proposed/ planned sustainability activities]	
Actions Required	No formal action is required. Implementation of specific actions, within existing and future programmes/ projects	
Resources Required	[List briefly the resources required]	
(Human Recourses / External Expertise / Equipment)	One contract of External Expertise for the creation of an Implementation Plan.	
	[Briefly Describe the opportunities & challenges facing the implementation of your plan]	
Opportunities & Challenges	The Joint Strategy & Action Plan provides the opportunity to unify several programmes and projects that are implemented by each partner. By adopting and incorporating the innovative elements of the Joint Strategy and Action Plan within other programmes, the project's sustainability is ensured.	
Timeframe of implementation	[Provide the timeframe of implementing the activities] Immediate implementation	
Comments	N/A	

3.4. Sustainability Plan for the "Joint Cost-Benefit Analysis Modeller"

Output: Joint Cost-Benefit Analysis Modeller		
Institutional Mission & Goals	[Describe how your institution's mission and goal fits/can be related with the Output] The partnership supports all processes that aim to promote such innovative initiatives, embedded with energy reduction.	
Proposed / Planned Sustainability Activities	[Describe briefly how you plan to sustain the Output] The Joint Cost-Benefit Analysis Modeller will be (open to all) supporting decision-making for retrofits, renovations etc. which in turn, is planned to lead to increased energy efficiency	
Actions Required	[Describe briefly any steps required to implement the proposed/ planned sustainability activities] Training and awareness to public authorities about the tool and how to use it for their benefit in order to implement actions for energy reduction. Upon completion of the training, a responsible person should be designated in each organization to manage the Cost-Benefit Analysis Modeling tool.	
Resources Required (Human Recourses / External Expertise / Equipment)	[List briefly the resources required] Funding of energy upgrades through cost reductions	
Opportunities & Challenges	[Briefly Describe the opportunities & challenges facing the implementation of your plan] The CBA modeller alongside the pilot actions foreseen are jointly developed & applied, leading on the one hand to economies of scale & on the other to useful dynamic interregional comparisons & benchmarking, hence stimulating continuous improvement processes & regional excellence	
Timeframe of implementation Comments	[Provide the timeframe of implementing the activities] Immediate activation/implementation N/A	

3.5. Sustainability Plan for the "Framework for energy-related interventions"

Output: Framework for energy-related interventions		
Institutional Mission & Goals	[Describe how your institution's mission and goal fits/can be related with the Output]	
	The partnership supports all initiatives in framework for energy-related interventions for Increasing public buildings energy efficiency and securing investments, through the improved multidisciplinary in-house staff capacity building of Public Administrations and the establishment of a system of alliances with more engaged and motivated building users.	
	[Describe briefly how you plan to sustain the Output]	
Proposed / Planned	All partners will coordinate with their respective key stakeholders, in order	
Sustainability Activities	to promote the adoption of this framework by all relevant stakeholders and	
Activities	any other interest party.	
Actions Required	[Describe briefly any steps required to implement the proposed/ planned sustainability activities]	
	No formal actions are required.	
Resources Required	[List briefly the resources required]	
(Human Recourses / External Expertise / Equipment)	No additional resources are required.	
	[Briefly Describe the opportunities & challenges facing the implementation of your plan]	
Opportunities & Challenges	The investment in technological interventions is the most common method to reduce energy consumption, both in public and in private sector, organizational and behavioural interventions are now starting to be considered as relevant aspects for a better achievement of energy efficiency goals	
Timeframe of	[Provide the timeframe of implementing the activities]	
implementation	Immediate implementation	
Comments	N/A	

3.6. Sustainability Plan for the "Training sessions"

Output: Training Sessions		
Institutional Mission & Goals	[Describe how your institution's mission and goal fits/can be related with the Output] The partnership in total as an information point for the local society, providing education and vocational training which participates in projects in partnership with local, European and international organizations, contributing to innovation, research and sustainable development, supports this kind of actions.	
Proposed / Planned Sustainability Activities	 [Describe briefly how you plan to sustain the Output] The trainings will be dedicated to people who handle energy issues within their business, local authorities or other bodies and organizations. The topics of the trainings can be: National and European legislation on Energy Efficiency, Renewable Energy Sources and Energy Market Energy efficiency improvement systems in lighting, heating, cooling & ventilation & Renewable Energy Sources systems Methods and procedures of energy audit and application of standards Energy management systems, energy data recording & monitoring, use of energy analytics tools, monitoring & calculation tools Economic analysis, evaluation & management of energy efficiency projects Practical Action/study visits 	
Actions Required	[Describe briefly any steps required to implement the proposed/ planned sustainability activities] Planning of the training [target group, curriculum, training material]	
Resources Required (Human Recourses / External Expertise / Equipment)	[List briefly the resources required] Annual budget for additional content creation and financing the operational support of the platform.	
Opportunities & Challenges	[Briefly Describe the opportunities & challenges facing the implementation of your plan] All partners will try to adapt the training sessions to the training program for energy managers, energy experts and energy auditors. Likewise, with the experience from previous project about energy behaviour, and through the opportunity of the development of new training material via the project PRO ENERGY, has the opportunity not only to provide the trainings but also has the challenge to upgrade the training material and adjust it to the needs of each training session.	
Timeframe of implementation	[Provide the timeframe of implementing the activities] 2022 onwards	
Comments	N/A	

3.7. Sustainability Plan for the "Benchmarking Tool"

Output: Benchmarking Tool		
Institutional Mission & Goals	[Describe how your institution's mission and goal fits/can be related with the Output] The partnership supports all processes and best practices in energy efficiency polices require: good design of robust programmes, evaluation, alteration of underperforming programmes, at all levels in an economy.	
Proposed / Planned Sustainability Activities	[Describe briefly how you plan to sustain the Output] The partners planned Sustainability Activities for Analyzing and designing an effective suite of energy efficiency policies, suited to the needs of the economy is a core task, and ensures policies are designed, implemented, evaluated, and deliver economic benefits.	
Actions Required	[Describe briefly any steps required to implement the proposed/ planned sustainability activities] Apart from the "benchmarking tool" itself, no other planned action will be required.	
Resources Required (Human Recourses / External Expertise / Equipment)	[List briefly the resources required] No additional resources are required.	
Opportunities & Challenges	[Briefly Describe the opportunities & challenges facing the implementation of your plan] Shifting energy subsidies to motivate more rational investments reduces budgets and also enables investment in more economic alternatives like energy efficiency across the entire market. Utility led programmes impact across entire customer classes in an economy and can send powerful motivations with smarter tariffs and Demand-side Management (DSM) activities.	
Timeframe of implementation	[Provide the timeframe of implementing the activities] Immediate implementation	
Comments	N/A	

4.1 Proposed joint activities

Activity	Goal	Proposed implementation vehicle (funding programme or other)
Dissemination of PRO-ENERGY's Benchmarking tool	To maximise the impact of the PRO ENERGY project and utilize its key outcomes	 ✓ Interreg V-B "Balkan-Mediterranean 2021- 2027 ✓ Green Deal ✓ Erasmus +
Skills Development for the Energy Sector	To upgrade the skills and capacity of energy professionals, especially of smaller businesses and niche markets	 ✓ Interreg V-B "Balkan-Mediterranean 2021-2027 ✓ Green Deal ✓ Erasmus +
Smart metering and billing: increasing consumer awareness	To maximise the impact of the PRO ENERGY project and utilize its key outcomes	✓ Interreg V-B "Balkan- Mediterranean 2021- 2027 ✓ Green Deal ✓ Erasmus +
The role of ICT in smart buildings	ICT can accelerate energy market transformation enabling demand-response, real time energy management and integration of intermittent renewable energy sources.	✓ Interreg V-B "Balkan- Mediterranean 2021- 2027 ✓ Green Deal ✓ Erasmus +
Energy efficiency networks, benchmarking	The objective of the project is to improve the energy efficiency	✓ Interreg V-B "Balkan- Mediterranean 2021- 2027 ✓ Green Deal ✓ Erasmus +
Capitalizing on the multiple benefits of energy efficiency	Energy savings triggered by energy efficiency policies are just one of their many benefits. Other positive impacts include lower consumer bills, decreased public spending, CO2 reduction and health benefits from improved thermal insulation of buildings.	✓ Interreg V-B "Balkan- Mediterranean 2021- 2027 ✓ Green Deal ✓ Erasmus +

Guidelines:

- Please propose a set of Joint Activities that could be implemented by the partnership.
- Provide the name of the Activity, its Goal (ie. Expand the Transnational Network) and a proposed implementation vehicle (ie. ADRION 2021 2027, bilateral agreement, ERASMUS+ etc.)

ANNEX I - Methodology of public consultation

Any kind of meeting or event is intended to produce an outcome, whether it is only for the participants and their organisations (e.g. a workshop) or has a wider impact (e.g. an open event, conference, etc.). A key common feature that all types of meetings and events should have in common is that they should have the potential to inspire or at least keep participants engaged, creating the conditions for open participation and constructive dialogue.

The job of a "Facilitator" is to ensure that any meeting/event proceeds smoothly, according to the schedule, the desired outcome and with equitable treatment of participants.

Consultation events also have a need for tangible, immediate and measurable outcomes, which are a synthesis of the views and decisions expressed during the meeting/workshop. In order to achieve the objectives, modern procedures and tools are used, some of which are briefly presented in the table below.

Procedures	Tools
Defining the roles of participants, setting	• "Idea-Proposal-Recommendation" for the
the agenda, timetable and "rules"	creation of a strategy and/or action plan
Recording of contributions, questions,	 "Available space" for issues of equal
management of "individual" interventions	importance but outside the scope of the
Adapting the approach according to the	discussion
audience and participants	• "Circular Discussion" to ensure that all
Maintaining the 'neutrality' of the	participants have a voice
facilitator	• "Narrative" to create coherence on the
Active listening - respect for all positions	proposal

A Macro-Regional Event will be held on Thursday 20 October 2022 in Matera, Italy, by the ADRION Thematic Cluster, in collaboration with Projects WOOL and ADRIONET.

The ADRION Thematic Cluster, dealing with the promotion and enhancement of remote tourist destinations, aims with this event, to create a special space, in a unique canvas of beauty like Matera, through which the sharing of themes and good practices related to sustainability will take place.

The day will be divided into three different sessions:

The first one will specify the purpose, objectives and the participants of this Thematic Cluster.

The second one focusing on the main concepts of sustainable development from a strategic point of view.

The third one dealing with some territorial and international good practices in implementing sustainable approaches and techniques in certain territories.

For the detailed agenda see in the attached.