## ELENA Project Factsheet Sustainable Energy in Prešov Region (SEPR)

Location	Prešov Region, Slovakia				
Beneficiary	Prešov Self-Governing Region (PSK)				
CoM signatory	PSK became Territorial Coordinator in 2012				
Sector	EE: buildings and public lighting; RE: PV and solar hot water				
Total PDS cost	1,211,000 EUR				
Elena contribution	1,089,900 EUR				
Project development services (PDS) financed by ELENA	The PSK will set up a project implementation unit (PIU) in view of preparing an EE and RE investment programme for its own buildings and for buildings and public lighting of 14 associated municipalities. The PIU will prepare with the assistance of external experts a detailed investment programme.				
Description of ELENA operation	The key tasks are to prepare energy audits for the chosen buildings, carry out feasibility studies for building refurbishment, indoor lighting, solar energy plants and public lighting, prepare the tender documents and evaluate the received offers leading to contract signatures. For public lighting refurbishment it is planned to use the energy performance contracting (EPC) approach, which needs special know-how. One important source of cofinancing foreseen comes from the European Structural and Investment funds (ESIF). The PIU will assist in the preparation of the funding requests and in a broader view on the possible financing schemes. The PIU will be staffed with in total six full time posts (director; technical, financial and legal expert, an expert in public tendering and a secretary). The external expertise is needed for the preparation of the energy audits, the feasibility studies, the technical studies, preparation of the tender documents and tender evaluation, for IT support enhancing project internal coordination and for the EPC contract preparation.				
Timeframe	2015 – 2017				
Basis for investment identification	Preliminary assessment for the buildings and facilities owned by PSK and the partner municipalities regarding energy consumption, EE and RE measures and related investments costs and expected energy savings and CO <sub>2</sub> emission reduction. For some representative buildings more detailed studies were carried out.				
Investment programme description	Improvement of building envelope, energy management system and indoor lighting in public buildings (~ 140); installation of solar thermal and PV plants on public buildings (~ 140) and public lighting renovation in 6 municipalities using LED technology				
Investment to be mobilized	Investment sector	Investments (MEUR)			
	Building envelope	33.7			
	Solar energy	7.5			
	Indoor lighting	11.4			
	Public lighting	7.8			
	Total	60.4			

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Expected results	Expected results	Annual	Annual	CO <sub>2</sub> reduction	
	1.Building envelope	21.3		1,480	
	2. Solar energy		5.1	1,280	
	4. Indoor lighting	5		1,250	
	5. Public lighting	4.6		1,170	
	Total	30.9	5.1	5,180	
Leverage factor (Minimum 20)	55				
Market replication potential	The role of the regional authority in Slovakia in bundling projects and supporting smaller municipalities might encourage others to adopt similar approaches. The approach to use EPC mainly for public lighting refurbishment will demonstrate the opportunity for municipalities to refinance investments through the achieved and guaranteed energy cost savings. The plan to use the technical assistance for preparing a good quality funding request to be presented to the ESIF is another opportunity for replication by other municipalities and might lead to a better absorption of these funds.				
Project status	Contract signed 18.12.2014. Start January 2015				
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