



ELENA Project Factsheet
Maximal PhotoVoltaic for Croatia
(PVMaX)

Location of planned investments	Croatia
Final Beneficiary	North-West Croatia Regional Energy Agency - REGEA
Final Beneficiary's address	Andrije Žaje 10 10 000 Zagreb Croatia
Sector(s) of investment	Renewable Energy and Energy Efficiency in Building
Total Project Development Services (PDS) cost	EUR 1,980,000
ELENA co- financing	EUR 1,782,000
Project Development Services (PDS) financed by ELENA	<p>The Project Development Services (PDS) financed by ELENA will provide support to implement a Renewable Energy (PV) and Energy Efficiency (EE) Investment Programme in Croatia.</p> <p>The PDS will be implemented by REGEA PVMaX's team and will consist of one Programme Manager, five Activities Leaders assisted by five Experts in charge of each investment component. REGEA will work in close collaboration with other regional energy agencies to provide a full geographical cover of the programme.</p> <p>In addition, the REGEA PVMaX's team will receive ad-hoc support from technical and legal external consultants. The number of internal employees who will work on delivering the PDS is estimated at 9 FTE on average during the programme. It is also expected that approximately 4 FTE will support the ELENA project as legal and technical subcontractors.</p>
PDS Timeframe	Q3 2021 – Q2 2024
Investment programme description	<p>Building-integrated PV investment concepts presented in the following points are fully in line both with the EU Green Deal and the NECP, and have been developed to address various stakeholder needs and nation-wide opportunities:</p> <ol style="list-style-type: none"> 1. Family houses integrated PV installation: <ol style="list-style-type: none"> a. Developed and implemented as a package by utilities, investment costs fully covered by utilities; b. Own investment by house owners. 2. Building-integrated PV on public and commercial buildings, investment made by private companies and electricity sold directly to building and/or network; 3. Community owned electricity suppliers as PVs integrated on buildings. 4. Energy efficiency measures related to electricity consumers in targeted buildings, in order to optimize the PV capacity and the investment allocation. <p>The total target of the investment is the installation of at least 100 MW of PV systems (including storage as necessary). Regarding</p>

	energy efficiency component, it will focus on the main electrical consumers in public and commercial buildings, such as HVAC, lighting and energy management system.
Investment amount to be mobilized	EUR 87.9m
Description of the approach to implement the Investment Programme	<p>As the investment programme will occur in different type of buildings, the PDS will depends of the building segment targeted:</p> <ol style="list-style-type: none"> 1. For homeowners, the PDS will finance the development of a web-based One Stop Shop to develop their PV project, support the regional authorities to optimise their subsidies programme, facilitate the development of new product by banks to address the individual PV market. 2. To address the PV in public and commercial buildings segment, the PDS will support the screening of 5,000+ buildings to determine the 1,000 with the most favourable conditions (positive assessment of the self-consumption capabilities and interest from the building's owner). In a second stage the PDS will help the owners to develop a feasibility study and contract with an installation company and/or a financing partner. 3. In addition, the PDS will support community-owned PV projects on multi-apartment or public buildings, by identifying willing participants, providing technical, legal and organisational support and managing the implementation. 4. Finally, on those selected public and commercial buildings, the PDS will support energy efficiency audits of the electrical consumption to help owners to balance the investment between energy efficiency and PV self-production and promoting contractual innovation by combining Energy Supply Contract with Energy Performance Contract.
Expected results of investments planned	<p>The total estimated contributions are:</p> <ul style="list-style-type: none"> • Energy Efficiency – Annual total energy saved 1.05 GWh representing a reduction of 19% compared to the baseline. • Renewable Energy – Annual total of 115 GWh RE electricity generation. • CO₂ reductions – Annual total reductions of 29,348 CO₂ eq t. • Jobs retained or created - in 900 equivalent FTE
Leverage factor (Minimum 20)	49
Status	Contract signed on 29/06/2021
Contact person at ELENA beneficiary	<p>Julije Domac – jdomac@regea.org Velimir Šegon - vsegon@regea.org</p>