



ELENA Project Factsheet

ZAGREB'S ACTION FOR GREEN RECONSTRUCTION & ENERGY EFFICIENCY NURTURING (ZA-GREEN)

Location of planned investments	The Investment Programme will be carried out in the City of Zagreb in Croatia
Final Beneficiary	The City of Zagreb, the Final Beneficiary of this ELENA project will be implementing the ELENA PDS.
Final Beneficiary's address	Trg Stjepana Radića 1 10 000 Zagreb - CROATIA
Sector(s) of investment	Energy efficiency and renewable energy sources investments in publicly buildings.
Total Project Development Services (PDS) cost	EUR 2 700 000
ELENA co- financing	EUR 2 430 000
Project Development Services (PDS) financed by ELENA	<p>The City of Zagreb will coordinate and implement the Investment Programme (IP), in accordance with two key strategic documents:</p> <ul style="list-style-type: none"> • Action Plan for Energy Efficiency of the City of Zagreb for the period 2022 to 2024 (Action Plan) • Programme of Energy Retrofit, Reconstruction and Construction of Public Buildings until 2030 <p>Based on the Programme of Energy Retrofit, Reconstruction and Construction of Public Buildings until 2030, the City has already established a dedicated Project Team for the preparation and implementation of the IP, under coordination of the Mayor's Office, which includes a group of government departments and agencies, including the North-West Croatia Regional Energy and Climate Agency – REGEA.</p> <p>The City of Zagreb will create a dedicated ELENA PDS Team. The main ELENA PDS activities for the preparation and implementation of the investment Programme are the following:</p> <ul style="list-style-type: none"> • Detailed revision of existing energy audits and existing documentation • Preparation of feasibility studies, including technical and economic details, evaluation of feasibility and selection of projects based on results of detailed revision, with the aim to include more buildings • Preparation of Main Project Design for 50 buildings that are needed for investment decisions • Application to call for subsidy grants • Screening and analysis of a large pool of buildings, focused on possibility of PV installation • Analysis and optimisation of PVs and storage systems on selected buildings, considering electric network configuration and integration in overall electricity system

	<ul style="list-style-type: none"> Development of tendering documentation including model contracts (EPC) <p>Preparation and publication of the Investment Tenders.</p>
PDS Timeframe	May 2023 to April 2026
Investment programme description	The City of Zagreb will implement a comprehensive Investment Programme addressing deep energy efficiency renovation of around 50 public buildings, of which around 20% will be performed through EPC. In addition to these buildings, the Investment Programme will include installation of RES and Building Energy Management System investments, which contain electrical storage for the PV installations and installation of the electrical charging stations (according to the European Performance of Buildings Directive). It is expected that RES (PV) will be installed on additional 50 buildings. Each of the investment component will have a great impact on energy savings, improving the environment and significantly reducing the CO ₂ emissions in the City of Zagreb.
Investment amount to be mobilized	EUR 85m
Description of the approach to implement the Investment Programme	The City of Zagreb will launch investment tenders for public buildings reconstruction as EPC (in cases where it is economically feasible) or standard work contracts (in cases where EPC is not economically feasible, and in which case the reconstruction will be financed through City budget and/or bank loans, and if possible, grants from RRF or EU structural funds).
Expected results of investments planned	<p>The total estimated contributions are:</p> <ul style="list-style-type: none"> Energy Efficiency – Annual total energy saved 29.8 GWh representing a reduction of 70% compared to the baseline. Renewable Energy production– Annual total 14.9 GWh CO₂ reductions – Annual total reductions of 8,700 tCO₂-eq representing a reduction of 80% compared to the baseline.
Leverage factor (Minimum 20)	35
Status	Contract signed on 21/04/2023
Contact person at ELENA beneficiary	Ivan Ivanković, ivan.ivankovic@zagreb.hr