



ELENA Project Factsheet SEE HAARLEM & ZANDVOORT

Location of planned investments	Haarlem and Zandvoort – the Netherlands
Final Beneficiary	Municipality of Haarlem
Final Beneficiary's address	<i>Grote Markt 2 2011 RD Haarlem - The Netherlands</i>
Sector(s) of investment	Energy efficiency investments in private residential buildings
Total Project Development Services (PDS) cost	EUR 2,775,000.00
ELENA co- financing	EUR 2,497,500.00
Project Development Services (PDS) financed by ELENA	<p>The ELENA grant will provide the necessary support to ensure renovation of buildings mainly focusing on measures that reduce energy use, prevent energy poverty, and prepare the buildings to connect to local sustainable heating solutions.</p> <p>The following activities will be carried out by internal staff and external consultants: Project management, Communication and Engagement, Energy audits, Feasibility studies, Technical studies, Financial engineering and Procurement support.</p> <p>The ELENA team in the Haarlem Municipality will manage and coordinate the PDS activities and the implementation of the Investment Programme as well as contracts and cooperation with external experts. The required technical expertise will be procured externally, according to the public national rules and will focus on supporting private homeowners. A One-Stop-Shop will be set up to provide technical and financial advice, procurement services as well as marketing services.</p>
PDS Timeframe	3 years, from September 2024 to August 2027
Investment programme description	<p>The IP is expected to reach EUR 47,767,400.00 and will involve more than 4 000 residential dwellings (homes and apartment) that will be renovated and/or (prepared to be) connected to sustainable heating networks or to heat pumps, to replace gas boilers.</p> <p>In this project, inefficient buildings, with a particular attention to dwellings of low-income families, are targeted to improve their energy efficiency. This will involve measures on envelope insulation and HVAC renovation, in order to phase out gas boilers and gas consumption and to prepare the buildings to be connected to sustainable (low carbon) heating solutions (such as the Schalkwijk and Ramplaankwartier Heat Networks) which the Municipality is implementing to reach its decarbonisation goal.</p>

	<p>The main expected energy efficiency measures to be realised are:</p> <ul style="list-style-type: none"> - Envelope insulation - Windows replacement - Ventilation systems - Replacement of gas boilers with heat exchangers to connect to sustainable heating networks or with heat pumps. - HVAC renovation (piping, radiators etc.) to prepare the buildings for the connection with sustainable heating network which will provide heat at low to medium temperature. - Installation of solar panels where possible.
Investment amount to be mobilized	EUR 47.8m
Description of the approach to implement the Investment Programme	<p>The Municipality of Haarlem acts as an aggregator as investors are represented by private homeowners, private homeowners' associations and two public heat network companies.</p> <p>With ELENA TA, the Municipality of Haarlem will provide the relevant support in project implementation (technical, financial, communication etc.) to:</p> <ul style="list-style-type: none"> - Set up a “one-stop-shop” for private homeowners and private homeowners associations providing financial and technical support for envelope insulation, windows replacement and ventilation measures, HVAC renovation and heat pumps installation. - Mobilise private investment in the residential sector to contribute to transforming Haarlem in a natural gas-free and sustainable city. - Tackle energy poverty by providing specific support to low-income families impacted by rising energy costs. - Decarbonise building stock and meet the local and national target of phasing out gas boilers and fossil fuels.
Expected results of investments planned	<p>The impacts that are expected to be generated from the Investment Programme are the following:</p> <ul style="list-style-type: none"> - Energy Efficiency – Annual total energy saved 14.6 GWh representing a reduction of 28 % compared to the baseline. - Renewable Energy – Annual total 8.44 GWh RE heat generation. - CO2 reductions – Annual total reductions of 4 659 CO2 t eq representing a reduction of 38% compared to the baseline. - Jobs retained or created – 136 FTE equivalent
Leverage factor (Minimum 20)	19
Status	Contract signed on 23/08/2024
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