



ELENA Project Factsheet

Sustainable Homes and Sustainable Heat in Zuid-Holland

Location of planned investments	Province of Zuid-Holland, the Netherlands
Final Beneficiary	Provincie Zuid-Holland
Sector(s) of investment	Energy efficiency in residential buildings, sustainable district heating, and integrated renewable energy (PV)
Total Project Development Services (PDS) cost	EUR 3,000,000
ELENA co-financing	EUR 2,700,000
Project Development Services (PDS) financed by ELENA	<ul style="list-style-type: none"> • Co-operation among public stakeholders to develop already identified investment projects; • Engagement with social housing operators and private home-owners to implement EE measures; • Feasibility studies, financial engineering, and implementation plans that make projects attractive to energy suppliers • Preparing tender packages for district heating networks; • Providing energy audits;
PDS Timeframe	Q3 2020 – Q3 2023
Investment programme description	As part of the national effort to phase out natural gas, the Province of Zuid-Holland will promote 10 local residential projects whereby the existing gas heating will be replaced with primarily low-temperature, renewable energy district heating networks. This will require also insulating the dwelling to an average energy class B. Some 3,645 dwellings will be retrofitted and 28 km of district heating networks will be built.
Investment amount to be mobilized	EUR 93.6m
Description of the approach to implement the Investment Programme	The Province will support municipalities and stakeholders involved through the process of making a Final Investment Decision (FID) which will trigger implementation. Investments by both the end-users and energy suppliers will be based on a proven business case and will require taking out loans, along with public grants.
Expected results of investments planned	Energy Efficiency – annual total energy saved 33.8 GWh Renewable energy – annual generation/extraction 32 GWh CO ₂ reductions – annual total reductions of 10,500 tCO ₂ eq
Leverage factor (Minimum 20)	35
Status	Contract signed on 30/09/2020.
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