



ELENA Completed Project Factsheet

Energy Efficient Reconstruction and Refurbishment of hospitals of VINZENZ Group (EERR-VIG)

Location	The Investment Programme should have been realised in the various locations of the Hospitals and other healthcare units of Vinzenz Group in Austria.
Beneficiary	Vinzenz Gruppe Krankenhausbeteiligungs- und Management GmbH, a Private Company (100% owned by a charity foundation - Sankt Vinzenz gemeinnützige Privatstiftung der Barmherzigen Schwestern - Sankt Vinzenz Non-Profit Private Foundation of the Merciful Sisters)
CoM signatory	No
Sector	Energy efficiency in public buildings
Total PDS costs	EUR 162,140
ELENA contribution	EUR 29,136
Project development services financed by ELENA	<p>The ELENA financed Project Development Services (PDS) provided, supported SANTESIS Technisches Gebäudemanagement & Service GmbH, a 100 percent subsidiary of the Vinzenz Group Service GmbH, for the preparation and development of energy efficiency investments in the hospitals and other healthcare units of Vinzenz Group in Austria.</p> <p>Due to the support of the PDS, an energy monitoring system has been developed for hospital buildings, in which multiple heavy energy consumers are present. More than 1000 energy measuring meters within the hospitals systems have been identified, measuring systems installed and the energy performance of the consumers have been optimised. Based on the experience gained, technical design standards for future renovations in the hospitals have been developed. Such energy performance standards will be now a part of the terms of tenders in future renovations projects within the Vinzenz Group.</p>
Description of ELENA operation	<p>The delivery of the ELENA PDS fell into this main elements:</p> <ul style="list-style-type: none"> • Management of the ELENA Programme • Preparation of the design standards for future renovations • Feasibilities studies for improvements of the energy performance in the hospitals (heating, cooling, ventilation)
Timeframe	January 2017 – December 2019
Basis for investment identification	The investment programme was prepared based on information provided by the different hospitals within the Vinzenz Group.
Investment programme description	Unfortunately, most of the planned investments could not be implemented due to different financial and non-financial circumstances. The only investment, which has been implemented within the ELENA project duration, was an upgrade of a ventilation system in one of the hospitals of the Group.

Investment in implementation phase	EUR 0.58m
Results expected to be achieved	The estimated impacts of this investment as follows: <ul style="list-style-type: none">• Energy Savings – Annual total energy saved 60 MWh/year• GHG reduction – 61 t CO₂eq/year
Leverage factor achieved	20
Lessons learnt	<p>Due to the ELENA TA project energy efficiency, became an important topic for the management of the hospitals within the Vinzenz Group. Important energy efficiency standards for building performance have been developed and will be included in future renovation projects.</p> <p>The management of such complex projects requires high commitment from the organisations management, intense involvement of planning resources and close cooperation and communication with each individual hospital.</p> <p>Financing resources for the investments should be secured in time.</p>
Further information sources	N/A
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