



ELENA Completed Project Factsheet
Central Denmark Energy Planning and Investment
(CeDEPI)

Location	Central Denmark Region												
Beneficiary	Central Denmark Region												
CoM signatory	Five out of eleven associated municipalities and public bodies have signed the Covenant of Mayor												
Sector	Energy Efficiency in buildings and in street lighting. RES in buildings.												
Total PDS costs	EUR 2 230 443.13												
ELENA contribution	EUR 2 007 398.82												
Project development services financed by ELENA	A Support Unit (Project Department) was created, initially with one project manager and seven technical experts, part of whom were seconded to partner municipalities. The Project Department Team coordinated the investment plan implementation, through technical assistance to the partners and tender preparation support. External expertise was hired through a framework agreement.												
Description of ELENA operation	<p>The work programme was divided in three stages:</p> <ul style="list-style-type: none"> • Project start: Recruitment of the team, agreement with external consultants to prepare and implement a framework for external consultants; • Preparation of tenders: building and street lighting energy audits, coordination of tenders; • Tenders launch and work supervision: tenders publication and evaluation, works construction and commissioning. 												
Timeframe	June 2014 – June 2017												
Basis for investment identification	Preliminary study and a data collection concerning potential investment projects in cooperation with the interested municipalities												
Investment programme description	<p>Achieved investments:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Sectors</th> <th>Contracted investments EUR</th> </tr> </thead> <tbody> <tr> <td>PV in buildings</td> <td>63 199</td> </tr> <tr> <td>EE Buildings</td> <td>38 472 932</td> </tr> <tr> <td>EE Street Lighting</td> <td>27 082 127</td> </tr> <tr> <td>EE Electrical Cars</td> <td>157 495</td> </tr> <tr> <td>TOTAL</td> <td>65 775 753</td> </tr> </tbody> </table>	Sectors	Contracted investments EUR	PV in buildings	63 199	EE Buildings	38 472 932	EE Street Lighting	27 082 127	EE Electrical Cars	157 495	TOTAL	65 775 753
Sectors	Contracted investments EUR												
PV in buildings	63 199												
EE Buildings	38 472 932												
EE Street Lighting	27 082 127												
EE Electrical Cars	157 495												
TOTAL	65 775 753												
Investment in implementation phase	EUR 65 775 753												
Expected results	<ul style="list-style-type: none"> • Energy savings: 35,49 GWh/y • RE heat and electricity generation: 0.038 GWh/y • CO₂ reduction: 7 778 t/y 												
Leverage factor	33												

Lessons learnt	<ul style="list-style-type: none">• Throughout the project, it was challenging for the Project Department to collect the required documents on the implemented investments from the municipalities. It could have been less challenging if the documentation requirements had been communicated to the final beneficiaries during the programme application process.• That is crucial to ensure the commitment of partnering municipalities through communication and physical presence in order to secure a satisfying progress in the investment programme.• Investments in buildings often require more TA budget than similar investments in public street lighting. Thus, it could be useful to differentiate the investment types when allocating the TA funds to each partner.• Municipal partners are organizations which are subject to political changes. Some initially planned investments and visions have changed from the application process during the ELENA programme. It was necessary for the Project Department Team to make adjustments in the TA funds allocations to ensure some municipalities compensate the investments reduction in others.
Further information sources	www.cedepi.rm.dk
Contact person at Beneficiary	Martin Peterson, Programme Manager, martin.peterson@rm.dk