



ELENA Project Factsheet
Flemish Energy Saving Programme Initiative
(FLESPI)

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| Location | Flanders, Belgium |
| Beneficiary | The Vlaams Energiebedrijf (VEB) |
| CoM signatory | No |
| Sector | Energy efficiency in buildings, building-integrated RES, street lighting |
| Total PDS cost | EUR 3 528 000 |
| ELENA contribution | EUR 3 175 200 |
| Project Development Services (PDS) financed by ELENA | <p>The ELENA support is requested to increase VEB's capacity to coordinate the investment programme, which is planned to be implemented in the EPC model. The support is needed in the following areas:</p> <ul style="list-style-type: none"> • Coordination of the investment programme, • Procurement preparation, • Project management, • Legal advisory, • Data management and IT platform, • Financial advisory, • Dissemination and capacity building. |
| PDS Timeframe | Q1 2019 – Q1 2021 |
| Investment programme description | <p>The investment programme will be composed of three work streams:</p> <ul style="list-style-type: none"> • EE in healthcare buildings (approx. 800 buildings) – implementation partially through the EPC model, • EE educational buildings (approx. 200 buildings) – implementation partially through the EPC model, • Street lighting (approx. 35 000 lamp posts) – standard contracting, however, the EPC model will also be considered. <p>The measures to be implemented in buildings are standard EE measures including insulation, boiler replacements, building integrated PV, heat pumps and indoor lighting systems. The street lighting programme consists of the replacement of district roads lighting to LED technology including several interventions in associated infrastructure (replacement of posts, cables, gears, remote control, and monitoring, etc.).</p> |

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| Investment to be mobilized | EUR 99m |
| Description of the approach to implement the Investment Programme | <p>VEB intends to cluster several projects in order to make smaller projects viable for EPC.</p> <p>It is expected that deep retrofit measures such as building envelope renovation will be financed by the departments themselves. In order to proceed fast with the measures, VEB will offer framework agreements that entities can use to avoid the organisation of the intense process of public procurement themselves. In the meantime, VEB is investigating possibilities to integrate building envelope measures in the EPC contracts as well.</p> |
| Expected results | <ul style="list-style-type: none"> • Energy Efficiency – Annual total energy saved 175 GWh • Renewable Energy – Annual total 4.4 GWh • CO₂ reductions – Annual total reductions of 54 000 CO₂ eq t |
| Leverage factor (Minimum 20) | 31 |
| Market replication potential | The proposed ELENA project is deemed replicable by other regional energy agencies across Europe. |
| Status | Contract signed on 27/12/2018 |
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