

ELENA: Supporting investments in energy efficiency and innovative urban mobility

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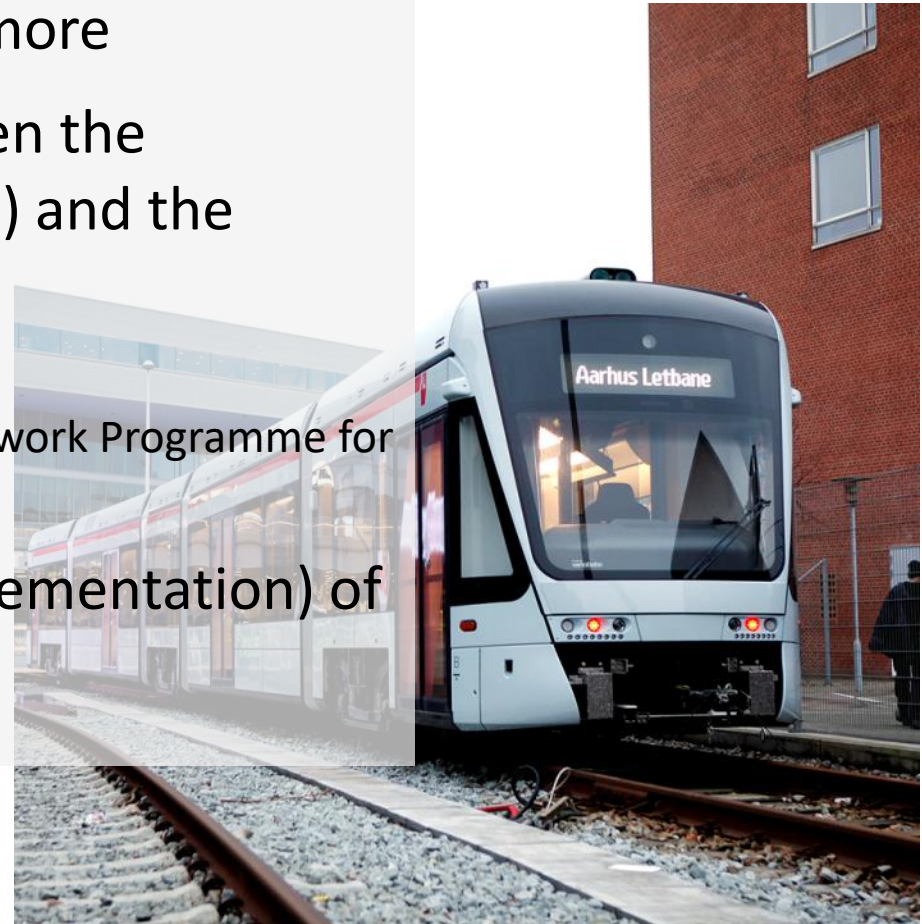
Outline

- ▶ What is ELENA?
- ▶ Who can benefit from ELENA?
- ▶ What type of investments does ELENA support?
- ▶ Eligible costs
- ▶ Application process
- ▶ Case studies



What is ELENA?

- ▶ Established in 2009 as European Local ENergy Assistance – not only local anymore
- ▶ Based on an agreement between the European Investment Bank (EIB) and the European Commission
 - ▶ managed by the EIB
 - ▶ financed by the Horizon 2020 Framework Programme for Research & Innovation
- ▶ Grant for preparation (not implementation) of investment programmes



Picture: Aarhus tram project

ELENA General Rules

- ▶ Technical Assistance facility: managed by EIB; funded by EU budget (H2020 programme)
- ▶ Project development support for energy efficiency; local renewables; clean urban transport
- ▶ Ex: energy audits, tender preparation, financial advice etc.
- ▶ Market replication focus (min. investment EUR 30 m)
- ▶ Grant covers up to 90% of costs related to project development support
- ▶ Budget allocation: first come, first served principle; in range of EUR 30m – 50m per year
- ▶ Obligation of investment implementation - leverage factor required:
 - ▶ 20 for sustainable energy projects
 - ▶ 10 for residential buildings and urban transport
- ▶ In case the leverage not achieved: grant may be clawed back
- ▶ Final beneficiary (applicant) doesn't have to be the one who is implementing the investment

ELENA Results

- ▶ More than 100 projects completed/ongoing with ELENA grants totalling EUR 186 million for project development support
- ▶ Foreseen supported investments around EUR 6.4 billion; expected energy savings 4,406 GWh, RES generation 1,203 GWh, 1.7m tCO₂ emission reduction
- ▶ Examples projects supported:
 - ▶ EE Public and residential buildings, in street lighting, development of DH networks, installation of roof PV plants
 - ▶ Clean urban transport: electric busses, ferries, vehicles
 - ▶ Partners: local/regional/national authorities, public entities, energy agencies, banks, non-profit organisations etc.
 - ▶ New, innovative approaches: Energy Performance Contracting, One Stop Shops
- ▶ Average leverage factor: 36

ELENA projects overview



[ELENA interactive map](#)

Who can benefit?

Public sector

- Local, regional or national authorities
- Other public bodies (e.g. energy agencies)
- Groupings of such authorities or bodies

Private sector

- Private entities planning to develop and support eligible investments: e.g. associations, mixed public/private, banks etc.

ELENA TA should not have purpose or effect of producing a profit

Eligible investment programmes

Sustainable Energy

- EE renovations of public and private buildings
- Street and traffic lighting
- Integration of renewable energy sources into the buildings
- Investments in district heating/cooling networks
- Local energy facilities that support EE/RE (e.g. smart grids)

Investment programmes implemented by the final beneficiary or by a third party

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Eligible investment programmes

Urban transport and mobility

- Investments to support the use and the integration of innovative solutions going beyond the current state of art for alternative fuels in urban mobility
- Vehicles, recharging infrastructure, energy-efficiency measures and systems

Investment programmes implemented by the final beneficiary or by a third party

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Eligible investment programmes

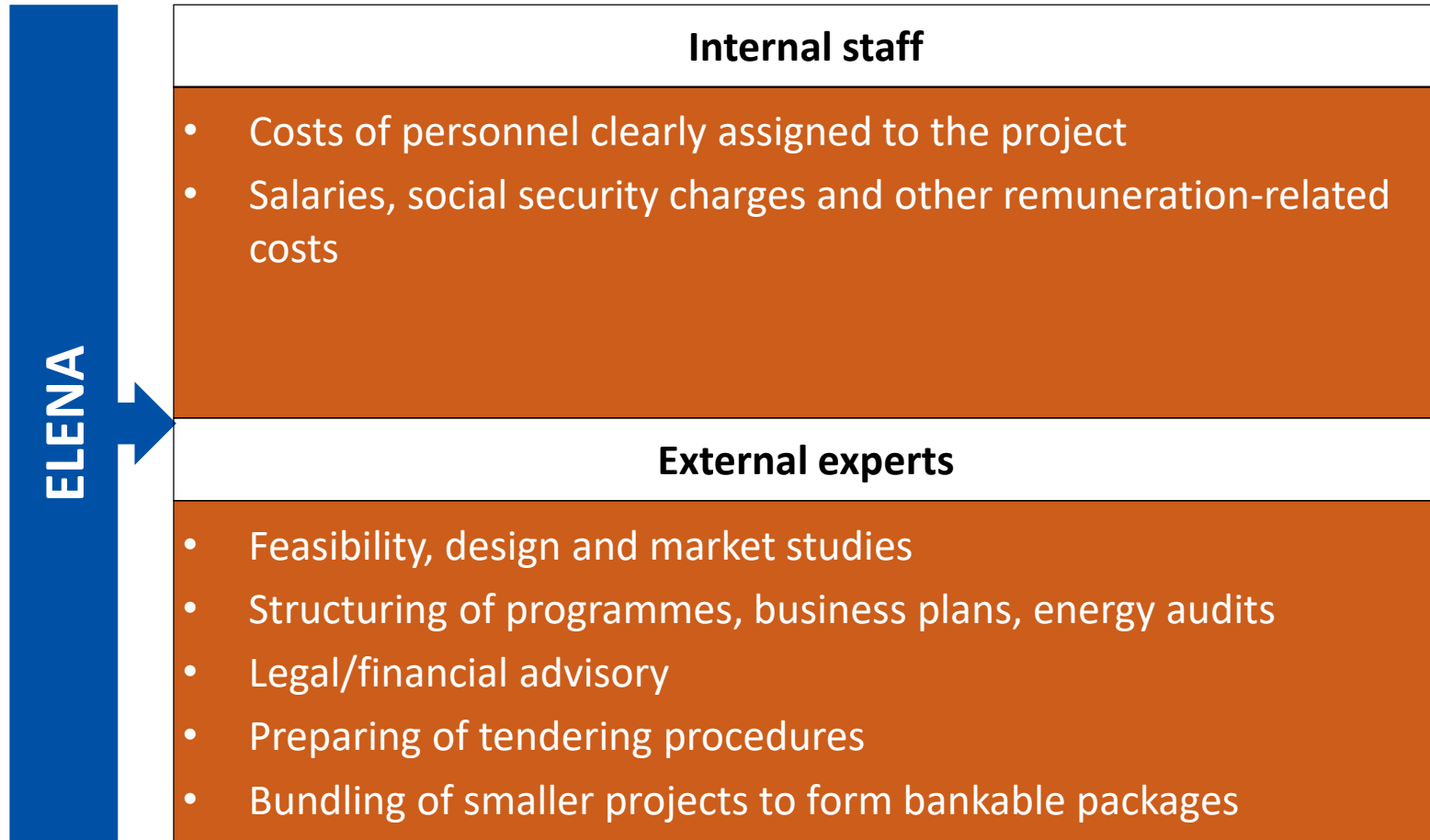
Residential buildings

- EE refurbishment of residential buildings
- Integration of renewable energy sources into the buildings
- Project development activities: assessing the energy performance of buildings: support for energy performance certificates or energy audits, access to financing: help households access financing from financial institutions, and/or available grants, setting up one stop shops etc.

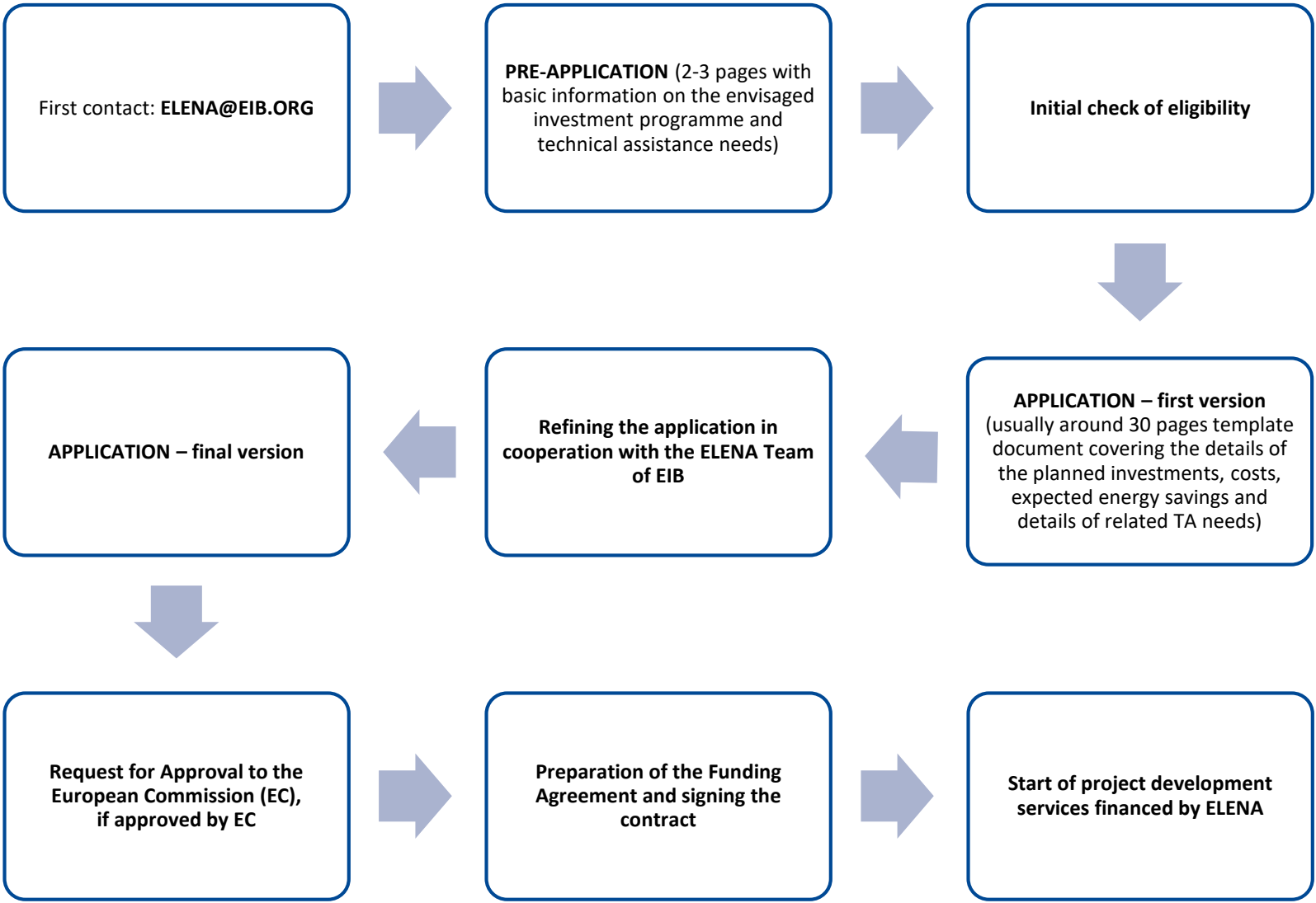
Investment programmes implemented by the final beneficiary or by a third party

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Eligible costs



Application process



Case study: EOL - Energetska obnova Ljubljane

- ▶ Beneficiary: City of Ljubljana
- ▶ Objective: retrofit of public buildings using Energy Performance Contract (EPC) model
- ▶ Estimated investment programme cost: 49 MEUR
- ▶ ELENA support: 1 MEUR
- ▶ Project finalized

ELENA support:

- ✓ Technical support: extended energy audits, specifications on software and information system for energy management, measurement of electricity consumption profile, pre-investment documentation for the deep energy retrofits, project documentation for the connection to the district heating system, thermography examinations, energy monitoring
- ✓ Establishing of Project Implementation Unit: programme management
- ✓ Financial and economic feasibility studies
- ✓ Analyses to find an optimal way to use PPP legislation for the implementation of EPC



Case study: Picardie Pass Renovation

- ▶ Beneficiary: Regional Public Service Company for Energy Efficiency in Picardie
- ▶ Objective: energy efficiency renovations of private houses through setting up a one stop shop (assistance during whole EE refurbishment cycle, including also dedicated loan for home owners)
(final balance: 1 240 homeowners assisted; providing work to more than 300 local craftsmen and companies)
- ▶ Location: Picardy Region, France
- ▶ Expected investment programme cost: 33.5 MEUR
- ▶ Financing source for dedicated loan: European Investment Bank
- ▶ ELENA grant received: 1.67 MEUR

ELENA support used for:

- ✓ Development of a public service company for EE implementing an investment program with private home owners including financing
- ✓ External assistance to support each homeowner in the works implementation phase
- ✓ Cooperation with partners in view of promoting the service, identifying potential homeowners and prepare contracts

Thank you for your attention!

Further information:

www.eib.org/elena