

MANAGENERGY NETWORKING EVENT PEER REVIEW ON TECHNICAL ASSISTANCE FACILITIES ELENA AND PDA - AN OPPORTUNITY FOR THE ENERGY AGENCIES

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IRE spa – Energy Depart.

IRE - WHO WE ARE

WHO WE ARE: IRE SpA is a public equivalent body located in Genoa (IT) founded in 2014 by Liguria Region (Law nr. 6/2011) by merging the three companies (eg. the former regional energy agency ARE Liguria)

MAIN AIM: Aims of IRE are urban regeneration, infrastructures development and the implementation of energy policies in Liguria

WHAT WE DO: The Energy department of IRE deals with:

- energy plans, energy balances, energy audits to support policy making
- innovative energy financing programmes and investments aggregation (ELENA and PDA)
- Covenant of Mayors and smart city
- elaboration of feasibility studies and business plans for small RES
- management of the energy certification of buildings process (regulation, software, checks, training)
- purchase of gas and electricity on the market for public bodies
- vocational training as well as information and communication on energy matters
- European projects.

LARGE SCALE PROJECTS

Our experience

- ELENA EIB «PROSPER»
- H2020 PDA «ENERSHIFT»
- ELENA EIB «GEN-IUS»

EIB ELENA “Prosper”

Province of Savona Pact for Energy Efficiency and Renewables

Energy retrofitting of public buildings and street lighting + biomass heaters for greenhouses

Deriving from Covenant of Mayors promotion in the Province

Duration: Jan 2015-Dec 2017 (+ 1 year)

Initial Investment programme: € 42 mio

Technical assistance facility: 1,46 mio di €

EIB Cofinancing: 1,34 mio di €

Leverage: 1:32



PARTNERSHIP
Savona Province +
33 Municipalities

Tasks:

Elaboration of analyses (energy audits and lighting inventory) and tenders for Third Party Financing and ERDF funds application.

IRE supported the Province in the creation of the partnership, in the elaboration of the investment programme, in the preparation of the AF and in the contract set up phase

EIB ELENA “Gen-Ius”

GENova – Innovative Urban Sustainability

Energy retrofitting of buildings, street lighting, domotics, smart energy districts

Deriving from Genova’s SEAP and smart city process. Long preparation phase

Duration: 2018 -2020

Total investment programme: \approx 40 mio €

EIB cofinancing: \approx 1,3 mio €

Leverage: 1:30



PARTNERSHIP
Municipality Genova
(leader),
Metropolitan City +
26 municipalities

Tasks:

Elaboration of analyses (energy audits and lighting inventory) and tenders for Third Party Financing.

IRE supported Genova in the creation of the partnership, in the elaboration of the investment programme, in the preparation of the AF and in the contract set up phase

H2020 PDA "enerSHIFT"

enerSHIFT - Social Housing Innovative Financing Tender for Energy Energy retrofitting of social housing buildings

Duration: Feb 2016 – Jan 2019

Total investment: 15 mio €

Project budget (100%): ab 1 mio €

Partnership: 7 local partners

Leverage: 1:15



PARTNERSHIP
Liguria Region
(leader), IRE, 4 SHOs'
+ 3 tenants'
syndicates

Tasks:

Elaboration of analyses (energy audits), financial scheme, tender documents, tenders for Third Party Financing and tenants training.

IRE's role:

Prepared the project proposal and is the main technical partner of the project, delivering the technical aspects

COMMON ISSUES/LESSONS LEARNT 1/2

■ Long preparation phase. Need to:

- Create momentum
- Simplify difficult technical issues
- Be able to speak to different audiences
- Be able to overcome initial skepticism

■ Long development phase

- Data collection is a long & wild process
- Calculations often not based on reliable data
- Need to have a much bigger roster of possible interventions as calculations often highlight lack of pre-feasibility
- Investment programme approval procedure

- **Implementation phase**
 - Continuous changes to investments (be flexible!)
 - Tenders duration and complexity
 - Market readiness
 - Normative changes
 - Political changes
- **Results can be quite different from the plans**
 - **Eg. Leverage**
 - ask local entities to provide you with a formal act committing to the investment programme
 - Better if higher than requested (1:15 or 1:20) due to a risk of losing investments during implementation phase

BUT:

- **Peer learning and experience exchange are very useful!**
- **Innovation**
- **Technical know-how growth**
- **Collaboration among different policy sectors**

Thank you
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