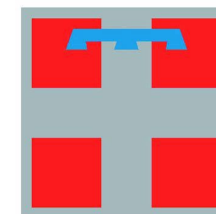


The facilitation service for energy renovation of public buildings in Piemonte Region

Silvio De Nigris

Regione Piemonte - Sustainable
Energy Department



**REGIONE
PIEMONTE**

Piemonte in a nutshell



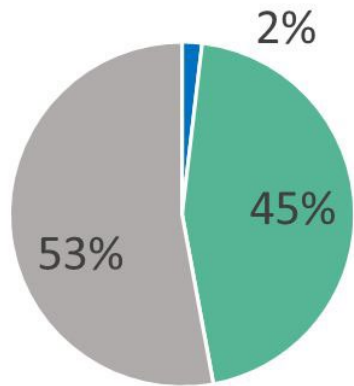
PIEMONTE REGION



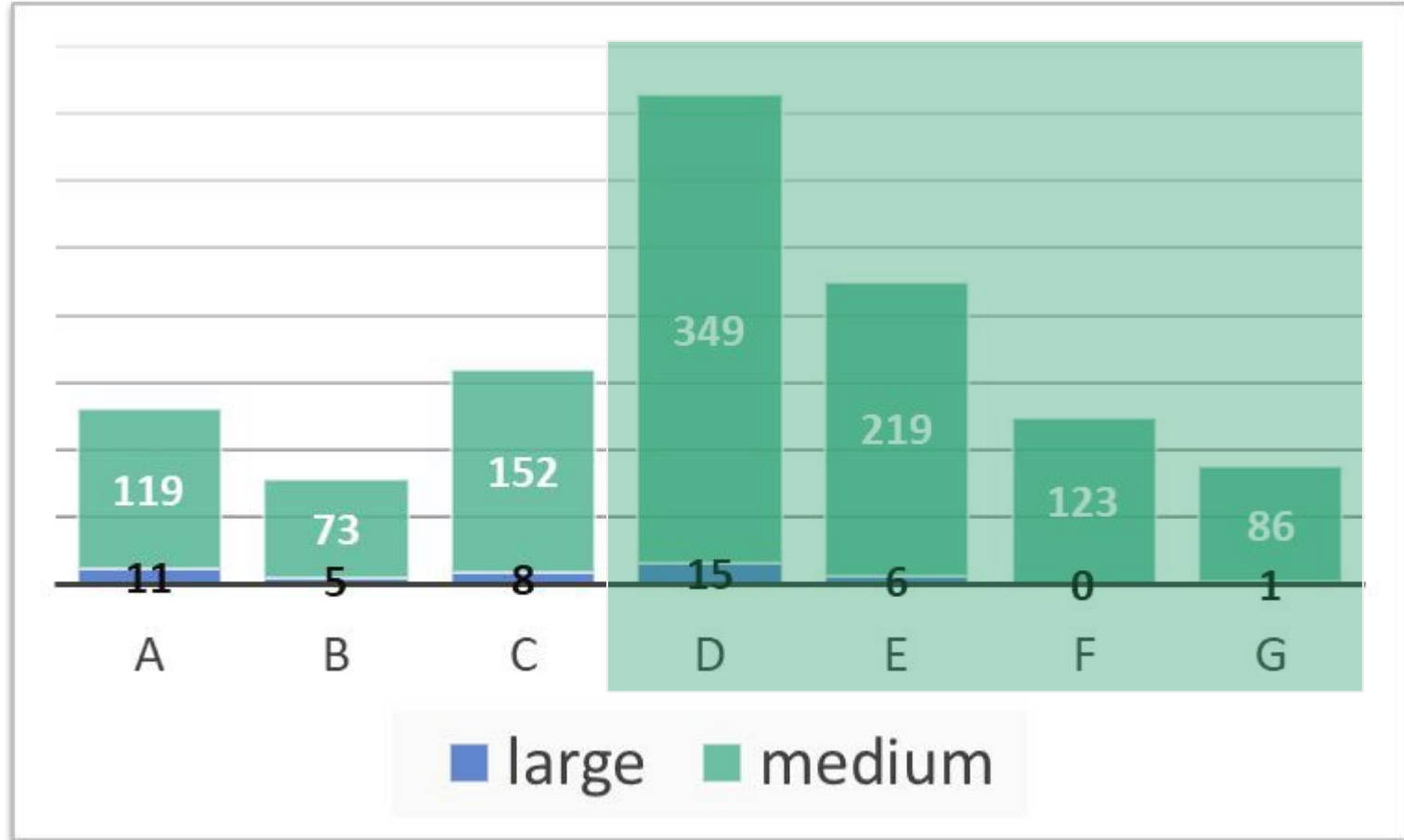
- 4.3 millions inhabitants
- Half of the territory is mountain area
- 8 Provinces and more than 1.200 Municipalities
- 12 Mtoe Gross Energy Consumption (55% based on natural gas)
- 10 Mtoe of Final Energy Consumption (50% in the building sector)
- 20% of renewables in final consumption
- About 2400 public buildings

Public buildings in Piemonte

Public buildings and their Energy Performance



■ large ■ medium ■ small



■ large ■ medium

Large > 10.000 sqm
Medium > 1.000 sqm

Target: about 800 buildings
About 10% will be renovated with GASLESS

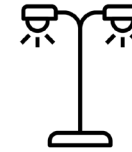
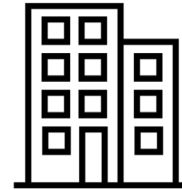
The background experience on EPC



2014 - 2017



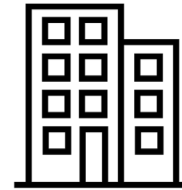
Intelligent Energy
for Europe



2017 - 2020



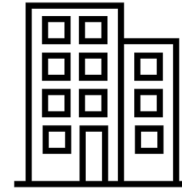
Interreg MED



2021 - 2022



Interreg MED



2023 - 2027



Life CET



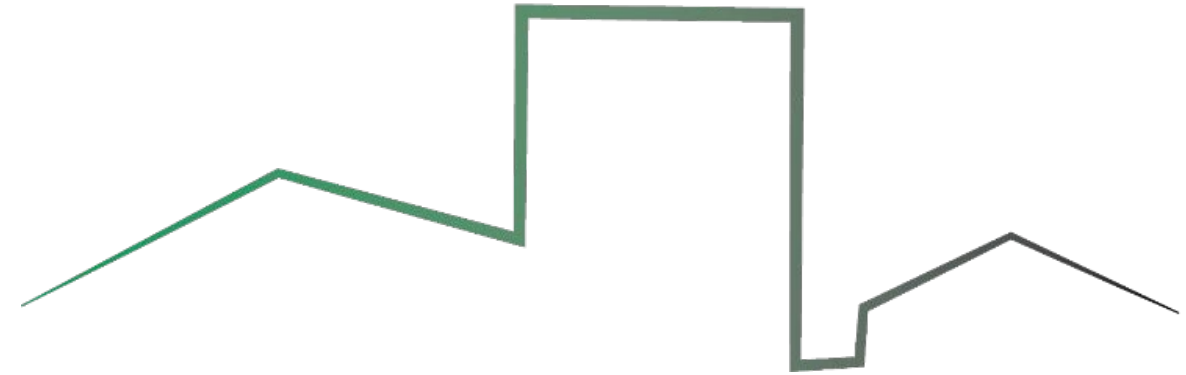
About 20 M€ of energy efficiency investments already awarded in the last 5 years





GASLESS aims at:

- Promote forms of demand aggregation to define a consolidated portfolio of energy efficiency investments in the public buildings sector
- Provide an integrated technical assistance service on technical, financial and legal aspects at no cost to municipalities and public entities in Piedmont
- Standardize the support process in order to facilitate its replication over time (Rounds of support are envisaged).

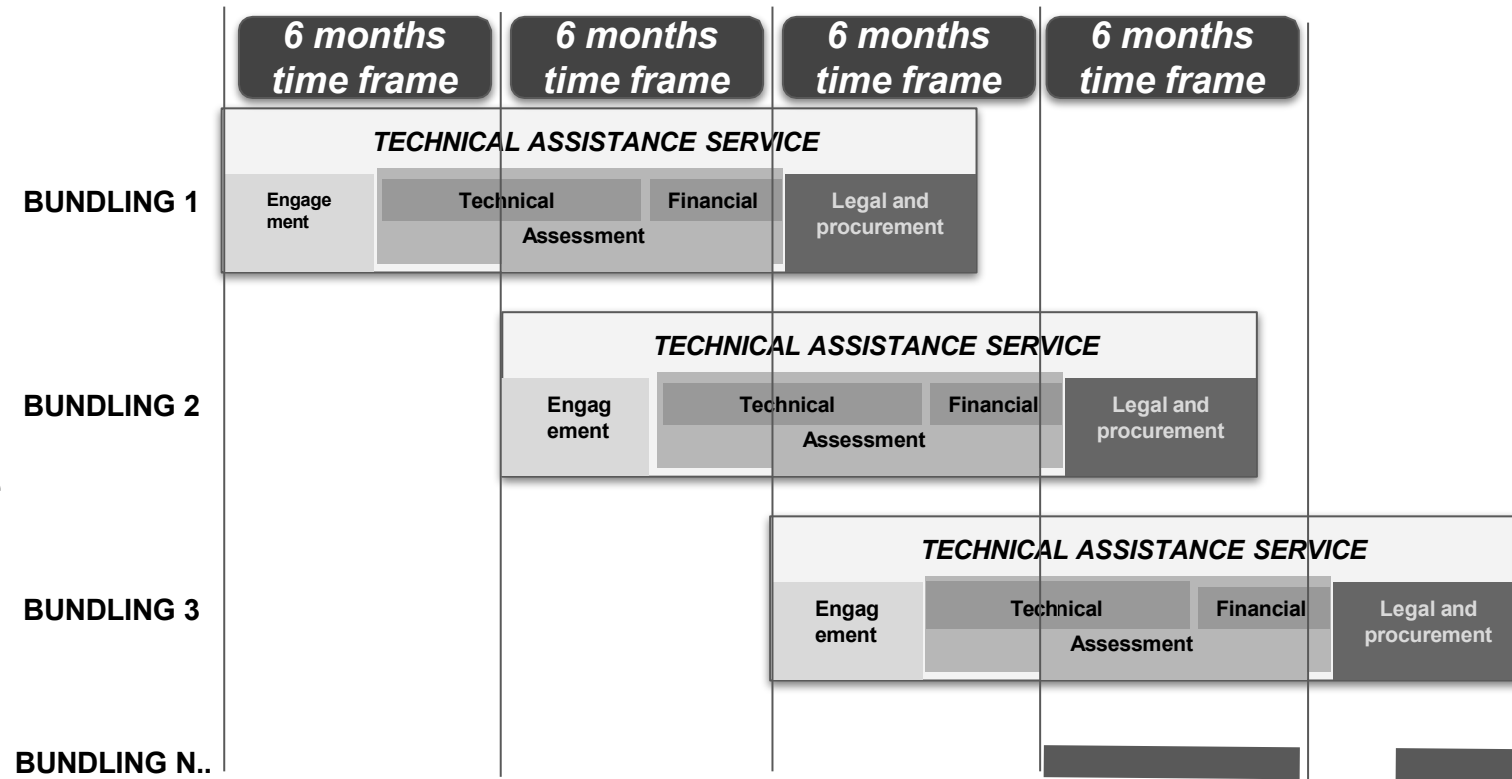


- Duration: 4 years since September 2023
- Budget: 1,4 M€
- European Co-financing: 95%
- Partner:
 - Regione Piemonte
 - Environment Park
 - PR.I.SMA
 - SCR Piemonte

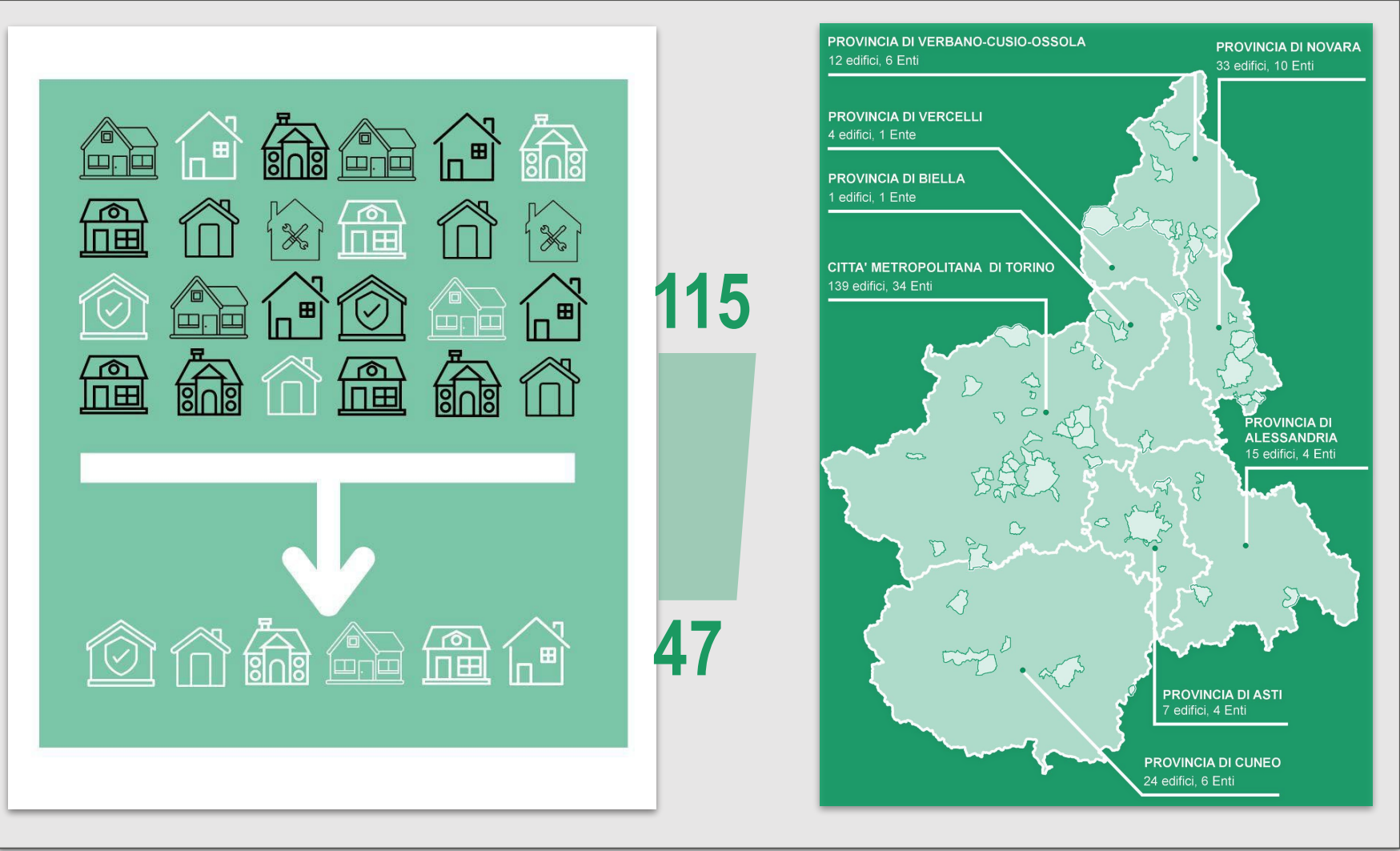
Project concept



- The project intends to work on 3 dimensions (Coordination, administrative/legal, Technical and financial) of support
- It also intends to fine tune the process with a logic of improvement due to standardization and replication

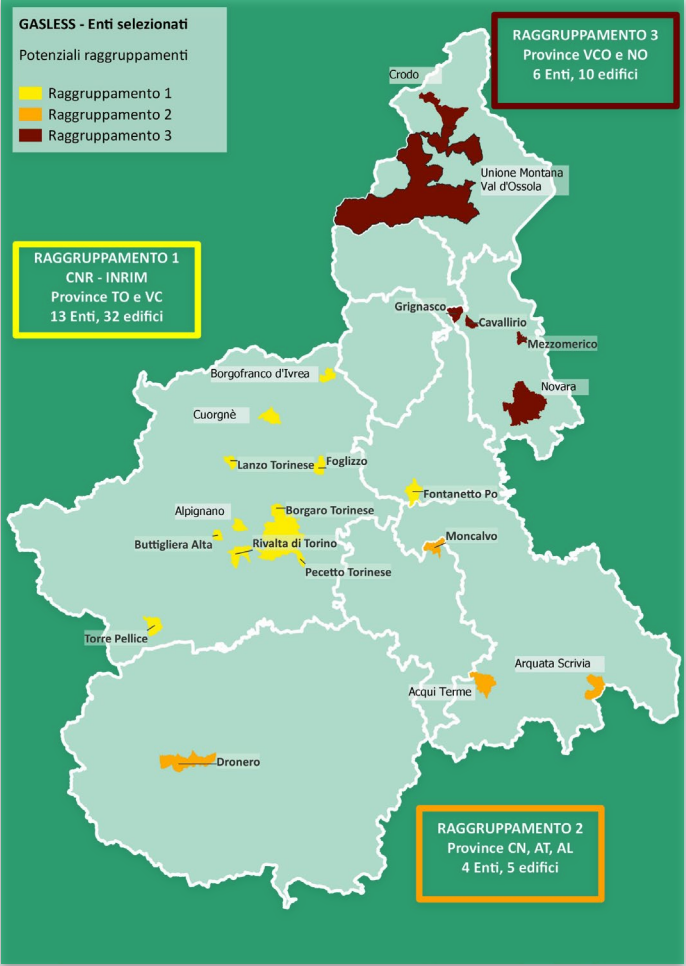


Selection process - coordination dimension



- Call for interests to be launched periodically
- The first call has been opened in **November/December 2023**
- 66 applications for 115 buildings
- The selection reduced the number by the 30%, due to:
 - size limits,
 - architectonic constraints,
 - contractual constraints,
 - level of performance
 - etc.

Selection process - coordination dimension



- 3 Groups are envisaged
- One with 30 buildings and two with less than 10 buildings
- The larger group is already under formalization
- New calls are needed to enlarge the smaller groups in order to create a more solid investment portfolio
- The next calls should be more territorial focused

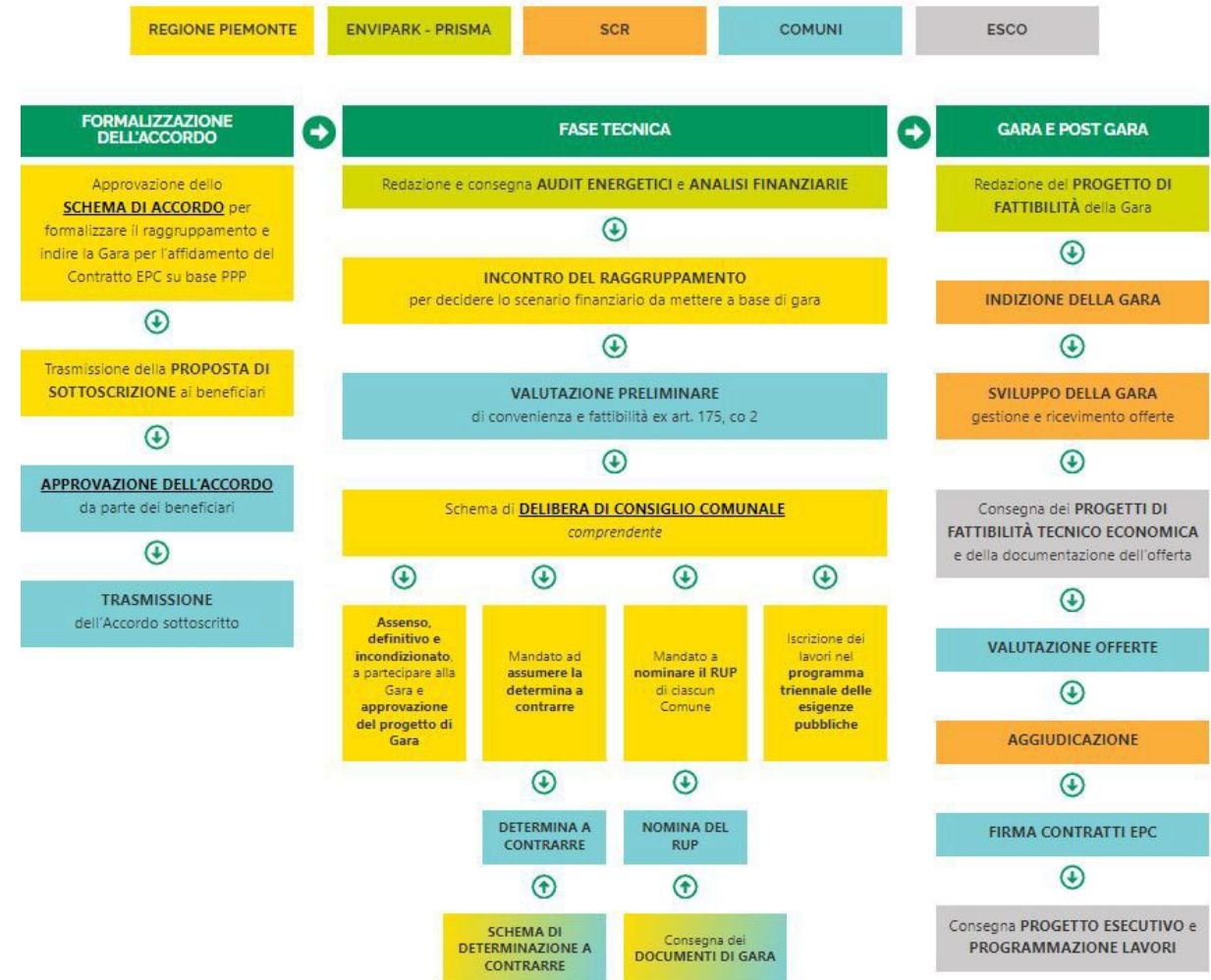
Administrative/legal dimension



The process has been mapped in detail and should be tested in order to be:

- a. as fast as possible
- b. replicated along the years with less efforts

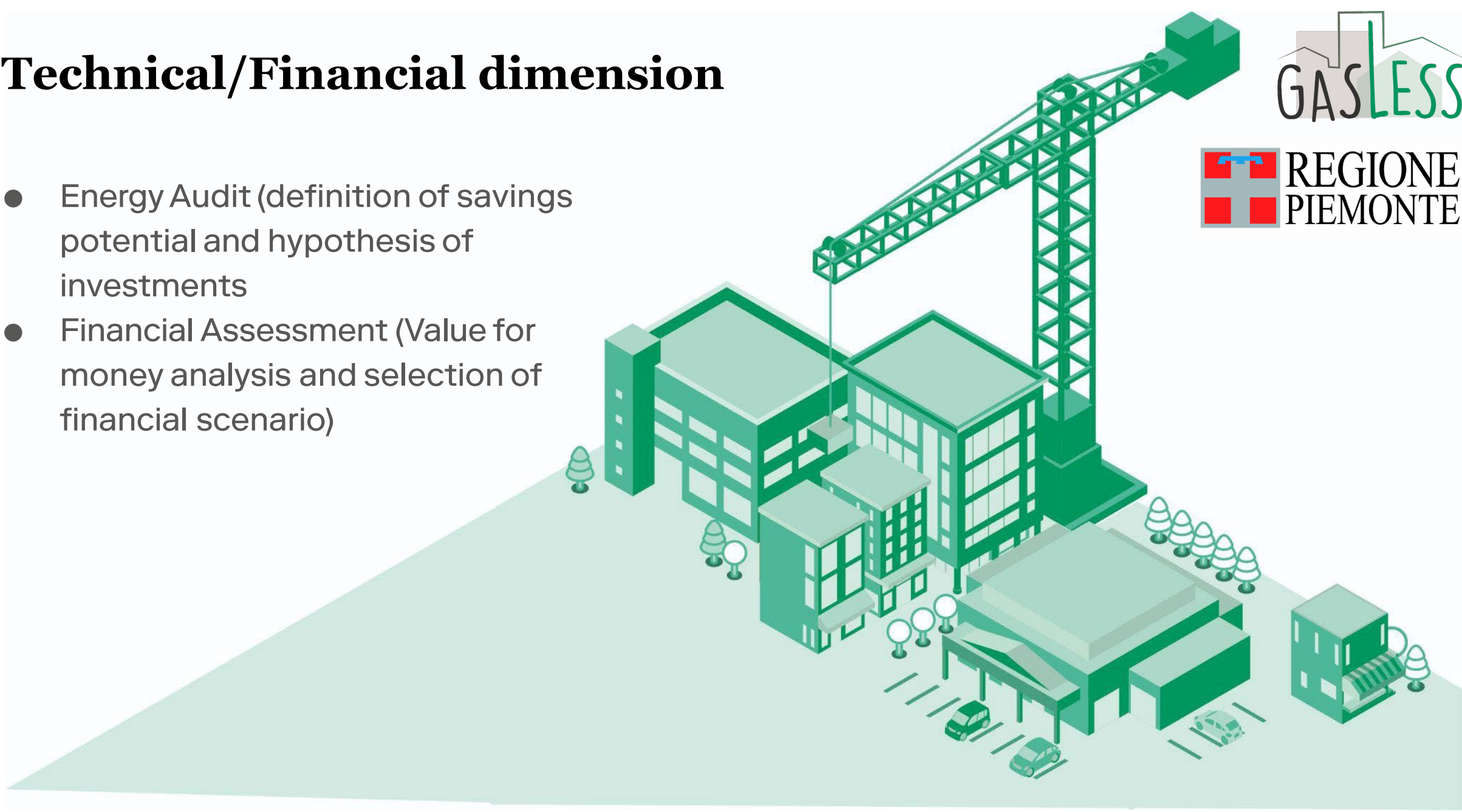
Tender documents, contracts and decision acts have been elaborated in order to be customized every round of support.



Technical/Financial dimension

- Energy Audit (definition of savings potential and hypothesis of investments)
- Financial Assessment (Value for money analysis and selection of financial scenario)

GASLESS



State of play



Progetto 2020Together

Comuni di Bruino, None, Orbassano, Piossasco e Volvera

Risultati

- Riqualificazione energetica di **18** edifici pubblici
- EPC della durata di **13** anni a partire dal 2017
- Risparmio energetico offerto: **61%**
- Investimenti in efficienza energetica: circa **4 Milioni** di euro



Scuola di Orbassano

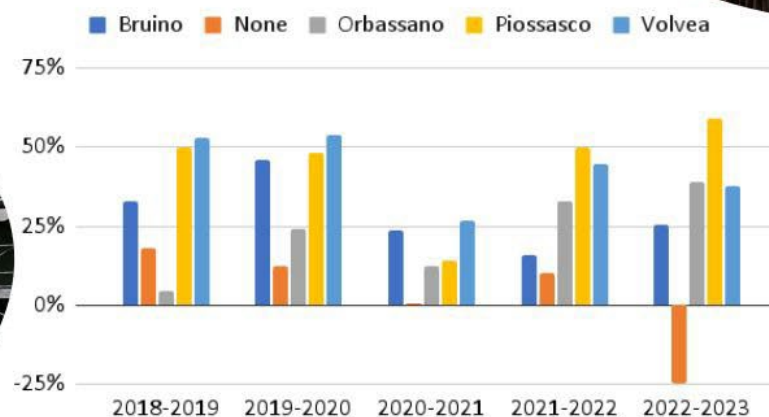


Scuola di Orbassano



Scuola di Volvera

Monitoraggio dei risparmi energetici misurati



Cofinanziato
dall'Unione europea



Riqualificazione energetica INRIM

Istituto Nazionale di Ricerca Metrologica a Torino

Risultati

- Riqualificazione energetica di **8** edifici pubblici
- EPC della durata di **15** anni a partire dal 2021
- Risparmio energetico offerto: **32%** per l'energia termica e **28,3%** per l'energia elettrica
- Investimenti in efficienza energetica: circa **3,5 Milioni** di euro



Isolamento a cappotto



Lavori di riqualificazione



Impianto fotovoltaico

Interventi realizzati

- Cappotti termici: **580** mq
- Insuflaggio doppio solaio: **650** mq
- Insuflaggio intercapedini pareti: **359** mq
- Relamping: **1126** pz
- Rifacimento di una centrale termica con telecontrollo
- Impianti FV: **471** kW



Cofinanziato dall'Unione europea

GASLESS

Sportello per la Transizione Energetica

La **Regione Piemonte**, insieme ad **Environment Park** gestisce una serie di servizi di assistenza tecnica, in collaborazione con altri stakeholders, per rafforzare e velocizzare il processo di transizione energetica verso la neutralità climatica.

Sono attivi servizi specifici per la riqualificazione energetica degli edifici privati, degli edifici pubblici e per la promozione delle **Comunità Energetiche Rinnovabili**.

Enti pubblici e cittadini sono invitati a rivolgersi ai servizi offerti dallo **Sportello Energia Piemonte!**

Several initiatives based on the concept of One-Stop Shop



Sportello Energia Piemonte

Edifici Residenziali

Vai al sito



GASLESS

Edifici Pubblici

Vai al sito



RECROSSES
L'energia che unisce - L'énergie qui unit

Comunità Energetica Rinnovabile

Vai al sito



<https://www.sportelloenergia.envipark.com/>

If you would like further information, please contact us at

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silvio.denigris@regione.piemonte.it

Videos



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