

WP3 – Summary Results/Indicators of tendering documents carried out for the GAL Mongioie in Italy.

- **3 pictures of concerned buildings**



- **General description of the pilot and its location**

The Investment Plan involve 14 public buildings belonging to 9 municipalities, namely Monastero Di Vasco, Niella Tanaro, Ormea, Pamaparato, Roburent, Roccaforte Mondovì, Saliceto, San Michele Di Mondovì and Garessio, all of them belonging to the Mongioie group (GAL Mongioie). All Municipalities are settled in the province of Cuneo, in the South part of the Piemonte Region. Six buildings are office buildings, four are schools and then there are two leisure centers and two health care centers. The overall heated surface of the pool of the buildings is nearly 9.000 sqm, with an heated volume of about 47.000 cubic meter and a baseline consumption of 55.500 cubic meter of natural gas, 370 MWh of district heating and 38 tons of biomass. The buildings are quite different each other.

The following tender documents have been prepared for the tender procedure:

- Call for tender
- Tender specifications
- Operation and management Plan
- Performance Measurement and Verification Plan (either for thermal and electric consumption)
- Templates for delivering the bid (administrative modules, technical and economic offer modules)
- Contract template with risk matrix allocation

Several meetings took place between the technical assistance service and the GAL Mongioie which was the territorial coordinator for the involved municipalities. All Municipalities endorsed a formal adhesion in their Municipal Councils during May 2019, signing a MoU among themselves. On the 31st of July, GAL Mongioie approved official the Investment Plan provided by STEPPING and asked for a

technical approval by each Municipalities. This happened during September. Finally the tender documents have been finalized and sent to GAL Mongioie on the 18th of October. Soon after the GAL Mongioie selected the contracting authority for the launching of the tender procedure.

- **Responsible project partner details**

Organisation name	Piemonte Region Environment Park
Name of the STEPPING referent	Silvio De Nigris Stefano Dotta
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- **Summary/Results Indicators**

No. of Municipalities/Public Bodies involved	9 Monastero Di Vasco, Niella Tanaro, Ormea, Pamaparato, Roburent, Roccaforte Mondovi', Saliceto, San Michele Di Mondovì and Garessio
No. of buildings (bundled EPC)	14
Heating Degree Days	2.800-3.300
Heated volume (m3)	26.294
Usable area (m2)	8.927
Total Investments needed (€)	715.661
Loan by the Public Body? If yes, amount (€)?	No

Available funding/incentives (€)	public considered	The National incentive “Conto termico” About half of the investments
VAT (%)		22%
Energy vector included? If yes, related value (i.e. €/standard cube metre of methane gas and or €/kWh)		Yes. 0.12 €/kWh for district heating 0.55 €/Sm ³ for natural gas 253 €/ton for biomass
O&M included? If yes, related value (€)		Yes 13.000 €/y
Typology of ECM- Energy Conservation Measures (description)		A set of measures for each building such as: <ul style="list-style-type: none"> • change of heating system • insulation of roofs • insulation of envelopes • energy management system <p>The above list is only indicative and details are provided for each building in the audits. In any case it is the ESCO that is asked to provide its own solutions during the bid delivery.</p>
Energy saving (%)		For each Municipality and energy curries a minimum energy saving target is fixed, it ranges from 26% to 41%.
kWh ANTE and kWh POST implementation ECMs (not standard but resulting from the energy audits)		For each Municipality and energy curries an energy baseline is fixed. In total the following baselines have been defined: <ul style="list-style-type: none"> • 113.647 Smc for natural gas

	<ul style="list-style-type: none"> • 368.419 kWh for district heating • 39 tons for biomass
Avoided CO2 emissions (kgCO2/y)	NA
Yearly fee (€/y), possibly with details on how it is split out	Total fee: € 143.108 Energy saving fee: € 55.051 Maintenance fee: € 13.090 Fuel fee: 74.967