



**IEE/11/MLEI/869.SI2.616385 - Paride**

## **Abstract**

In order to endorse and support the efforts deployed by local authorities in the implementation of sustainable energy policies, the European Commission launched the "Covenant of Mayors" initiative in 2008.

Since September 2009, the Province of Teramo has been recognised as a supporting structure for the 47 municipalities of the province. All municipalities have joined the Covenant and are developing their Sustainable Energy Action Plans (SEAPs).

The Municipal Baseline Emissions Inventories (BEI) show that almost 70% of local electricity energy consumption is due to street lighting.

The Region of Abruzzo, also supporting structure of the Covenant of Mayors, has recently updated the Regional Law 12/2005 concerning the "Urgent measures for light pollution reduction and energy saving" and confirms the attention of public authorities towards street lighting.

Despite the existence of this Regional law, the lighting stock is inadequate if compared to the law, because of the use of outdated installations as well as a widespread use of low-efficiency lamps.

The Province of Teramo is developing a shared technical assistance (TA) structure working to prepare and launch the investments on street lighting for itself and for the 3 ATS (association of municipalities, involving 33 Municipalities of the province), representing a population of 237.243 inhabitants.

This will accelerate the implementation of an estimated 16.8 million Euros investment in the street lighting sector, in order to save energy, costs and greenhouse gas emissions.

TA is needed to enable the transition from potential to real investment projects and to facilitate the mobilisation of funds for investments in small and medium-sized municipalities which, if not aggregated, could not make the upgrade of street lighting economically viable.

The required TA will contribute to:

- set up a support unit (TA Province of Teramo, TA AGENA, TA external experts for legal, financial, technical aspects);
- define tender specifications in order to select a procedure for the implementation of investments via ESCOs;
- launch competitive dialogues for 3 bundles of municipal street lighting facilities
- Sign contracts estimated at 16.8 million Euros.

### **Major outputs & expected results**

The PARIDE project will last 36 months.

First, it is expected to carry out an accurate recognition of the lighting stock in each municipality (member of ATSs) on the basis of the common methodology developed by AGENA. The survey will be done by subcontractors in accordance with the internal public technicians.

The upgrading of outdated installations and the installation of dimmer systems, as well as more efficient lights in the galleries within the competence of the Province, will be funded through third parties (ESCOs).

The TA, represented by staff from Province of Teramo, AGENA and external experts defines tender specifications (baseline, functional, legal and administrative) in order to launch the 3 tenders.

The scheduling of the investment programme provides to launch a first contract then the two others in order to improve through experience and to create a tailor-made energy performance contract.

By the end of the project, contracts signature will be provided.

The expected results during the PARIDE lifetime are:

- To prepare 3 sustainable energy projects (one for each ATS) which are considered economically viable;
- To overcome the economic and cultural barriers, by defining a common standard approach, resulting in a new way of managing street lighting installations through ESCOs;
- To create economies of scale;
- To generate positive synergies between municipalities, relevant stakeholders (the professional associations, trade associations) and ESCOs;
- To consolidate and / or create job opportunities
- To transfer PARIDE approach across Italy and Europe.

### **List of Participants:**

<b>Part. N°</b>	<b>Participant name</b>	<b>Short name</b>	<b>Country code</b>	<b>Profile of the organisation</b>	<b>Main role in the Consortium</b>
<b>CO1</b>	Province of Teramo	PROVTE	IT	Local public authority	Technical, financial and policy expert
<b>CB2</b>	ATS Paride Gran Sasso	ATS A	IT	Local public authority	Policy expert
<b>CB3</b>	ATS Paride Costa Blu Nord	ATS B	IT	Local public authority	Policy expert
<b>CB4</b>	ATS Paride Costa Blu Sud	ATS C	IT	Local public authority	Policy expert
<b>CB5</b>	AGENA srl	AGE NA	IT	Energy Agency	Technical expert

The consortium includes 5 partners:

- 1 the Province of Teramo
- 2 ATS Paride Gran Sasso
- 3 ATS Paride Costa Blu Nord

- 4 ATS Paride Costa Blu Sud
- 5 AGENA, the Agency for Energy and Environment of the Province of Teramo.

ATS stands for Temporary Association to achieve a specified purpose, and have been created in order to implement PARIDE project. ATSs are governed by a statute, that defines rules and commitments of the members.

33 Municipalities are gathered together in 3 ATS that have a specific mandate to work on behalf of the Municipalities. Municipalities have been grouped following a territorial criterion. All the three ATS include the Province of Teramo.

<b>ATS A – Gran Sasso</b> <b>Leader: Teramo</b>	<b>ATS B - Costa Blu Nord</b> <b>Leader: Tortoreto</b>	<b>ATS C – Costa Blu Sud</b> <b>Leader: Roseto degli Abruzzi</b>
1 Teramo,	17 Alba Adriatica,	26 Atri,
2 Basciano,	18 Bellante,	27 Bisenti,
3 Castel Castagna,	19 Campli,	28 Castiglione Messer Raimondo,
4 Castelli,	20 Colonnella,	29 Castilenti,
5 Cermignano,	21 Civitella del Tronto,	30 Montefino,
6 Colledara,	22 Controguerra,	31 Pineto,
7 Crognaleto,	23 Corropoli,	32 Roseto degli Abruzzi
8 Fano Adriano,	24 Giulianova	33 Silvi
9 Isola del Gran Sasso,	25 Tortoreto	
10 Montorio al Vomano,		
11 Penna Sant'Andrea,		
12 Pietracamela,		
13 Rocca Santa Maria,		
14 Torricella Sicura,		
15 Tossicia		
16 Valle Castellana		