
Municipality of Catania [IT]

Summary Roadmap



PUBLnEf has received funding from European Union's Horizon 2020 research and innovation programme under grant agreement No 695923

Identification of the regulatory and financial framework for EPC contracts for buildings, aimed at their valorisation, dissemination and market development in Italy

ROADMAP SUMMARY DOCUMENT

Released by Pietro Falconi (ENEA), Wen Guo (ISNOVA)

In April 2017

With the support of OO ESV, CIEMAT

Disclaimer: The sole responsibility for the content of this document lies with the authors. This publication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

Background

Catania is an Italian municipality on the east coast of Sicily, facing the Ionian Sea. It is the capital city of the Province of Catania, one of the ten biggest cities in Italy and the seventh largest metropolitan area in Italy. The population of the city urban area is 315,601, while the population of the conurbation is estimated to be 767,003. The whole metropolitan area has 1,115,310 inhabitants.

The municipality of Catania is characterized by a significant number of public and private buildings to be renovated in order to achieve more efficiency in terms of energy performance. The adoption of EPC scheme could be very useful for the public administrations to improve EE in public buildings.

The main barriers identified for this municipality are the following:

- Necessity of administrative procedures simplification,
- Lack of financial tools to support the energy efficiency actions planned,
- Not adequate information & training,
- Insufficient budget,
- The stakeholders' lack of available time,
- Necessity of improving decision making process,
- More cooperation of the stakeholders involved.

The proposal roadmap is inspired by the Messina Good Practice (GP53) "Creation and management of the Energy Desk of the municipality of Messina".

Catania municipality has taken part in the European initiative 'Covenant of Mayors' since 2013, has developed its own Sustainable Energy Action Plans (SEAP) with various actions identified through which the town could reduce at least 21,7% of its total CO₂ emissions by 2020, comparing to 2005 - the base year reference. In particular, the SEAP has identified:

- Short-term measures, which already in progress
- Medium and long-term measures to achieve the goals of energy policy by 2020, with specific addresses in the following areas: buildings (public buildings included), public lighting, transportation, energy local production, etc.

National Energy Performance Contracts (EPC) guidelines are going to be soon released by the Italian Ministry of economic development, in the view of the implementation of the Energy Efficiency Directive 2012/27/EU.

Objectives

The objective of the roadmap in the metropolitan area of Catania is just one of the first applications in Italy of the new national EPC guidelines, showing the role of the Energy Performance Contract as an effective implementation tool for the energy renovation of (public) buildings and, more in general, facilitate the governance of a quick application of EPC in public sector at national level. The roadmap falls into a Memorandum of Understanding signed between ENEA and the Municipality of Catania in April 2015.

In order to understand better the main obstacles to be overcome and to find possible solutions for a quick application of the EPC model, from the legal point of view ENEA and the University of Catania are working on the identification of the barriers and the regulatory framework needed for an effective adoption of EPC in Italy.

A particular attention is focalized on the study of the minimum elements to be included in contracts in public sector: the rationale of EPC application as well as their applicability, indicating the differences of their applicability between public and private sectors.

The main following regulatory barriers for the diffusion of EPCs will be addressed through the roadmap:

- Absence of EPC as a contract type in the new Italian Public Procurement Code;
- Unequivocal application of its service contract characterization;
- Application of the current law (new public procurement code) banning the integrated scheme contract;
- Difficult access to EPCs for small to medium-sized municipalities and for P.A., who does not have technical officers.

Through the roadmap, it will be theorised how an EPC can be articulated for real estate requalification, highlighting possible differences in the risk distribution between the parties, even in connection with the public or private nature of the beneficiary.

To this aim, all the involved stakeholders will be identified and involved in the process, developing a wide and high-level network. In synergy with H2020 GuarantEE project also, technical office personnel of the municipality will be trained as « EPC facilitator ». More in general, for each of the stakeholders barriers and possible solutions will be analysed in the view of a quick and effective application of the new national EPC guidelines.

Target groups

- Municipality of Catania, through a memorandum of understanding with ENEA for collaboration on energy efficiency initiatives
- University of Catania – Law Department, through a memorandum of understanding with ENEA for a joint study on the identification of the regulatory and financial framework for EPC contracts for buildings
- Local network of energy managers
- H2020 ‘GuarantEE’ team

Learning from others

- Primarily basing on the best practice ‘Messina Energy Desk’ and to be expanded further.

Replication potential

- This roadmap can be replicated by each of the local authorities in Italy.



Visit the website
<http://publnef-project.eu>

In partnership with:

JIN, CRES, KAPE, CIEMAT, CEI, ABEA, OÖ ESV,

ENEA, FEDARENE, Energy Cities TEA, ARENE, AEEPM