

ACTIVITIES

- 23 agreements signed with municipalities potentially interested in taking these measures.
- 52 energy audits carried out with the purpose to identify the most suitable buildings among those proposed by the municipalities.
- Training delivered to municipalities and companies on contractual terms of Energy Performance Contracting.
- Involvement of small and medium-size companies: discussion of the challenges posed by EPC.
- Production of tender documents and setting up of the coordination and contracting function of the Metropolitan City of Torino.
- Awarding of 1 EPC tender for energy refurbishment of 18 buildings in 5 metropolitan municipalities. Total investment of over 3 million Euros, average energy saving 60%, average cost saving 11%.
- Launch of 1 call for EPC tender for energy retrofitting in public street lighting involving at least 2054 spot lights in 6 metropolitan municipalities, to be awarded within 2017. Minimum investment as contract starting price 1.7 million Euro, minimum energy cost saving 22%-44%.
- REVAMPING2 Project: energy efficiency upgrading of heating boiler rooms in about 120 buildings of the City of Torino started with EPC. Total investment 7.7 million Euros, expected energy saving 30%.
- Communication of project activities to stakeholders and to the citizens.

ACHIEVEMENTS

- Total investment attained: about 12.5 million Euros with remarkable structural measures.
- Over 4,360 tons of CO₂-eq emissions avoided, 22,050 MWh primary energy saving, 200 MWh of renewable energy products.
- Signature of EPC contracts for energy efficiency upgrading of building and public lighting.
- Production of repeatable EPC call for public tender document templates.
- Development of proficiency of local administrators and stakeholders on issues related to the new types of energy contracts.
- Dissemination of practical expertise resulting from project development thanks to the participation to national and international events and to the publication of the "Guide for drawing up EPC contracts - The 2020 Together experience".
 - Networking with European projects with similar goals.



Co-funded by the Intelligent Energy Europe Programme of the European Union



Lead partner, ensuring that the conditions are met for long lasting results



Acting as contractor authority and coordinator of municipalities



Experimentation of a replicable model



Technical partner for energy and financial analysis

www.cittametropolitana.torino.it/cms/ambiente/risorse-energetiche/progetti-energia-sostenibile/2020together

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2020 TOGETHER
torino is getting there

PROJECT: 2020TOGETHER

European Program: Intelligent Energy Europe – IEE
Sector: Mobilising Local Energy Investment - MLEI
Duration: April 1, 2014 – March 31, 2017

Total Eligible Cost: 487,955 Euros
EU Co-financing : 365,967 Euros

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THE PROJECT

The **2020TOGETHER project**, financed through a 490 thousand Euros European funding as part of the CIP - IEE, Intelligent Energy for Europe / Mobilizing Local Energy

Investments - MLEI program, is intended to the implementation of measures to **upgrade energy efficiency** of buildings and public lighting in the municipalities of the area of the Metropolitan City of Torino amounting to a total investment of about **12.5 million Euros** (VAT incl.), as a result of underwriting Energy Performance Contracts (EPC) and establishing **financial partnerships** between local public administration authorities and private investors.

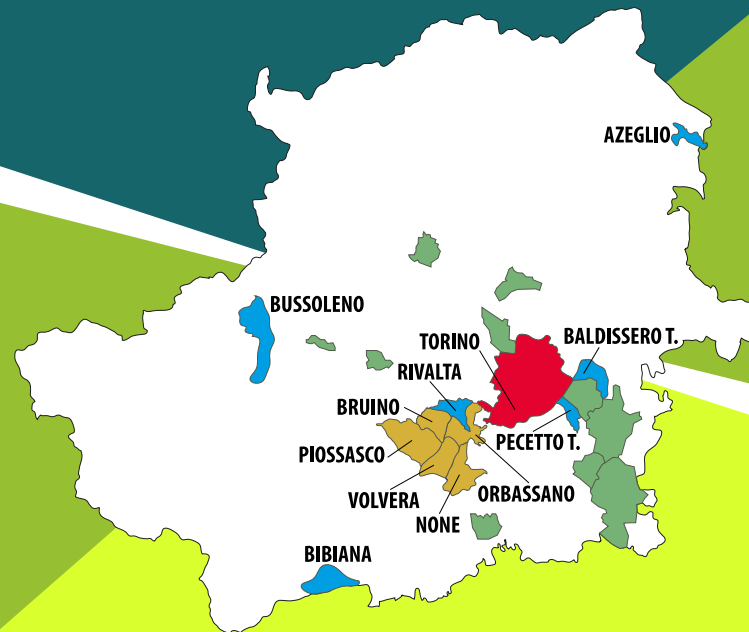


THE KEY TO SUCCESS

A wide territory local authority, the **Metropolitan City of Torino**, acts as a **coordinator** and **contracting authority** by managing innovative contractual agreements – Energy Performance Contracts. Tenders of individual municipalities can be grouped to form that critical mass required to make call for tenders appealing and obtain better contractual conditions. Still based on EPC, The City of Torino, on its part, has experimented an extensive revamping program for heating systems in public buildings.

WHAT IS AN EPC, WHO IS AN ESCo

Energy performance contracts envisage a “provider” (typically an Energy Saving Company, or ESCo) using own or third parties’ financial resources to carry out a number of integrated services and measures aimed at enhancing energy efficiency of installations and buildings that, in the 2020Together project, are public properties.



THE MUNICIPALITIES INVOLVED

5 municipalities for energy refurbishment of 18 public buildings

Bruino, None, Orbassano, Piossasco, Volvera

6 municipalities for energy retrofitting of 3075 street spot lights

Azeglio, Baldissero Torinese, Bibiana, Bussoleno, Pecetto Torinese, Piossasco, Rivalta Torinese, Torino

City of Torino - Revamping 2 project

Replacement of existing heating boilers in about 120 buildings in Torino

10 other municipalities have started a similar project for energy refurbishment of buildings

WHO IS PAYING?

ESCo's are paying back their investment with savings from energy bills of buildings, while the municipalities do not get into debt and benefit from immediate economic saving.

