CESBA MED

CESBA MED - SUSTAINABLE MED CITIES

P 990- Priority 2 Fostering low-carbon strategies and energy efficiency
in specific MED territories: cities, islands and remote areas

Project co-financed by the European
Regional Development Fund

City of Torino

Report on project results

October 2019 by all CESBA MED project partners
final version for public use

Program priority: 2.1 - To raise capacity for better management of energy in public buildings at transnational level
Work package: 2 - Project Communication
Activity: 2.1 – Setting up common methodologies for actions
Deliverable: 2.3.2 – Report on project results

Project overview

Energy efficiency improvement is a key strategy to reduce the environmental impact of public buildings. But usually energy efficiency plans do not fully exploit the potential for synergies that groups of buildings might offer. Energy efficient measures and their implementation at neighbourhood level (i.e. district heating, PV installations, etc) are showing clearly that a building scale approach is not optimal in reaching significant and cost-effective improvements. However at neighbourhood scale, decision making processes and the design of the intervention are more complex.

Many EU projects addressed this issue proposing different methodologies, tools and indicators. CESBA MED intends to test 10 of them and to select the most affordable and operational solutions. On the base of the test results' evaluation, a common sustainability assessment framework at urban scale, a set of 8 regional assessment tools (CESBA MED SNTool) and an innovative decision making process will be defined to support the development of energy efficiency plans for public buildings in the context of their surrounding neighbourhoods. CESBA SNTool will allow to produce the MED Passport to compare the performances of buildings and neighbourhoods, in line with the EC COM 2014 445.

Involved actors

City of Torino
iiSBE ItaliaR&D srl
Municipality of Udine
EnvirobatBDM
Auvergne-Rhône-Alpes Énergie Environnement
Government of Catalonia
Municipality Sant Cugat del Vallès
University of Malta
NATIONAL OBSERVATORY OF ATHENS
Association of Common European Sustainable Built Environment Assessment(CESBA)
Energy Institute Hrvoje Požar
Urban Community of Marseille Metropolitan Province

Main activities

- Development and testing a transnational system to assess urban sustainability
- Transfering the assessment system through a training system
- Capitalizing the assessment system promoting the adoption by public administrations

Achievements

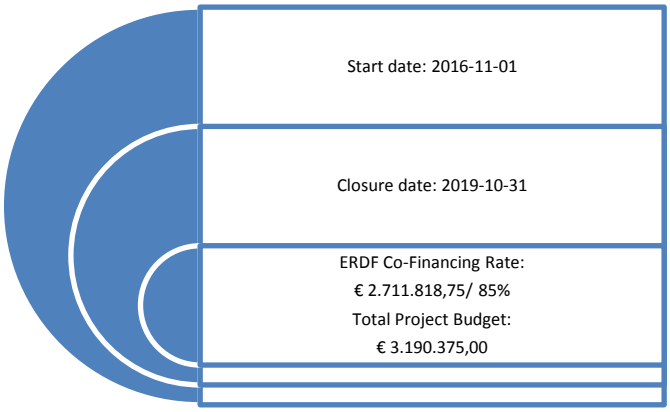
- CESBA SNTools: Based on the evaluation of the test results of several EU projects' outcomes, a general framework and 8 contextualized assessment tools (CESBA SNTools) will be developed together with an application methodology. The tools are intended to support decision makers and the managers of public building stocks in the implementation of more efficient energy retrofitting plans combining the building and the urban scale. It means the possibility to identify the most convenient retrofit strategy considering the building in relation with its urban area and verifying the possibility to activate synergies between groups of buildings.
- CESBA MED Passport: A set of common criteria, indicators and metrics to allow the comparison of the performance reached by public buildings and urban areas in the different MED regions and a common way to display the results will be developed. These elements will form the CESBA MED Passport.

- CESBA MED Training System: A training system for transferring the CESBA MED tools and methodology to the main target groups will be developed, tested and validated. The Training systems is basically targeted to tools users (technical profile) and decision makers (political, management profile). The system will include programs, training materials and an e-learning platform.
- CESBA MED Network: To maximize the capitalization of the project's outcomes, their transferability and durability a CESBA MED System will be implemented primarily based on the formal activation of a CESBA MED Cities Network. The network will be funded on a CESBA MED policy paper and CESBA MED Guide. The CESBA MED system will allow to increase the number of building stocks owners/managers adopting the CESBA MED tools and methodology.

Target

This project addresses to managers of public buildings who want to set up actions that involve the building users and raise their awareness about energy saving.

Figures



Main Lesson Learned

Future prospect

Thanks to CESBA Med the City will reinforce the capacities of public administrations in decision making at urban level. CESBA MED tools will support the definition and implementation of actions targeted to improve the sustainability of public buildings in the context of their urban areas.
It means the possibility to identify the most convenient retrofit strategy considering the building in relation with its urban area and verifying the possibility to activate synergies between groups of buildings.

To find out more

Project website: https://cesba-med.interreg-med.eu/
Comune di Torino
Via A. Meucci, 4
10122 Torino (IT)
www.comune.torino.it