

# OUTPUT FACT SHEET

## Pilot actions (including investment, if applicable)

Version 2

Project index number and acronym	CE906 BOOSTEE-CE
Lead partner	Bruno Kessler Foundation
Output number and title	O.T3.1 Pilot actions for EE upgrade in public buildings
Investment number and title (if applicable)	Thematic equipment such as 1 computer
Responsible partner (PP name and number)	Regione Emilia-Romagna (PP7)
Project website	<a href="https://www.interreg-central.eu/Content.Node/BOOSTEE-CE.html">https://www.interreg-central.eu/Content.Node/BOOSTEE-CE.html</a>
Delivery date	10.2019

### Summary description of the pilot action (including investment, if applicable) explaining its experimental nature and demonstration character

The pilot action concerns the use test of the OnePlace platform, developed within the project and its component modules, 3D energy management system (EMS), high energy efficiency city, living energy market and financing of energy efficiency: within the 3D energy management system (EMS), the module has been implemented with the model of three residential regional buildings connected to non-spatial information such as: type of building, year of construction, type and requirements of the energy carriers and data regarding the reduction in energy needs thanks to efficiency measures. The OnePlace platform and the pilot action were presented to the regional stakeholders as a useful tool to improve awareness of the characteristics and state of conservation of public assets and the potential for improving energy efficiency.

### NUTS region(s) concerned by the pilot action (relevant NUTS level)

NUTS 3 - ITH55, Bologna

### Investment costs (EUR), if applicable

1000 EUR - cost of computer

### Expected impact and benefits of the pilot action for the concerned territory and target groups and leverage of additional funds (if applicable)

- local authorities have free access to the three-dimensional view of their region along with all information about their buildings. Moreover, they have access to the database of experts and regional agencies that can support them in the evaluation and planning of interventions to improve the efficiency of the real estate assets
- urban planners have at their disposal a simple tool that integrates useful information relating to energy with 3D city models in a GIS environment
- private citizens can view the best practices available and evaluate the possibilities for improving the efficiency of buildings, accessing free of charge a database of experts and public agencies that can support them in planning their initiatives
- energy managers can view information on buildings that they can use in the preliminary stages of energy audits

### Sustainability of the pilot action results and transferability to other territories and stakeholders.

The results of the pilot action are totally sustainable, since they concern information directly connected to the real buildings and that can be updated with the changes that the buildings will undergo over time. The test gave the opportunity to collect and share data and information dispersed in different areas, showing the potential of 3D WebGIS solutions to immediately manage and analyze energy data.

The platform developed in the project, which constitutes the object of the pilot action, can be easily replicated by other interested parties and transferred to other territories, as its implementation is free from local limitations.

### Lessons learned and added value of transnational cooperation of the pilot action implementation (including investment, if applicable)

In complex organizations it is likely to have difficulty in finding information that are available, but which are dispersed in different environments that can often have difficulty communicating with each other: a tool like the one developed in this project provides the possibility of bringing this information together in a single environment, making them easily accessible to interested parties, providing new ideas and facilitating the process of preliminary assessment of the possibilities of intervention.

Thematic equipment used as a testing tool for OnePlace but also as a supporting/working tool enabling to attend the Consortium meetings abroad, providing contributions and presenting documents.

**Contribution to/ compliance with:**

- relevant regulatory requirements
- sustainable development - environmental effects. In case of risk of negative effects, mitigation measures introduced
- horizontal principles such as equal opportunities and non-discrimination

All of the regulatory requirements, sustainable development and horizontal principles were taken into consideration and were not violated.

The buildings selected and analysed in the project insist in an area managed by ACER Bologna and an agreement have been signed in order to proceed to the analysis and spreading of the information.

Both men and women are involved in the project.

The activities implemented in the project equalize the chances of the region in the country by implementing energy efficiency improvement measures and modern tools.

The pilot action has an impact on raising ecological awareness and changing the society's bad energy habits.

**References to relevant deliverables (e.g. pilot action report, studies), investment factsheet and web-links**

If applicable, additional documentation, pictures or images to be provided as annex

Deliverables: D.T3.3.1 Pilot actions preparation, D.T3.3.2 Pilot actions guidelines, D.T3.1.2 Testing 3DEMS (PA1) in a dense urban area of Emilia Romagna region, D.T3.2.1 Evaluation report on pilot actions implementation, D.T3.2.2 Pilot action reports, PA1 fact sheet

Web-link: <https://www.interreg-central.eu/Content.Node/PA/PA1.html>