

DELIVERABLE T3.2.2

D.T3.2.2 – Pilot action reports

03/2020





D.T3.2.2: Pilot action reports

A.T3.2 Evaluation of pilot actions for EE improvement

Issued by: Partner Nr. 05
 Date: Dec 2019

Authors		
	Name (organization)	Name, e-mail
WP leader	Mazovia Energy Agency (MAE), PP5	Aleksandra Luks, a.luks@mae.com.pl
Contributing participants	Emilia-Romagna Region (RER), PP7	Apollonia Tiziana De Nittis, Apollonia.DeNittis@regione.emilia-romagna.it Attilio Raimondi, Attilio.Raimondi@regione.emilia-romagna.it Massimo Bottacini, massimo.bottacini@aster.it



1. Introduction and aims

This document is a description of the pilot action. This determines the results of the activities. The aim of this document is to present the achievements of the implemented measures and their usefulness.

2. PA report

This chapter presents in tabular form all interesting information about the pilot action. The table below is the business card of the pilot. It contains attractive information that not only shows the course and achievements of the pilot action but can also be a tip for people interested in similar tools.

Name of the pilot action	Testing 3DEMS (PA1) in a dense urban area of Emilia-Romagna region
Type of the pilot action	Non-investment
Location	Emilia-Romagna region, Italy
Number of the buildings	3
PA goals	<ol style="list-style-type: none"> 1. creating a universal approach to modelling, visualization and presentation of buildings without dependence on a European region 2. testing and evaluation of the OnePlace platform 3. easier operation of the buildings 4. promoting and disseminating knowledge about energy efficiency measures in buildings
Pilot action duration	10.2018-05.2020
Partners involved	RER
People number involved to implement the PA	3
Description/Details of the PA	The pilot action includes the use test of the OnePlace platform and its component modules: 3D Energy Management System (EMS), Energy Efficient Cities, Living Energy Marketplace and Financing Energy Efficiency. The models of three regional residential buildings were implemented in the 3D EMS module with 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.
Type and number of the stakeholders reached	<p>Number of reached target groups in the framework of pilot action:</p> <p>General public - 2 Local public authority - 9 Regional public authority – 1 and 1 national Sectoral agency – 3 Infrastructure and (public) service provider - Higher education and research - 3 Education /training centre and school - SME -2 Business support organisation -</p>
Achieved effects/results	<ol style="list-style-type: none"> 1. Improving awareness of the characteristics and state of conservation of public goods and the potential for improving energy efficiency. 2. The use of the OnePlace platform allows access to the visualization of the



	<p>entire area along with information about the buildings, can help in the development of new planning documents, can give inspiration and examples from the best practices available and teach how to carry out various types of investments in the field of EE, as well as allow easy access to expert database and energy-saving devices that you can use when planning your own initiatives.</p> <p>3. Promoting and disseminating knowledge about energy efficiency measures in buildings.</p>
Satisfaction of users	<p>The public authorities and the professionals contacted by the partner have provided an alternate opinion. On the one hand the management of GIS maps in 3D can help to frame the state of the area in a short time, on the other hand implementing 3D and data for each building is not immediate and risks to become a half job if not knocked down. In addition, the map is heavily processed and it is difficult to move around the map outside of the contexts you are familiar with.</p>
Possibility of replication	<p>The transfer of the results is possible to other territories and interested parties due to the fact that the OnePlace platform can be implemented and find application in any region and in all conditions.</p>
Distinctive feature of the pilot action	<p>The distinctive feature of the pilot action can be identified in the 3D EMS model that allows the user to understand more rapidly and easily the spatial organisation of the municipality in the GIS view.</p>
Number of promotional meetings – focus group meetings, seminars	<p>1 “networking” seminar the 22nd of October in Bologna and 1 Regional Training session the 9th of December 2019 in Bologna</p>

Table 1: Pilot action business card

The summary of pilot action description presented above shows that it has brought many good results and met expectations.

3. Conclusions

This study is a summary of the pilot action in Italy. It showed that the OnePlace platform is useful for preparing, conducting and monitoring EE investments as a tool supporting the entire investment process and which can be used anywhere in Europe because it has a universal approach and it can be adapted and operated in all building conditions.

The information contained in this document is based on Output 3.1 and PA1 fact sheet.