

TEMPLATE

Output factsheet: Tools

Version 1

Project index number and acronym	CE906 BOOSTEE-CE
Lead partner	Bruno Kessler Foundation
Output number and title	O.T3.2 Handbook for energy planners on the integration and use of 3D EMS & OnePlace into daily use
Responsible partner (PP name and number)	MAE (PP5)
Project website	https://www.interreg-central.eu/Content.Node/BOOSTEE-CE.html
Delivery date	05.2020

Summary description of the key features of the tool (developed and/or implemented)

The handbook presents the purpose for which OnePlace was developed. It is a kind of manual which specifies in detail how to navigate the entire OnePlace platform, including 3D EMS. It presents and describes all modules of the OnePlace platform and indicates the benefits of using the platform for selected target groups. In addition, the current EU energy goals in the field of energy efficiency, which EU countries are required to achieve, are presented. The handbook also describes for what purpose and how you can create your own 3D EMS to monitor and manage public buildings in urban space. This handbook combines ICT, GIS and energy efficiency tools and proves that these tools can mutually support each other.

NUTS region(s) where the tool has been developed and/or implemented (relevant NUTS level)

- Emilia-Romagna Region (Italy - NUTS region ITH5);
- Judenburg (Austria - NUTS region AT22);
- Zlín Region (Czech Republic - NUTS region CZ07);
- Tolna County (Hungary - NUTS region HU23);
- Mazowieckie (Poland - NUTS region PL12);
- Plonsk (Poland - NUTS region PL12);
- Koprivnica (Croatia - NUTS region HR04);
- Velenje (Slovenia - NUTS region SI01);

- Lubawka (Poland - NUTS region PL51);
- Žacléř (Czech Republic - NUTS region CZ052)

Expected impact and benefits of the tool for the concerned territories and target groups

This handbook is especially dedicated to energy planners to obtain information on how to use the OnePlace platform and 3DEMS module in their daily work. It is also ideal for regional / local authorities to gain easy, free access to a database of experts and energy devices that can be useful in the implementation of subsequent EE investments, best practices that can be an inspiration and an example of how to better implement EE activities. A handbook is also an opportunity for spatial planners to receive an attractive and easy-to-use visualization of the entire region with highlighted buildings, which can help developing new planning documents. Residents and municipality staff can draw inspiration and examples from the best practices available and learn how to carry out various types of investments in the field of EE, and also have easy access to a database of experts and energy-saving devices that can be used when planning their own initiatives. There is no territorial restriction in applying the handbook.

Sustainability of the tool and its transferability to other territories and stakeholders

The transfer and application of the tool is possible to other territories and interested parties, because the handbook relates to the OnePlace platform, an universal tool that it can be implemented and find application in any region and in all conditions. The sustainability of this tool will provide the opportunity to move and implement the platform in other regions, municipalities or buildings.

The tool is very easy to use, so stakeholders will have no problem with implementation and use. In addition, it is free and widely available.

Lessons learned from the development/implementation process of the tool and added value of transnational cooperation

The added value of transnational cooperation is the joint creation of a handbook, that can be used in any country and any community. The tool facilitates use and describes the benefits of using the OnePlace platform for different target groups. This is supported by testing and verification through practical use in 7 different countries under different conditions.

The lesson learned is that despite different starting points and conditions of use we created a common standardized manual for a tool such as an online platform.

References to relevant deliverables and web-links If applicable, pictures or images to be provided as annex

Deliverables:

Output O.T2.1 The Online Energy Platform - OnePlace

Output O.T2.2 3D Energy Management System (EMS)

Deliverable D.T2.1.2 Development of first module - Energy Efficient Cities

Deliverable D.T2.1.3 Development of second module - Living Energy Marketplace

Deliverable D.T2.1.4 Development of third module - Financing Energy Efficiency

Deliverable D.T2.1.5 Development of fourth module - 3D EMS or webGIS viewer

Deliverable D.T3.2.3 Handbook for energy planners on the integration of 3DEMS and OnePlace into daily use

Deliverable D.C.3.2 The Online Energy Platform - OnePlace articles

Web-links: <https://oneplace.fbk.eu/>



Figure 1. OnePlace home page

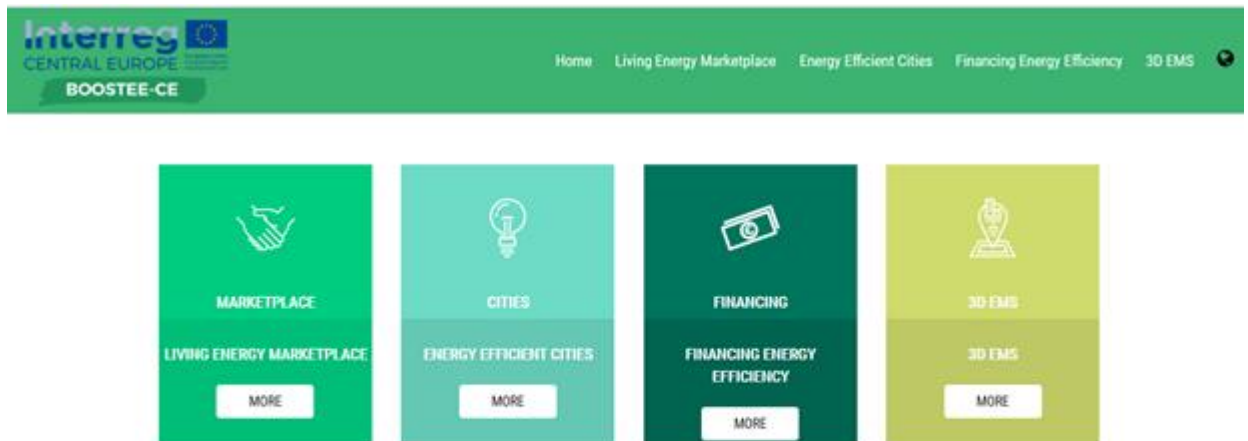


Figure 2. Four modules of the OnePlace platform



Living Energy Marketplace

Living Energy Marketplace aims to connect customers interested in energy efficiency projects to qualified contractors (architects, engineers, auditors, craftsmen, technicians and installers, energy agencies etc.) in order to scale up investments in energy efficiency and to reduce information barriers. It also contains links and information covering the electronic & electric appliances to empower potential investors to make energy-wise decisions.



Device database

Here you can find links to databases covering the electronic & electric appliances. This databases can help you to make energy-wise decisions if you are considering buying this kind of products.

[View more](#)

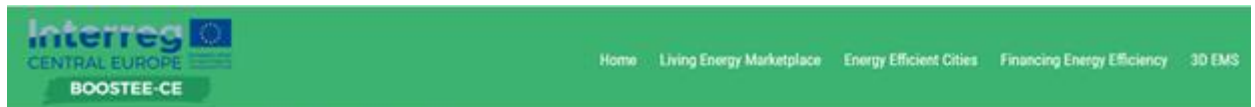


Experts Database

Contains database of links to experts in the field of architecture, engineering, energy efficiency, renewable energy sources etc. This database is meant to serve as a connection point between customers interested in energy efficiency projects and qualified contractors.

[View more](#)

Figure 3. The first module - Living Energy Marketplace



Energy Efficient Cities

The Energy Efficient Cities module is an exchange platform of experiences and identification of good practices within energy efficiency sector for public authorities and other public users. It demonstrates the range of approaches and measures various cities have used to undertake efficiency improvements and thus helps to guide cities in designing effective urban energy efficiency policies and programs.

Catalog of Best Practices



[Search Database](#)

Figure 4. The second module - Energy Efficient Cities



Financing Energy Efficiency

The Financing Energy Efficiency module is the visual presentation of the transnational strategy outcomes, financial road maps, examples of the best practices and practical steps how to use the national & EU-level resources.



Comparative analysis

[View more](#)



Transnational EE financing strategy

[View more](#)



Transnational methodological framework

Figure 5. The third module - Financing Energy Efficiency

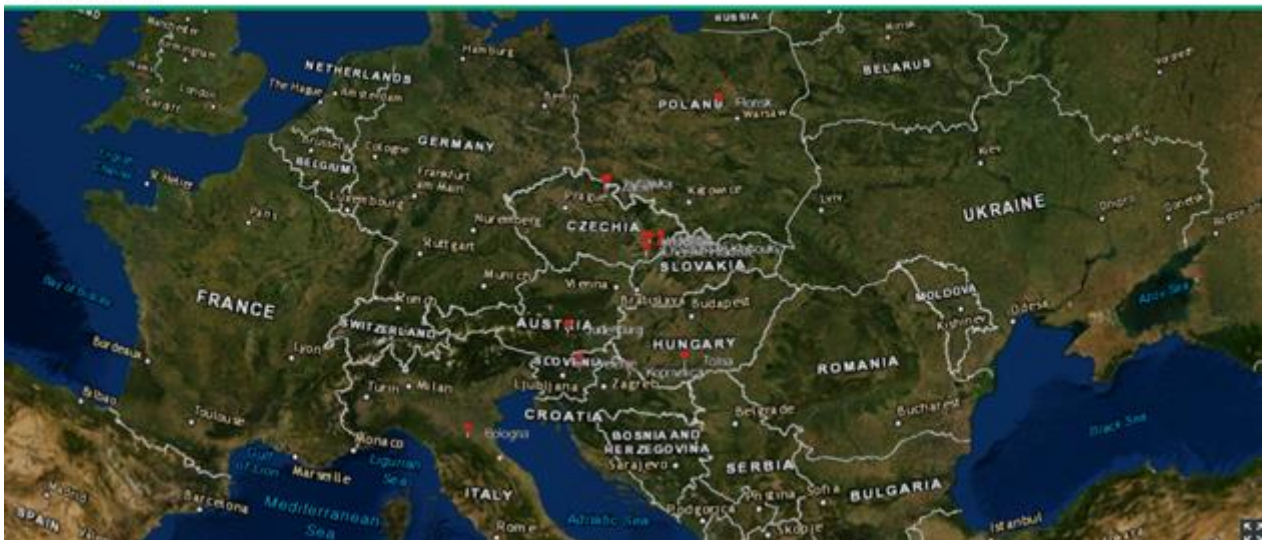


Figure 6. The fourth module - 3D EMS