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);
- Mazowiecke (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

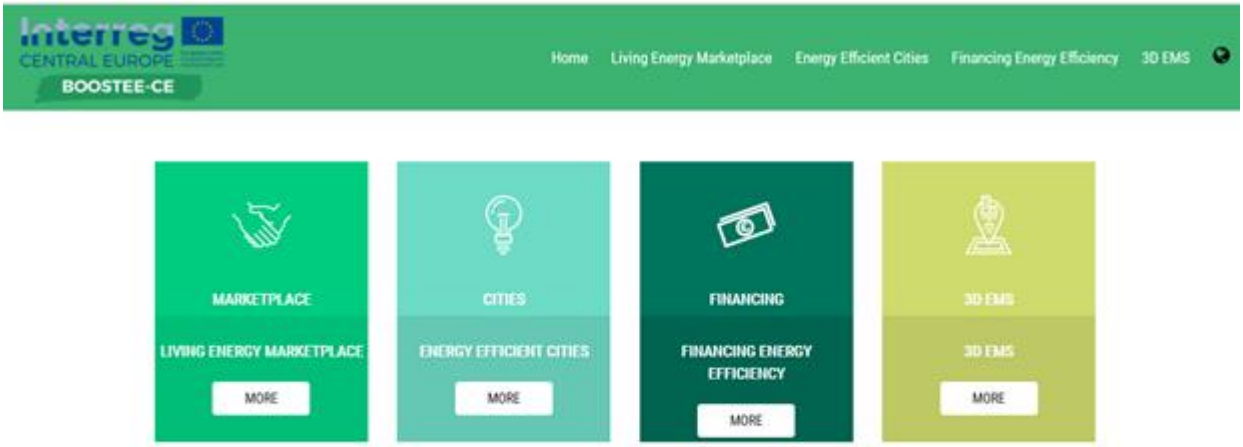

Figure 2. Four modules of the OnePlace platform

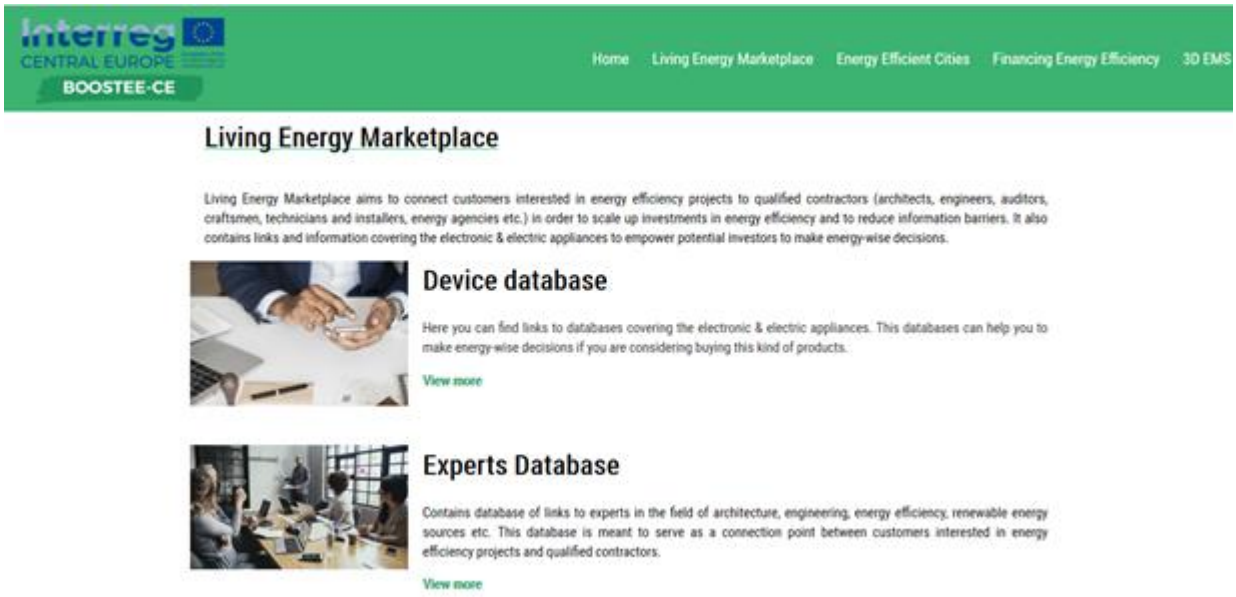

Figure 3. The first module - Living Energy Marketplace

Figure 4. The second module – Energy Efficient Cities

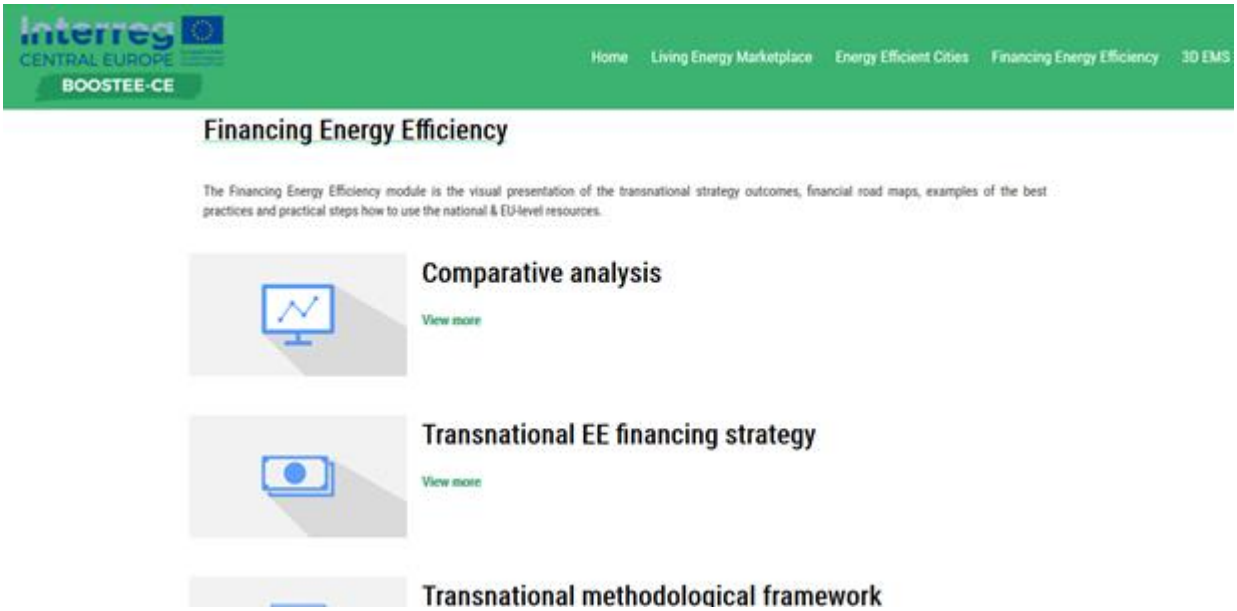

Figure 5. The third module – Financing Energy Efficiency

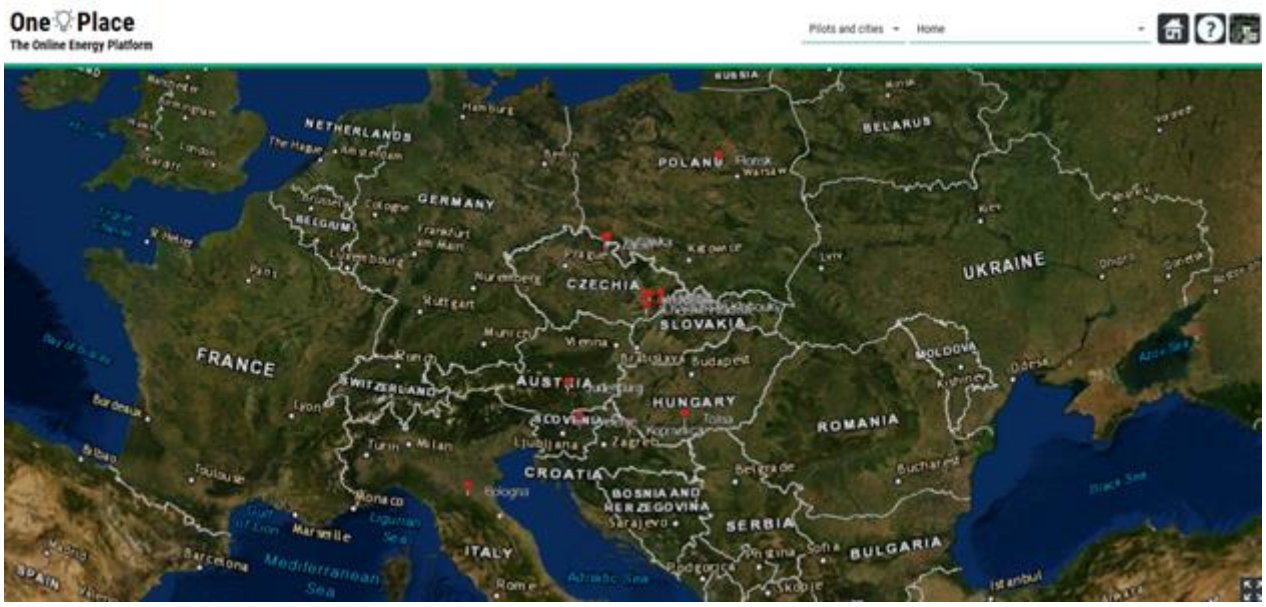

Figure 6. The fourth module - 3D EMS