Output factsheet: Tools

Version 1

Project index number and acronym	CE906 BOOSTEE-CE
Lead partner	Fondazione Bruno Kessler (FBK)
Output number and title	O.T2.1 The Online Energy Platform - OnePlace
Responsible partner (PP name and number)	FBK-PP1, EZVD-PP2, EAZK-PP3, EUWT-PP12
Project website	https://www.interreg-central.eu/Content.Node/BOOSTEE-CE.html
Delivery date	11.2019

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

BOOSTEE-CE developed the **OnePlace** platform (https://oneplace.fbk.eu/) for public authorities and energy end-users. The web platform allows to access energy-related data and consists of 4 different modules:

The **Living Energy Marketplace:** it promotes relevant online databases helping to navigate amongst all kinds of different energy efficiency measures, electronic devices and experts. The experts database contains, for each participating country (Austria, Croatia, Czech Republic, Hungary, Italy, Poland and Slovenia), relevant information about experts implementing energy efficiency measures and it will be open to qualified contractors who can carry out energy efficiency investments.

The **Energy Efficient Cities**: it enables exchange of experience and good practices within the energy efficiency sector among public authorities, municipalities and other public actors. It collects a range of approaches and measures that various European cities had used to undertake efficiency improvements and thus helps to guide cities and energy planners in designing effective urban energy efficiency policies and programs.

The **Financing Energy Efficiency**: it is an attractive visual presentation of transnational strategy outcomes (financial road map), examples of best practices and practical steps to use national and EU-level resources. The module can assist local authorities and public bodies at their engagement in financing energy efficiency by presenting methods of financing energy efficiency investments and transferring them into Energy Efficiency Roadmaps.

The **3D Energy Management System (3DEMS)**: it is a webGIS viewer that allows users to navigate a 3D urban environment, select a building of interest and retrieve energy-related information, such as energy audit, cadastral/building data, thermal images, etc. 3DEMS has harmonize different data sources in one database and visualize them within the OnePlace platform using 3D city models. The main advantage of the 3DEMS over more traditional applications is its simplicity and intuitive online solution that building operators, energy planners and municipality staff can use everywhere and every time without the need of special equipment.

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

The online platform OnePlace has been applied and validated 8 project pilot areas:
- Emilia-Romagna Region (Italy – NUTS region ITH5), with a focus on the city of Bologna;
- Judenburg (Austria - NUTS region AT22);
- Zlin (Czech Republic - NUTS region CZ07), with a focus on Kromeriz and Holesov municipalities;
- Tolna (Hungary - NUTS region HU23);
- Plonsk (Poland - NUTS region PL12);
- Koprivnica (Croatia - NUTS region HR04);
- Velenje (Slovenia - NUTS region SI01);
- the CZ-PL cross-border region (Poland - NUTS region PL51 and Czech Republic - NUTS CZ05), with a focus on Zacler and Lubawka municipalities.

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

The project platform OnePlace offers four modules which present different aspects of the energy efficiency topic: management, information retrieval and visualization, best practices, energy efficient household utensils, contractors and financial guidelines.
OnePlace offers policy/energy administrators and citizens the possibility to better display and access energy-related information, help the realization, implementation and monitoring of Sustainable Energy Action Plan (SEAP) at city level as well as the transition towards low-carbon/smart cities.

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

The tool is accessible on the LP/FBK server and will be available for 5 years. If the specific cadater and energy-related data are available, OnePlace can be transferred and replicated to other territories and stakeholders. A transnational report will be created (Deliverable D.T2.1.7 - OnePlace sustainability Guidelines) presenting measures to sustain, preserve and widespread the created tools after the project end. This will facilitate the usage and uptake and capitalization of OnePlace and its further update among PPs and outside the consortium (more stakeholders).

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

During the development and implementation of OnePlace, partners were exchanging and sharing experiences between different countries on different solutions and approaches about managing and monitoring geospatial and energy data. We have learned about issues that need to be considered when collecting input data (such as topographic maps or solar potential data), about obstacles that hamper the availability of data or standardization issues that significantly differ among but also within countries and regions / municipalities.

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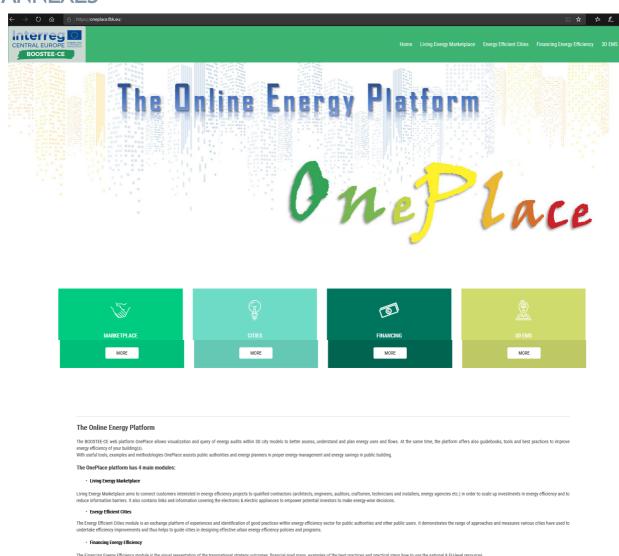## If applicable, pictures or images to be provided as annex

The development of the platform and its four modules are summarized in deliverables D.T2.1.1, D.T2.1.2, D.T2.1.3, D.T2.1.4, D.T2.1.5, D.T2.1.6, D.T2.2.1, D.T2.2.2, D.T2.2.3 and D.T2.2.4. The deliverable D.T2.1.7 will present the OnePlace sustainability guidelines.

The online platform OnePlace is available on https://oneplace.fbk.eu/.

In the following annexes, we report pictures of the project platform OnePlace and its four modules.

ANNEXES

Fig.1 – OnePlace entry page, with the 4 modules.

Fig.2 – The Living Energy Marketplace module

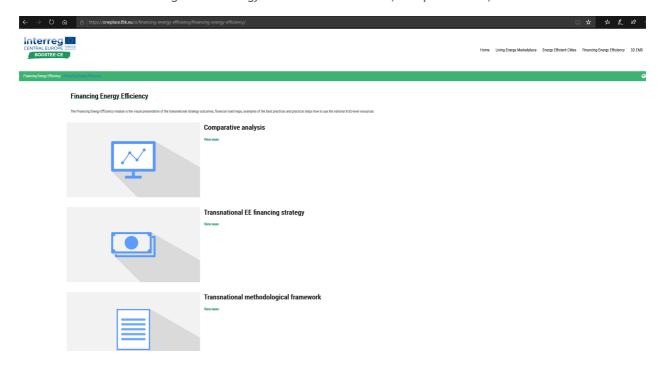Fig.3 – The Living Energy Marketplace module – Experts Database (e.g. Slovenia).

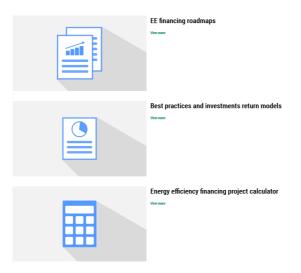Fig.4 – The Energy Efficient Cities module (example: Croatia).

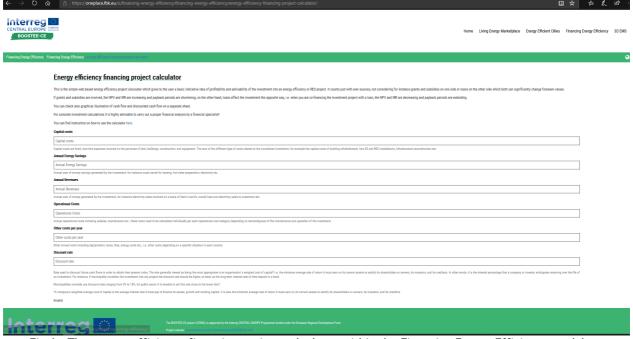Fig.5 – Financing Energy Efficiency module.

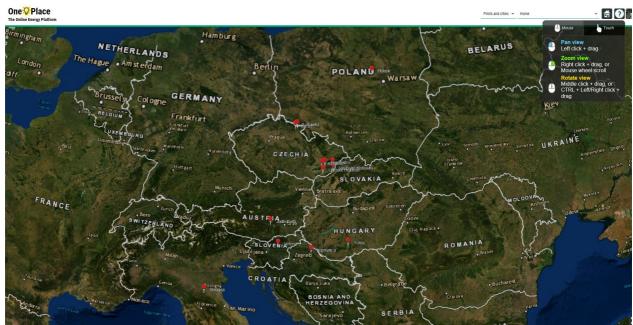Fig.6 – The energy efficiency financing project calculator within the Financing Energy Efficiency module.

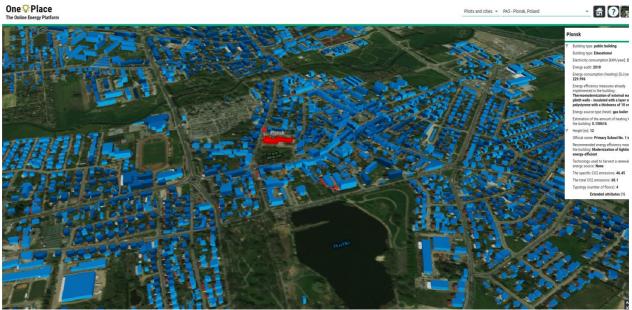Fig.7 – 3D Energy Management System (3D EMS) module – entry page.

Fig.8 – 3D Energy Management System (3D EMS) module – example: Plonsk, Poland.