

DELIVERABLE D.T3.1.5

Report of upstreaming activities of previous
outcomes

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D.T3.1.5: Report of upstreaming activities of previous outcomes

Activity A.T2.1 Adjustment of strategies, roadmaps and action plans

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1. Introduction

The deliverable T3.1.5 belongs to the activity related to the adjustment of strategies, roadmaps and actions plans from past project energy efficiency solutions (A.T3.1). Within this document the tools from 4 previous projects were selected: BOOSTEE-CE, ENERGY@SCHOOL, PANEL2050 and GreenSoul. The report summarizes the works which have been done in order to adjust the past solutions, widespread their use and increase impact. More details are available in D.T3.1.1/2/3/4 respectively.

2. Adjustment of strategies, roadmaps and action plans

Project name	BOOSTEE-CE
Name of the capitalized solution:	Transnational Energy Efficiency Financing Strategy
Link to the tool:	https://oneplace.fbk.eu/financing-energy-efficiency/financing-energy-efficiency/comparative-analysis-and-best-practices-2/
PA involved	<ul style="list-style-type: none"> -PA1: Weiz (Austria) -PA2: City of Podkowa Leśna (Poland) -PA3: Podgórzyn (Poland) / Chrastava (Czech Republic) cross-border region -PA4: Union of Bassa Romagna Municipalities (Italy) -PA5: Province of Ferrara (Italy) -PA6: Municipality of Nazarje (Slovenia)
Problems occurred in capitalization:	The financial sources in each country were checked and updated by project partners accordingly. Some financial programmes were not published on time (such as Operational Programme) therefore the allocation to the priority axis is not known.
How was the tool adjusted and tailored?	The tailored “Transnational Energy Efficiency Financing Strategy” were used in new TARGET-CE's pilot areas as a guideliness among many financial sources. The information was placed within the OnePlace platform as the report changes in financial sources.



Project name	ENERGY@SCHOOL
Name of the capitalized solution:	Energy guardians smart-school management plan
Link to the tool:	https://oneplace.fbk.eu/energy-efficiency-tools/energy-efficiency-tools/energy-ghost-simulation-game/energyschool-app/
PA involved	-PA4: Union of Bassa Romagna Municipalities (Italy) -PA6: Municipality of Nazarje (Slovenia)
Problems occurred in capitalization:	<p>The main difficulties faced in upstreaming activities were related to budget and time constraints.</p> <p>In order to make the ENERGY@SCHOOL management plan replicable in more realities, the dimension of the project itself had to be reshaped. The scope of the project, in fact, does not involve the entire school building anymore, but it starts from a little part to leverage commitment and it provides a list of actions to be followed for a successful capitalization of the past project.</p> <p>An extraordinary problem to be addressed was the difficult relationship with schools during the pandemic period. Accessing schools was not always easy or even permitted in school year 2020/2021. In addition, consequent to COVID-19 and national incentive policies for the private construction sector, a serious lack of raw materials on the market emerged and made it difficult to find the technological equipment for schools.</p>
How was the tool adjusted and tailored?	<p>To replicate the management plan on large scale, and so to upstream it on the TARGET-CE project, an adjustment was made in the last part of the document, "TAKING ACTION". This section has been turned into a decalogue to be followed by schools willing to improve efficiency both in a technical and in a cultural way. Each school may complete its EGSSMP with reference to its specific reality.</p> <p>The "TAKING ACTION" part illustrates a list of actions, a review of structural measures that schools may use as an orientation tool while investing in the energy efficiency of their buildings. Action involves changing the technologies that the school is using, as well as changing people practices and behaviours.</p> <p>The EGSSMP may now be adopted in a number of different school realities, representing an easily-usable tool to gain efficiency in school buildings. The positive experience of the original project, ENERGY@SCHOOL, may be successfully capitalized by supporting other school districts in adopting a smart energy management plan. By translating the EGSSMP into common guidelines for schools, the actions necessary to improve under an energy efficiency point of view may be quite easily undertaken in different school realities.</p>



Project name	PANEL2050
Name of the capitalized solution:	D3.1-D3.7 "Roadmapping process sustainable energy strategy that contains Regional Energy Profiles, Visions, Roadmaps and Action Plans" & D2.1 "Advocating for Sustainable Energy in Central and Eastern Europe"
Link to the tool:	https://oneplace.fbk.eu/strategia-and-action-plans/energy-efficiency-strategies-roadmaps-and-action-plans/
PA involved	<ul style="list-style-type: none"> -PA1: Weiz (Austria) -PA2: City of Podkowa Leśna (Poland) -PA3: Podgórzyn (Poland) / Chrastava (Czech Republic) cross-border region -PA4: Union of Bassa Romagna Municipalities (Italy) -PA5: Province of Ferrara (Italy) -PA6: Municipality of Nazarje (Slovenia) <p>by implementing energy management plans and pilot actions with use of PANEL2050 solutions</p>
Problems occurred in capitalization:	For the needs of TARGET-CE project, visions, regional energy profiles, action plans were established on regional level which is different than the pilot areas which were proposed in TARGET-CE project, mostly improving energy efficiency and behavior by use of ICT tools or non-technical solutions. In this manner, the use of solutions of the capitalization of PANEL2050 solutions were changed and were used as guidelines which were developed to execute and adopt into WPT4 activities.
How was the tool adjusted and tailored?	The tools were adjusted by changing the scale of the action while preparing regional energy profiles (baselines) and visions which helped to prepare a roadmap to develop energy management plans including energy management plans. In PANEL2050 project visions and REPs were developed on regional and local scale, but mostly in the TARGET-CE project it only consisted of one municipality with few pilot buildings. The solutions from the PANEL2050 project (D3.1-D3.7 "Roadmapping process sustainable energy strategy that contains Regional Energy Profiles, Visions, Roadmaps and Action Plans") were used to develop the pilot actions and implement it successfully in a different scale than in PANEL2050, but with the same goal and methodology. On the basis of D2.1 "Advocating for Sustainable Energy in Central and Eastern Europe" was elaborated "Handbook for energy planners", but also were used in Energy Management Plans on how to properly involve the stakeholders and encourage them. Finally the solutions were guidelines and inspiration to adopt the roadmapping process in WPT4 activities.



Project name	GreenSoul
Name of the capitalized solution:	H2020 GreenSoul: Deliverable D4.4 “Holistic socioeconomic model to increase eco-awareness of users in public spaces
Link to the tool:	The original link to the GreenSoul deliverable is no longer available as the H2020 project website is no longer online. GreenSoul questionnaire in English: https://docs.google.com/forms/d/17WfoGBeuBMoAHaXJx5ucohhoNnKkczKksILsaH1yAJc/edit?usp=drive_web
PA involved	-PA1: Weiz (Austria) -PA3: Podgórzyn (Poland) / Chrastava (Czech Republic) cross-border region -PA4: Union of Bassa Romagna Municipalities (Italy)
Problems occurred in capitalization:	The App developed in GreenSoul was no longer available for the use in the Target PA’s. Also, intervention strategies based on energy consumption would have required instalment of measuring devices and the creation of a database. And due to the Covid-19 situation the energy data of public buildings in 2020 and 2021 is not comparable with previous energy data (access restrictions, work from home, lockdowns, ...).
How was the tool adjusted and tailored?	The used intervention strategies to modify the user behaviour were the GreenSoul energy saving stickers. The intervention stickers that were used in GreenSoul served as a template for the PA’s and were modified and translated to the needs of the respective PA in cooperation with PP7 Weiz. To compare behavioural change in the users the GreenSoul questionnaire is used to compare the before and after mindset towards energy saving of the users. The used GreenSoul behavioural questionnaire was only adjusted to the Target-CE languages and put in an online survey tool.



3. Conclusions

Developed and reused past project results were updated and tailored in the way that were easily transferrable to our new pilot region. All the above-described solutions offer sort of a guidelines and support in the field of improving energy efficiency in public buildings and are usable for energy managers, public building users, building managers, school staff and pupils, and also interested citizens. All the used strategies, action plans and road maps will be freely available on OnePlace platform even after the project closure.