

O.T3.1

PAST EXPERIENCES AND SUCCESS MEASUREMENT METHODOLOGY

Output factsheet: Tools

Version 1

Project index number and acronym	CE1444: InterGreen - Nodes
Lead partner	Technical University of Applied Sciences
Output number and title	O.T3.1 - Past Experiences and Success measurement methodology
Responsible partner (PP name and number)	PP1 - THWi; PP3 - UCV; PP4 - BEHALA; PP6 - EM M-V; PP9 - ITL; PP10 - FBL; PP12 - KTI
Project website	https://www.interreg-central.eu/Content.Node/InterGreen-Nodes.html
Delivery date	December 2019

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

The SOP describes the implementation and application of a standardized KPI system for performance measurement of selected processes in multimodal freight transport.

The chosen KPIs allow the monitoring of the environmental impact as well as economic performance of defined processes. By including values of several years, the development can be tracked, especially in case of process changes towards a more environmentally friendly technology.

In addition to monitoring, a scoreboard provides the user with support in making decisions regarding process changes and investments in new technologies. By comparing two process solutions, i.e. two different technologies used for the same process, the performance evaluation can be performed by means of comparison. Possible comparisons could be, for example, the following, but of course there are many more possibilities:

- Diesel truck vs. electric truck
- Non-certified warehouse vs. certified warehouse
- LNG truck vs. electric truck

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

The project partner regions IT, SI, HU and DE were significantly involved in the development of the scoreboard. The SOP is published on <https://www.interreg-central.eu/Content.Node/InterGreen-Nodes.html>.

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

The SOP supports Followers to adapt to the future requirements of the growing freight traffic flows and the need for an environmentally friendly organization of the terminal processes. This will be achieved through a described Step-by-Step guidance and is intended to provide an improved service level, which will encourage followers to introduce green solutions for different segments of the logistic processes.

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

The tool is designed to be used over several years, to support the sustainable development of processes in multimodal freight transport. The joint elaboration and the professional expertise of the participating partners made it possible to develop a very practical and operational KPI system. The resulting SOP allows trackers to customize it according to instructions and can be implemented easily.

The tool is very flexible and can be used for (almost) all logistical processes, within and across transshipment nodes. The calculation models are adaptable to a variety of processes and stakeholders, so that the use in different regions and by different users is easily possible.

The activities for D.T1.3.2 (trainings) and D.T3.3.4 (Leader-Follower Implementation) are designed to share and utilize the opportunities directly with potential users and shareholders. Due to the implementation of an user-follower model, potential adopters of the demonstrators, not only have a tangible and working example, but also are able to judge what impact and adaption to their own use case would have, by using the KPI-model.

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

The SOP provides a very practical solution for implementing the scoreboard. Through the joint development, a constructive exchange of ideas took place in the partnership, which has strengthened the cooperation by pursuing common targets.

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

The output was compiled from the information and results of the development of processes and structures (A.T3.1). The SOP was submitted in PR2 with the Joint Progress Report under D.T3.1.2.

<https://www.interreg-central.eu/Content.Node/InterGreen-Nodes/CE1444-O.T3.1-SOP.pdf>

Further links to InterGreen Deliverables via <https://www.interreg-central.eu/Content.Node/InterGreen-Nodes.html>