

REGIONAL ACTION PLANS OF GREENING NODES

Output factsheet: Strategies and action plans

Version 1

Project index number and acronym	CE1444 InterGreen-Nodes
Lead partner	Technical University of Applied Sciences Wildau
Output number and title	Output O.T2.1 REGIONAL ACTION PLANS OF GREENING NODES
Responsible partner (PP name and number)	PP8 - Freight Village Bologna PP9 - Institute for Transport and Logistics Foundation
Project website	https://www.interreg-central.eu/Content.Node/InterGreen-Nodes.html
Delivery date	30.11.2021

Summary description of the strategy/action plan (developed and/or implemented)

The regional action plan was developed based on the specific objective to identify relevant measures for a more environmental-friendly transport in the nodes and regions of the project InterGreen-Nodes. The Output O.T.2.1 summarizes based on *regional action sheets* the identified fields of actions.

The range of needs and activities gives a broad picture of the diversity of measures to achieve the ambitious goals for a climate-neutral transport.

Some examples are measures in the fields of:

- land use to install renewable energy solution
- shifting traffic to environmentally-friendly transport modi
- communication, but also coordination
- clean fueling stations and clean vehicle
- green industrial areas
- water protection and sustainable planning.

One of the main outcome is that all developed measures and actions are of high regional added value and transferable to other European hubs and nodes. Further the action plans summarizes also the measures, which will be part of the regional follow-up process.

NUTS region(s) concerned by the strategy/action plan (relevant NUTS level)

- Bologna - ITDH5

Expected impact and benefits of the strategy/action plan for the concerned territories and target groups

The regional action plan describes the actions and steps which have to be taken to reach the goals of greening nodes incl. partly the expected CO₂ savings after implementation. The regional action plan supports Interporto Bologna in upgrading rail infrastructures to EU standards and in fostering the use of alternative fuels. The regional action plan gives therefore an overview of the concrete field of activities such as alternative fuels, spatial planning issues, overarching fields like communication and public relations and alternative goods transport. The new LNG station inside the Bologna Freight village will be opened by the end of 2022. Also, electric recharging points will be installed and feasibility studies on hydrogen will be performed. The actions will be implemented in short and medium term. Two actions are estimated to reach a high level of CO₂ savings with a very high regional added value. One action may lead to a medium saving of CO₂ emissions and may create a high regional added value. The regional action plan fosters the compliance of the intermodal terminal infrastructure with the TEN-T core network regulations. This will have an impact on the spatial needs and land development in the Bologna Freight village. Furthermore, in order to meet the needs for digitalization in intermodal transport, one action aims at transforming the terminal entry gate into an “eGate” solution that will automatize the gate-in/gate-out operations at the terminal, reduce the errors related to manual activities and improve the detection of problems of loading units. This action may be implemented within the next 0-7 years (short/medium term) and may reduce CO₂ emissions at a medium level. The regional added value is estimated high.

Sustainability of the developed or implemented strategy/action plan and its transferability to other territories and stakeholders

The regional action plan was developed from different stakeholders such as ports, transport companies, truck owners, energy providers, terminal operators, infrastructure companies, customers and public administration (national and local). The results are very well transferable as other stakeholders in Central Europe but also beyond will have equal regional activities and challenges. The described measures and fields of activities have the potential to influence further nodes in their own activities. Together with the *transnational summary report D.T2.1.3, the strategy on greening nodes O.T2.2* and the *spatial planning toolbox for implementing green solutions in nodes O.T2.3* other region will get guidance for their own development activities.

Lessons learned from the development/implementation process of the strategy/action plan and added value of transnational cooperation

The main lesson learned from the development of the regional action plan is that common goals or equal actions in a greening nodes has to tackle different regional and national legislations and stakeholders. Nevertheless, the processing and common work/exchange on the regional situation and goals for greening nodes has had an enormous impact on the definition of the general European challenges on greening nodes. In order to meet the needs of European nodes, guiding principles were developed, which are in line with European solutions and support.

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

Deliverable D.T2.1.1 - 2.1.4

- Analysis of regional preconditions of greening nodes: <https://www.interreg-central.eu/Content.Node/InterGreen-Nodes/CE1444-D.T2.1.1-Analysis-of-regional-preconditions-of-greeni.pdf>
- Transnational summary report: <https://www.interreg-central.eu/Content.Node/InterGreen-Nodes/CE1444-WPT2.1-Transnational-summary-report-regional-needs-im.pdf>
-