

GREEN, INTERMODAL LAST MILE FREIGHT TRANSPORT IN URBAN AREAS OF CENTRAL EUROPE

InterGreen-Nodes aims at developing green, intermodal, last-mile freight transport in urban areas. The project will demonstrate highly innovative solutions in a practical and tangible way and disseminate them throughout the CE Programme region. Flanking strategic measures on the spatial planning and political level will ensure a strategic foundation for the project.

Nodes are the most logical spatial/geographical scale for working on improving the coordination of freight transport stakeholders. Nodes on the one hand have the critical mass for achieving a change for supporting an environmental friendly transport. On the other hand, the responsible parties on a node level have the necessary regional and practical knowledge, in order to implement effective and sustainable solutions. However, as they mainly operate on a regional level, they lack intercommunion with other actors, thereby confining their ideas and solutions to their respective region. InterGreen-Nodes is networking the actors from practice and politics.



4 COUNTRIES

13 PROJECT PARTNERS

8 REGIONS

2.3 MILLION EURO PROJECT BUDGET

1.8 MILLION EURO ERDF

TAKING COOPERATION FORWARD

SCANDRIA® ALLIANCE

InterGreen-Nodes is part of the Scandria®Alliance, promoting the shortest connection between Scandinavia and the Adriatic Sea, which covers a large part of the ScanMed Core Network Corridor. The common vision of the Scandria®Alliance members is to cooperate with the European Union (EU), member states, regions and other relevant stakeholders in order to implement a sustainable and multimodal transport system by 2030 along the ScanMed Core Network Corridor.

To join forces in an alliance looks back on a long history of jointly implemented cooperation projects (within the framework of INTERREG) and is intended to support new project ideas on common themes for corridor development.

Learn more about the Scandria®Alliance and visit us at: <https://www.scandria-corridor.eu/index.php/en/alliance>.



Discover more about InterGreen-Nodes

<https://www.interreg-central.eu/InterGreen-Nodes.html>

Contact Us:

Lead Partner
Technical University of applied Sciences Wildau

Research Group Transport Logistics
Hochschulring 1
15745 Wildau

Philip Michalk
✉ michalk@th-wildau.de

Lisa Hartmann
✉ hartmann@th-wildau.de

Project partners



InterGreen-Nodes

INTERGREEN NODES

INTERMODAL GREEN ALLIANCE FOSTERING NODES





POLITICAL LEVEL

CHALLENGES

Challenges for intermodal transport nodes in the CENTRAL EUROPE Programme are communication gaps between different actors and stakeholder as well as a lack in harmonisation, especially regarding the incorporation into TEN-T networks.

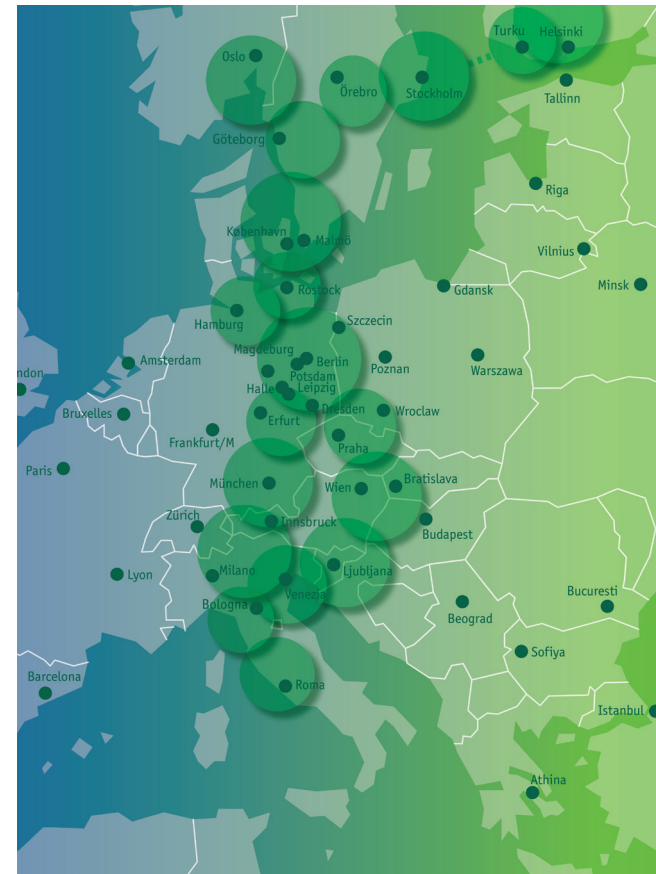
THE SOLUTION

Policy involvement aims at reducing the gap between the transmission of relevant information on the developing green, intermodal and last mile freight transport in urban areas and its broader implications.

OUTPUTS

The extensive network of partners involved will be used and co-ordinated to take a common position towards the EU on TEN-T policy issues as urban nodes/congestion points by:

- Coordinated guidelines for the development of environmentally friendly, last mile intermodal freight transport in urban areas;
- Regional action plans to launch and establish a mechanism for policy dialogue consultation to compare positioning, development of a joint report on TEN-T policy;
- Training on the technical results and financing possibilities of the projects.
- Spatial planning toolbox for implementing green solutions in nodes



LEADING WORK PACKAGE

Regional Association of the Chambers of Commerce, Industry, Handcraft and Agriculture of the Veneto Region

Reports can be found here:
<https://www.interreg-central.eu/Content.Node/InterGreen-Nodes.html>

150

expected number of persons trained



SPATIAL LEVEL

CHALLENGES

Terminals and ports have difficulties to contain the quickly growing freight transport volume. This is due to conflicts in land use. This is especially apparent in terminals and seaports near or within urban areas.

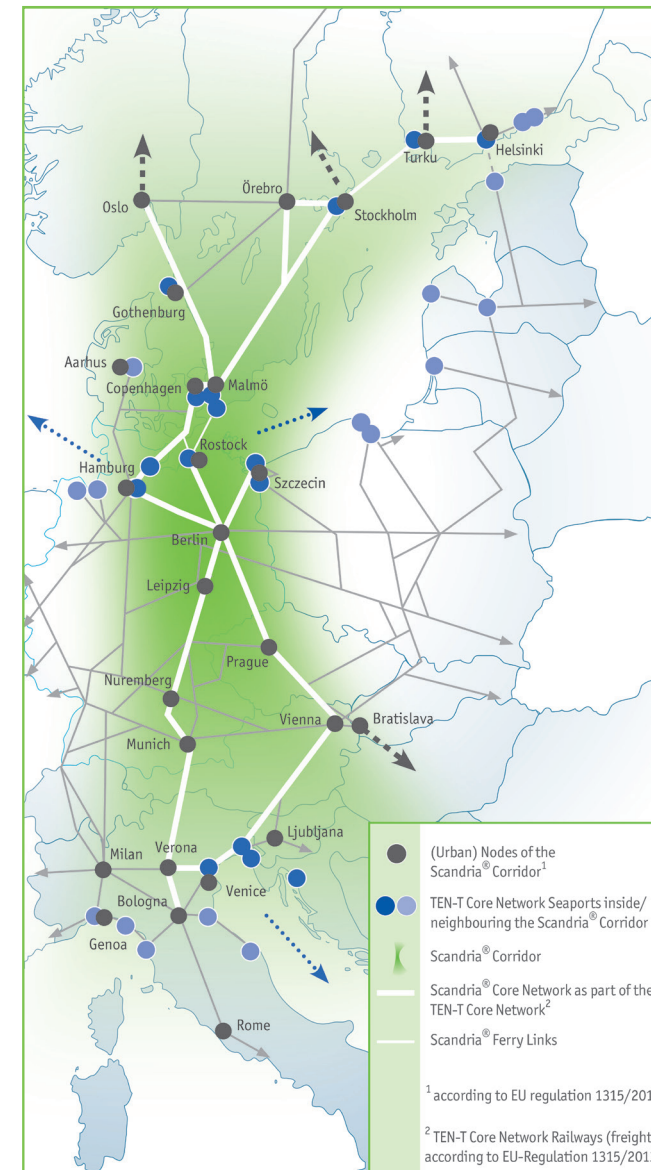
THE SOLUTION

Due to the technical-concrete pilot projects on a technical level developed in the project, the spatial planning part of the integration of a green last mile in nodes is dealt with. The spatial needs of urban nodes or ports and terminals for the implementation of the green last mile and its impact on urban nodes will be elaborated.

OUTPUTS

By developing a transnational strategy for all nodes in Central Europe, along the Scandria® Corridor and beyond will be:

- consolidate the main common needs and challenges for greening nodes,
- develops regional action plans for all participating regions, and
- created a set of instruments for spatial planning.



LEADING WORK PACKAGE

Joint Spatial Planning Department Berlin Brandenburg

Reports can be found here:
<https://www.interreg-central.eu/Content.Node/InterGreen-Nodes.html>

1300

expected number of participants at project events



TECHNICAL LEVEL

CHALLENGES

Especially on the last mile, transport and transshipment are less environmentally friendly than they could be. However, new technical solutions to make intermodal terminals more environmentally friendly and improve their performance are costly to develop and implement as well as not yet established.

THE SOLUTION

On a technical level, the terminals will test different innovations and disseminate them, first to other project partners, then to terminals and ports. This will be achieved by five highly visible demonstrators. The demonstrators will include innovative vehicle technology, new processes and innovative transport chains.

OUTPUTS

In a 3-step work flow the technical solutions will be linked on political and spatial level by development:

- a KPI system and technical performance scoreboard,
- a toolbox with step-by-step instructions and
- a Leader-Follow-up Modelsolutions in nodes

LEADING WORK PACKAGE

Technical University of Applied Sciences Wildau

Reports can be found here:
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43

Number of institutions that shall use the toolbox and action plans

THE DEMONSTRATORS

GREEN SEA-RAIL-BIKE TRANSPORT CHAIN



Berlin

FULL ELECTRIC INTERMODAL TERMINAL



Berlin, Rostock, Bologna

ELECTRIC SHIP



Berlin

SOLAR ENERGY



Berlin, Rostock, Bologna, Budapest, Koper

BREEAM & LEED-RATINGS FOR LOGISTICS-BUILDINGS



Berlin, Rostock, Bologna, Budapest, Koper

LNG VEHICLES



Rostock, Bologna, Budapest