

**Interreg**  
CENTRAL EUROPE



**InterGreen-Nodes**

European Union  
European Regional  
Development Fund

**InterGreen**



TAKING  
**COOPERATION**  
FORWARD



Regional Motivations for Implementing Green Solutions

Online Meeting | 9/5/2022



**Outlook of a toolbox as supporting tool**



InterGreen-Nodes | INFRASTRUKTUR & UMWELT Prof. Böhm und Partner | Sven Friedrich

# OUTLOOK OF A TOOLBOX AS SUPPORTING TOOL

## The InterGreen-Nodes Spatial Planning Toolbox

Aim (AF):

“Fostering the deployment of green solutions by freight stakeholder in nodes by a decision support tool (manual or web-based tool) including e.g., laws, regulations, funding, network (local and regional)”



# OUTLOOK OF A TOOLBOX AS SUPPORTING TOOL

## The InterGreen-Nodes Spatial Planning Toolbox

### Target Groups:

- Transport, urban and regional planners
- Policy makers at all levels
- Port development managers

# OUTLOOK OF A TOOLBOX AS SUPPORTING TOOL

## The InterGreen-Nodes Spatial Planning Toolbox

### Technical Implementation:

- Interactive digital tool (PDF) providing information on:
  - major challenges identified
  - relevant regulations and instruments at European level
  - innovative and transferable solutions identified



# OUTLOOK OF A TOOLBOX AS SUPPORTING TOOL

## Structure

### Action fields

- Green energy production & operations
- Decarbonizing first and last mile access
- Spatial planning & development
- Governance and collaboration

Challenges

Instruments

Solutions

### Solutions

- 16 solutions out of the project identified
- Further solutions expected as result of survey



# OUTLOOK OF A TOOLBOX AS SUPPORTING TOOL

## Action Fields

Action field	Challenges	Instruments / Textbox
Greening port / terminal operations	<ul style="list-style-type: none"> <li>Infrastructure investments</li> <li>Finding synergies with for other purposes than ports operations or related logistics</li> </ul>	<ul style="list-style-type: none"> <li>CEF (Transport) / Horizon Europe</li> </ul>
Decarbonizing first and last mile access	<ul style="list-style-type: none"> <li>Greening vehicle fleets / refuelling infrastructure</li> <li>zero-emission last-mile delivery services</li> </ul>	<ul style="list-style-type: none"> <li>CEF (Transport) / Horizon Europe</li> </ul>
Spatial Development	<ul style="list-style-type: none"> <li>Conflicts with urban neighbourhood</li> <li>Spatial needs of clean fuel infrastructure</li> </ul>	<ul style="list-style-type: none"> <li>SUMP / SULP (requirement TEN-T)</li> <li>CEF (Urban nodes)</li> </ul>
Governance and Collaboration	<ul style="list-style-type: none"> <li>Involvement of relevant decision makers as well as the affected public into more complex planning processes</li> </ul>	<ul style="list-style-type: none"> <li>INTERREG CENTRAL</li> </ul>

# OUTLOOK OF A TOOLBOX AS SUPPORTING TOOL

## Solutions

Node / potential best practice solution	Production & operations	First and last mile	Spatial Development	Governance
<b>Berlin-Brandenburg</b>				
Regional Action Plan Inland Waterways			■	■
First hydrogen driven pushboat		■		
Charging stations for BEHALA-car park	■			
<b>Interporto Bologna</b>				
Sustainable Urban Logistics Plan Bologna			■	■
Solar and photovoltaic power plant / LNG station	■	■		
<b>Port of Rostock</b>				
State initiative “G3 - Green commercial and industrial parks”			■	■
production and use of green hydrogen	■	■		
<b>Port of Venice</b>				
River cruises development for sustainable territory planning				■
Multimodality development for sustainable connections		■		

# OUTLOOK OF A TOOLBOX AS SUPPORTING TOOL

## Solutions

Node / potential best practice solution	Production & operations	First and last mile	Spatial Development	Governance
<b>Freeport of Budapest</b>				
Renewable energy production (solar / LNG)	■			
Heat barge	■			
e-cargo mobility service		■		
LNG-terminal		■		
regular stakeholder forum				■
<b>Port of Koper</b>				
solar panels + charging infrastructure	■			
<b>Port of Tallinn</b>			■	
<b>Port of Trelleborg</b>	■	■	■	
<b>Port of Szczecin-Swinoujscie</b>	■	■	■	
<b>bayernhafen</b>	■	■	■	■
<b>SBO Sächsische Binnenhäfen Oberelbe</b>		■	■	
<b>Ennshafen Linz</b>	■		■	■





# OUTLOOK OF A TOOLBOX AS SUPPORTING TOOL

## Solutions: Selection Criteria

- Innovativeness
- Relevance for decarbonizing processes in / related to nodes
- Transferability



# OUTLOOK OF A TOOLBOX AS SUPPORTING TOOL

## Thank you, for listening!

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