

# SPATIAL ISSUES OF GREENING NODES



# PROJECT MOTIVATIONS INTEGRATING THE SPATIAL LEVEL

regional preconditions, elaboration of spatial needs and challenges of greening nodes - basis for integrated thinking

## Basic information

- Law, regulations and framework conditions in spatial planning, renewable energy infrastructure, node concepts etc.
- Basic strategies and concepts
- Funding opportunities

## Deeper knowledge

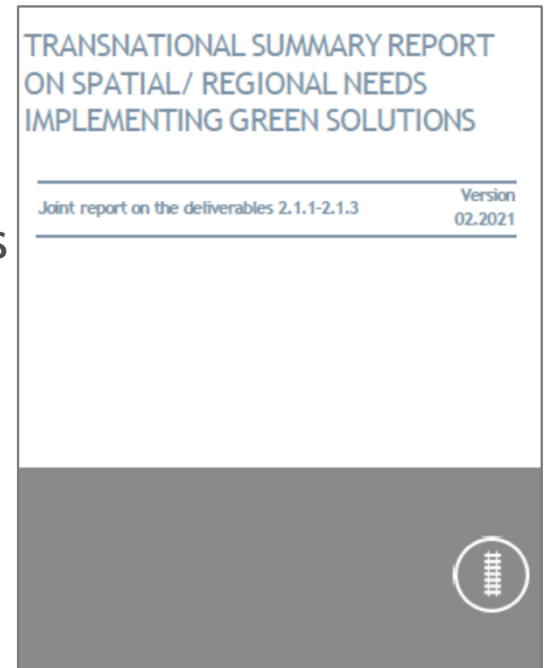
- Main characteristics of the node incl. cargo, transport links, production EE
- Spatial development like focus, concept, needs, needs in ha, land use and conflicts
- Needs and challenges
- Best practices
- Organization of stakeholder involvement



# GUIDANCE

## Transnational summary of spatial needs in greening nodes

- diversity of planning
- significant differences on issues as the competence of planning authorities, their tools and the degree of coordination between short- and long-term planning measures
- all countries display a shift in tools and planning decisions towards a more sustainable, greener development
- under the light of new green agendas policy fields are more interconnected
- It contains: regional preconditions, transport and energy infrastructure, renewable energy, concepts and strategies and the spatial needs

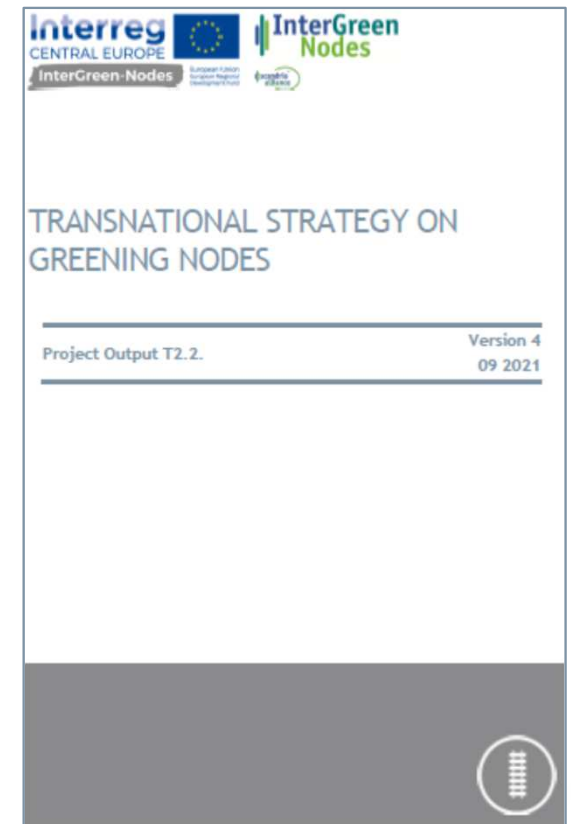


# GUIDANCE

## Transnational Summary of greening Nodes

### Main results summarized:

- summarises the status quo of technical and societal interconnections and suggests policy guidelines such as regulations and funding sources
- 4 challenges: different levels of decision-making in spatial planning regimes, a high level of diversity in planning instruments increasing, land use conflicts, creation of acceptance
- guidance and orientation point for authorities of all levels
- toolkit on how to initiate a comprehensive stakeholder participation
- illustrates so-called “spotlights” of good practice examples
- technical descriptions as well as “handbooks” of how to deal with challenges and apply for funding



# REGIONAL ACTION PLANS

## Nodes and Regions

- 24 action sheets of 8 regions and nodes :
- examples the content:
  - 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
  - costs



Berlin - Brandenburg  
Berlin Port  
Mecklenburg-  
Vorpommern  
Rostock Port



Western Transdanubia  
Freeport Budapest



Venice Port  
Interporto Bologna

# REGIONAL ACTION PLANS

## Nodes and Regions

Main results summarized:

- 16 action could be realized in short time
- 14 actions will reach reach a high or very high regional added value
- more than a half of the actions will generate a high rank in CO2 saving
- 13 of the action are incl. cost estimations and funding options
- 11 alternative fuels, 5 actions on infrastructure an land use, 3 on digitalisation, 5 on other issue like coordination, communication or water protection

<b>Field of action</b>	<input type="checkbox"/> spatial planning/ land-use planning <input type="checkbox"/> alternative drives <input type="checkbox"/> regenerative energy supply <input type="checkbox"/> alternative fuels <input type="checkbox"/> overarching action fields, communication and public relations <input type="checkbox"/> other:			
<b>Priority</b>	<input type="checkbox"/> very high <input checked="" type="checkbox"/> <u>high</u> <input type="checkbox"/> medium <input type="checkbox"/> low			
<b>Time horizon</b>	<input type="checkbox"/> short-term: 0-3 years <input type="checkbox"/> medium-term: 3-7 years <input type="checkbox"/> long-term: > 7 years			
<b>CO<sub>2</sub> savings</b> <i>(Please evaluate, if possible)</i>	<input type="checkbox"/> high <input type="checkbox"/> medium <input type="checkbox"/> low			
<b>Regional added value</b> <i>(Please evaluate, if possible)</i>	<input type="checkbox"/> very high: 75-100% <input type="checkbox"/> high: 50-75% <input type="checkbox"/> medium: 25-50% <input type="checkbox"/> low: 0-25%			

# REGIONAL ACTION PLAN BERLIN-BRANDENBURG

## Process



# REGIONAL ACTION PLAN BERLIN-BRANDENBURG Process



DESK RESEARCH



ON-SITE INSPECTION



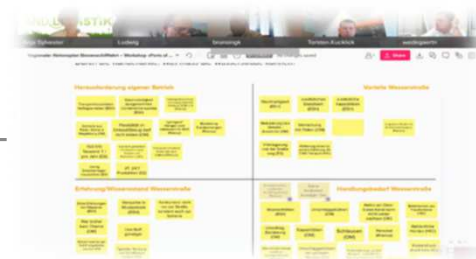
STRATEGY WORKSHOPS WITH PORTS



WORKSHOP WITH PORTS,  
AUTHORITIES, EXISTING AND  
POTENTIAL NEW CUSTOMERS



DEVELOPMENT OF THE ACTION PLAN



Process support:

before starting the  
process permanent  
installation of a internal  
working group of the  
relevant authorities of  
both federal states



# REGIONAL ACTION PLAN BERLIN-BRANDENBURG

## Results

### STRENGTHENING CLASSIC MARKET SEGMENTS IN INLAND NAVIGATION

#### “INLAND NAVIGATION CLASSIC”



BULK CARGO



CONTAINER



PROJECT OR HEAVY CARGO

#### “INLAND NAVIGATION FUTURE”



ENERGY TRANSITION



GENERAL CARGO



E-COMMERCE

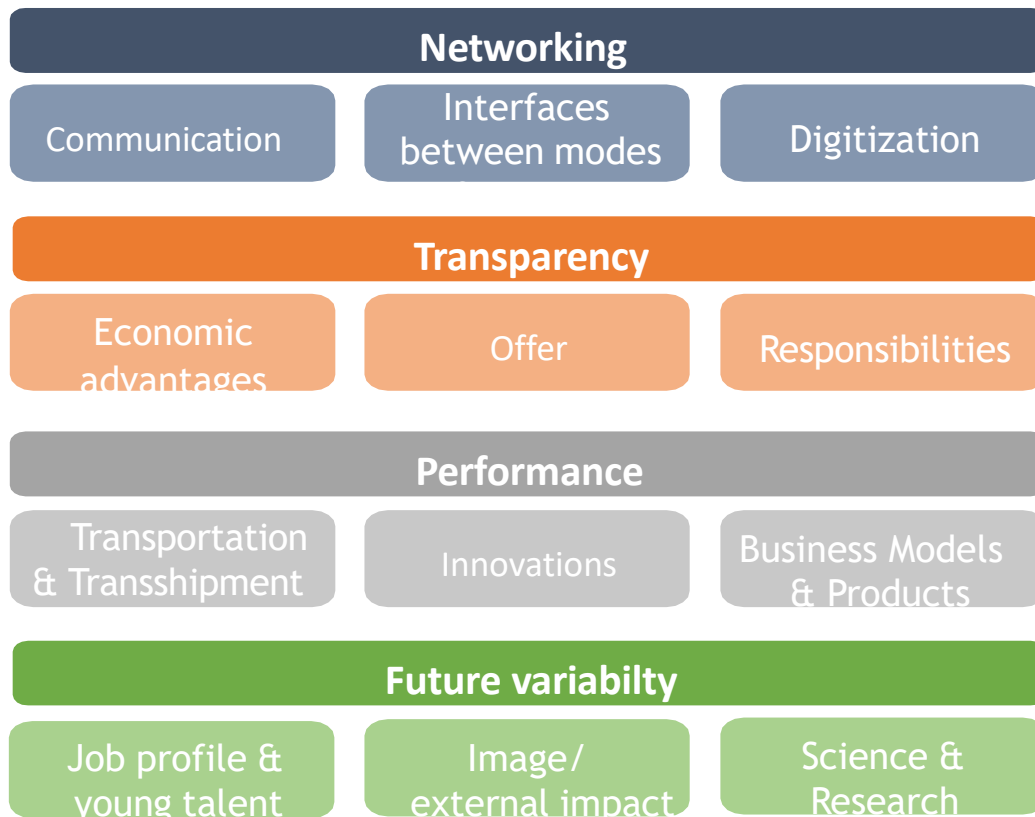


CONSTRUCTION SITE LOGISTICS

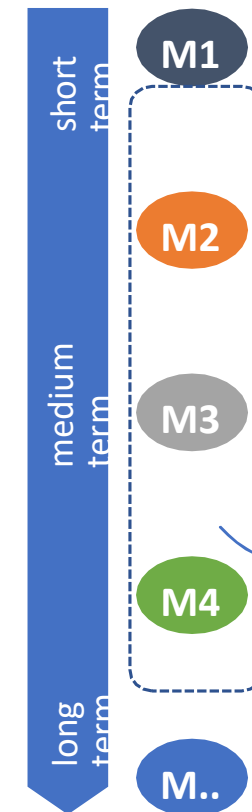
# REGIONAL ACTION PLAN BERLIN-BRANDENBURG

## Results

### FIELD OF ACTION



### MEASURES



Brief description



Participants/  
Responsibility



Further need for  
investigation



Evaluation: effort,  
effect, feasibility, time  
horizon

### INITIATIVE

Summary of measures from different fields of action that are directly related to each other, build on each other or complement each other in a meaningful way.



# REGIONAL ACTION PLAN BERLIN-BRANDENBURG

## Results

### NETWORK

- M1: Marketing initiative under the joint label "Ports of Capital Region"
- M2: Round-Table of Berlin-Brandenburg Ports - Establish an active role for the ports as part of the logistics chain
- M3: Development of a regular exchange format for actors in the inland navigation ecosystem
- M4: Club of innovators - benefit from the experiences of others
- M5: Project marketplace - learn from existing initiatives and advance them together
- M6: Force matchmaking with other process participants
- M7: Sales platform - develop offers for the capital region
- M8: Use potential funding programs at all levels
- M9: Looking for partnerships with the local start-up scene

# REGIONAL ACTION PLAN BERLIN-BRANDENBURG

## Results

### TRANSPARENCY

- M10: Enable cost comparison for road vs. multimodal chain
- M11: Overview of characteristic values - "Inland Shipping Showcase"
- M12: Digital berth register
- M13: New customer roadmap "My way to the inland waterway"
- M14: convening of a waterway coordinator

### EFFICIENCY

- M15: Waterway - prioritize bottlenecks and gradually eliminate them
- M16: Port areas - increase space efficiency, secure expansion options
- M17: Thinking about new types of ships
- M18: Thinking about new logistics concepts involving the ports
- M19: Try out new containers
- M20: Further strengthen added value and processing in the ports
- M21: Develop new business models



# REGIONAL ACTION PLAN BERLIN-BRANDENBURG

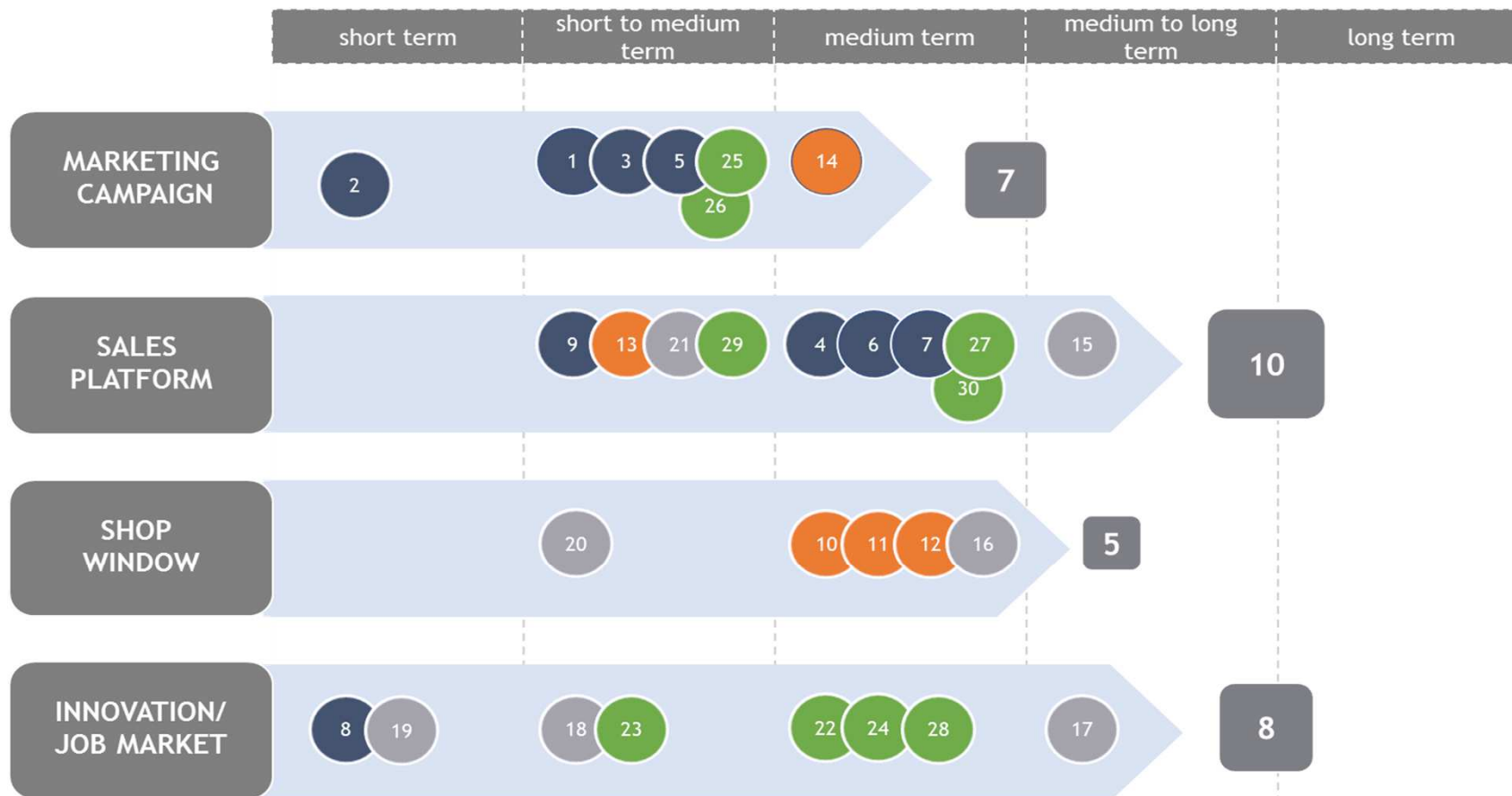
## Results

### FUTURE VIABILITY

- M22: Create new working time models
- M23: Sponsorship: Strengthening exchange with schools / universities
- M24: Create entry-level programs for (non) academic junior staff and career changers
- M25: Campaign Marketing: Spotlight on the Waterway!
- M26: Present new use cases
- M27: Promote partnerships with startups and new industries
- M28: Create an innovation center at the university
- M29: Promote cross-location cooperation
- M30: Strengthening, networking and further developing existing initiatives

# REGIONAL ACTION PLAN BERLIN-BRANDENBURG

## Results



# REGIONAL ACTION PLAN BERLIN-BRANDENBURG

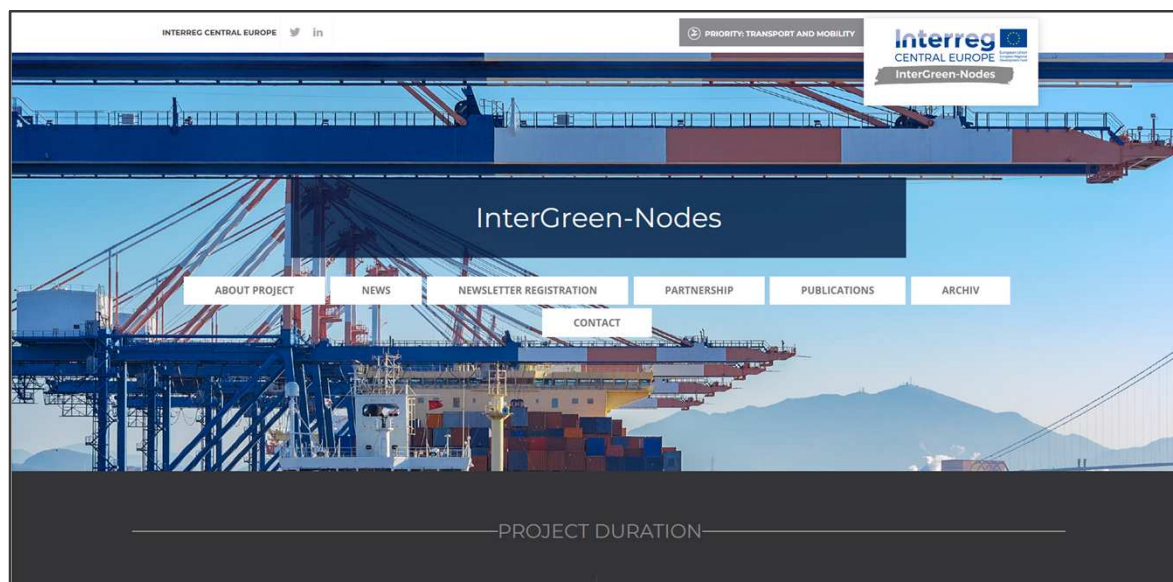
## Impact and implementation



- Setting the topic - grateful stakeholders
- Show the importance of collaboration between the different levels of stakeholders
- Find common goals beside the daily competition
- Promoting the developed measures
- Permanent communication by using existing dialogue formats
- Integration in the implementation of exiting strategies
- New integration in new strategies and concepts
- Interdisciplinary!

# WHERE TO FIND MORE INFORMATION

All reports and lessons learned can be found on the project website from June on:



[www.interreg-central.eu/Content.Node/InterGreen-Nodes.html](http://www.interreg-central.eu/Content.Node/InterGreen-Nodes.html)



# THANK YOU!



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