

Overview of the session

- General presentation of SO 3.1
- Presentation of the 1st and 2nd Call projects
- SO 3.1 within the 3rd Call
- Insights from EUSDR PA1a and PA1b
- Project development – practical experience



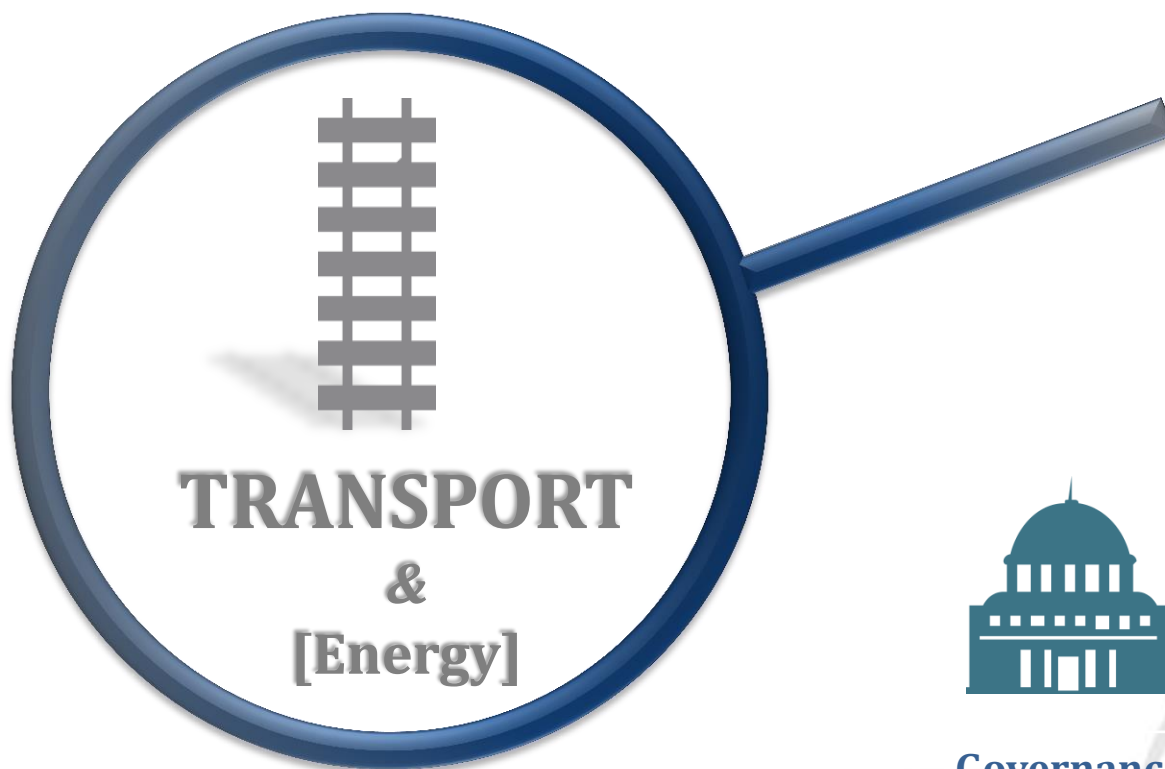
Areas of intervention



Innovation



**Environment and
culture**



Governance

Support environmentally-friendly and safe transport systems and balanced accessibility of urban and rural areas

Improve planning, coordination and creating practical solutions for an environmentally-friendly, low-carbon and safer transport network and services in the programme area contributing to a balanced accessibility of urban and rural areas.

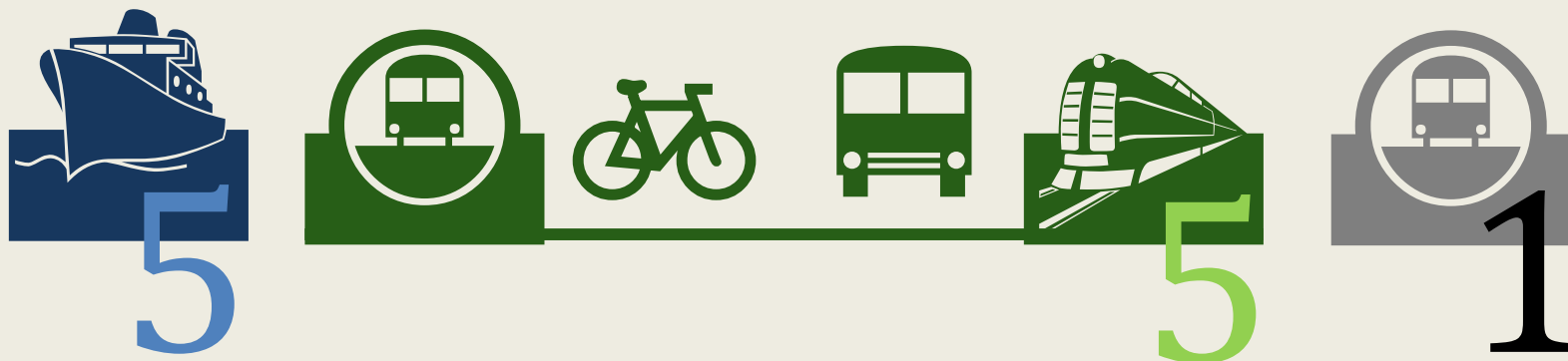


Envisaged results

1. Better **connected and interoperable** transport systems
2. Further **development of waterways** while **limiting the negative impact of transport** activities on the Danube ecosystem
3. Further **development of multimodal hubs, terminals and links**
4. **Safer transport** network
5. Better **organisation of public transport** and promotion of **sustainable modes of transport**



1st Call projects





DANTE – removal of administrative barriers along the Danube river

DANUBE STREAM – improved waterway management

DAPhNE – development of Danube ports



DBS Gateway Region – unlock the full potential of the Danube-Black Sea region for maritime and waterway transport

GREEN DANUBE – reduction of pollution from ships



FROM

administrative barriers

TO

**seamless (cross-border)
movement of cargo and
passengers**

Barrier reporting tool
<https://www.prodanube.eu/administrativebarriers/>

Guidelines and recommendations
for effective administration of IWT
activities & improved processes

Danube IWT Administration
Strategy and Action Plan



DANUBE STREAM

CHALLENGE

Better exploitation of the Danube river for cargo and passenger transport

User Information Services

- D4D portal
<http://www.d4d-portal.info/>
- eCharts
- FIS portal
<http://www.danubeportal.com/>

Waterway management

1. Raise effectiveness though:
 - Harmonised Levels of Service
 - Common Performance Indicators
2. Support tools
 - Vertical clearance sensors
 - Marking application
 - GIS database on river training works

EXPECTED RESULT

Effective waterway infrastructure management

<http://www.interreg-danube.eu/approved-projects/danube-stream>



Poorly
performing
Danube ports

Eco-friendly
multimodal
hubs

Port
legislation

Port
investments

Port
administration

Port
business strategies

Port
infrastructure

Danube Port Network

<http://www.interreg-danube.eu/approved-projects/daphne>



DBS Gateway Region



CHALLENGE

Turn the D-BS region into an attractive gateway for maritime and IWT transport between Central Europe and the Black Sea

- ✓ Analysis of region's potential
→ Joint Vision 2040
- ✓ Roadmap for a DBS Gateway Region
→ Regional Action Plans
→ Project identification
→ Project development
- ✓ Funding Guidelines
- ✓ Capacity Building
- ✓ Cooperation platform



GREEN DANUBE

Polluting vessels

**Endangered
eco-system**

- ✓ Measurements of air polluting emissions
- ✓ Analysis of operating regimes of IWT ships
- ✓ Identification of greening technologies
- ✓ Strategy for emissions reduction and use of green technologies
- ✓ Analysis of current legislative framework
- ✓ Policy agenda for the uptake of developed recommendations



Mobility

CHESTNUT – development of Sustainable Urban Mobility Plans for Functional Areas in the region

CityWalk – promotion of sustainable mobility in the urban transport mix focusing on walking and biking

eGUTS – promotion of e-mobility solutions and smart tools

Transdanube.Pearls – establishment of a network of destinations (Danube Pearls) committed to sustainable mobility



LinkingDanube – development of a cross-border multimodal travel information system



CHALLENGE

Urban sustainable
transport

« Mobility scenarios

« Sustainable Urban Mobility
Plans for selected Functional
Areas

« Testing of identified
solutions for urban sustainable
transport through pilot actions





- ◀◀ Local Walkability Plans to enable the shift towards sustainable urban mobility
- ◀◀ Walkability toolkit (guide, walkability index, online walkability assessment tool)
- ◀◀ Testing of identified solutions in selected cities

More
livable



for





EXPLOIT POTENTIALS FOR e-MOBILITY IN THE DANUBE REGION

- ❖ Defining standards for sustainable and smart measures towards e-mobility
 - ❖ Development of FS on e-mobility
 - ❖ Preparation of Local Action Plans
 - ❖ Development of apps to support e-mobility
 - ❖ Testing of identified solutions in selected cities



<http://www.interreg-danube.eu/approved-projects/eguts>



Isolated “shells”

- ✓ Defining common standards for the “Pearls”
- ✓ Developing business plans
- ✓ Identifying funding sources
- ✓ Elaborating mobility plans
- ✓ Implementing sustainable mobility services
- ✓ Establishing Mobility Information Centres
- ✓ Building local capacities



**Danube “Pearls” committed
to sustainable transport**



Multimodal journey
planning services
promoting
sustainable modes
of transport

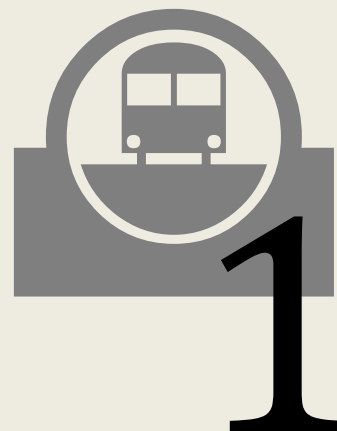
- ⇒ Development of a concept and guide for linking multimodal traveller information services across borders
- ⇒ Development of a decentralised tool – Journey Planner
- ⇒ Development of the Danube Scout mobile app as one-stop shop for travellers
- ⇒ Elaboration of recommendations for the integration of alternative mobility services in rural areas
- ⇒ Demonstrations of developed concept and tool for transnational transport and on-demand transport



TRANSGREEN – safer and more environmentally-friendly road and rail networks in mountainous regions of the Danube basin

- ✓ Developing concrete environmentally-friendly and safe road and rail transport solutions taking into account the ecological corridors
- ✓ Developing Guidelines on integrated transport infrastructure planning, construction, management and monitoring taking into account aspects of road safety and biodiversity conservation
- ✓ Developing concrete measures for the 4 selected areas
- ✓ Fostering an inter-sectoral dialogue at policy level aimed at mutual understanding and implementation of recommendations towards integrated transport infrastructure planning

2nd Call projects





GRENDL: modernisation of Danube inland fleet



- Development of an IWT innovative technology database
- Identification of investment requirements
- Development of concepts for the greening of inland vessels
- Identification of financial instruments for the actual modernisation of Danube fleet
- Development of model State Aid schemes and other public support measures for the modernisation of the fleet



RADAR - road safety and reduction of risks

- Protection elements
 - Vulnerable road users
 - Sensitive areas
 - Speed management
- Capacity building for the staff of road safety organisations
 - Strategy for the improvement of road safety (infrastructure)
 - Action Plans for the enhancement of road safety
 - Demonstration of identified solutions
 - Uptake of Action Plans by national / local decision makers



THANK YOU!

Ana Leganel, Project Officer PA3
ana.leganel@interreg-danube.eu
+36 1 795 5338





- Transport corridors crossing the Danube region (e.g. addressing identified missing links, proposing solutions for improvement including [cross-border] traffic management systems, developing actions plans/ feasibility plans aimed at further developing the transport corridors – considering the pre-identified projects or their development status),
- Cycling routes crossing the Danube region (e.g. identifying missing links, proposing solutions for improvement, developing actions plans/ feasibility plans aimed at further developing the routes)
- Inter- and multi-modality, including development of ports' connections to road and rail transport for the improvement of transport chains

Good to know

- ❖ Transport corridor = linear route linking two points shared or not by multiple transportation modes that supports the moving of people and / or cargo
- ❖ Addressed transport corridor/ cycling route should be clearly identified and the positive effect of the planned actions is to be demonstrated
- ❖ All kinds of improvement solutions can be pursued as long as their necessity and future viability is demonstrated
- ❖ Inter- and multi-modality refers to both cargo and passenger transport

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