

Danube Business Talks 2018

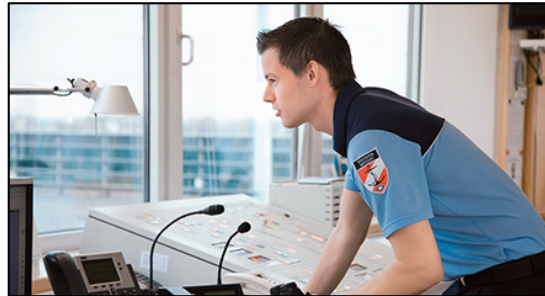
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The Danube – A Stream of Energy



Hans-Peter Hasenbichler, Managing Director, viadonau
10 October 2018, Meliá Vienna

viadonau stands for modern waterway management



- Company owner: Ministry of Transport, Innovation and Technology
 - Founded in 2005 on the legal basis of the Austrian Waterway Act
 - Responsible management, development and promotion of the Danube waterway
 - National and international projects on infrastructure management, shipping and logistics, electronic information systems, flood control and hydraulic engineering
- > Leading international waterway operator in the Danube region

The four pillars of our company activities



Environment

Water protection

Preservation and improvement of the eco-systems Danube, March and Thaya

Navigation

Reduction of greenhouse gas emissions and increased environment-friendliness of inland navigation



Economy

The waterway

Customer-oriented waterway management and improvement of the fairway channel

Danube logistics

Increased competitiveness of inland navigation in logistics networks



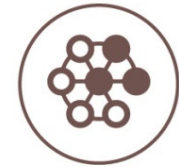
Safety

Flood protection

Ensuring flood protection

Traffic safety

Increased traffic safety as well as safer lock operation



Corporate Governance

Efficiency/ Sustainability

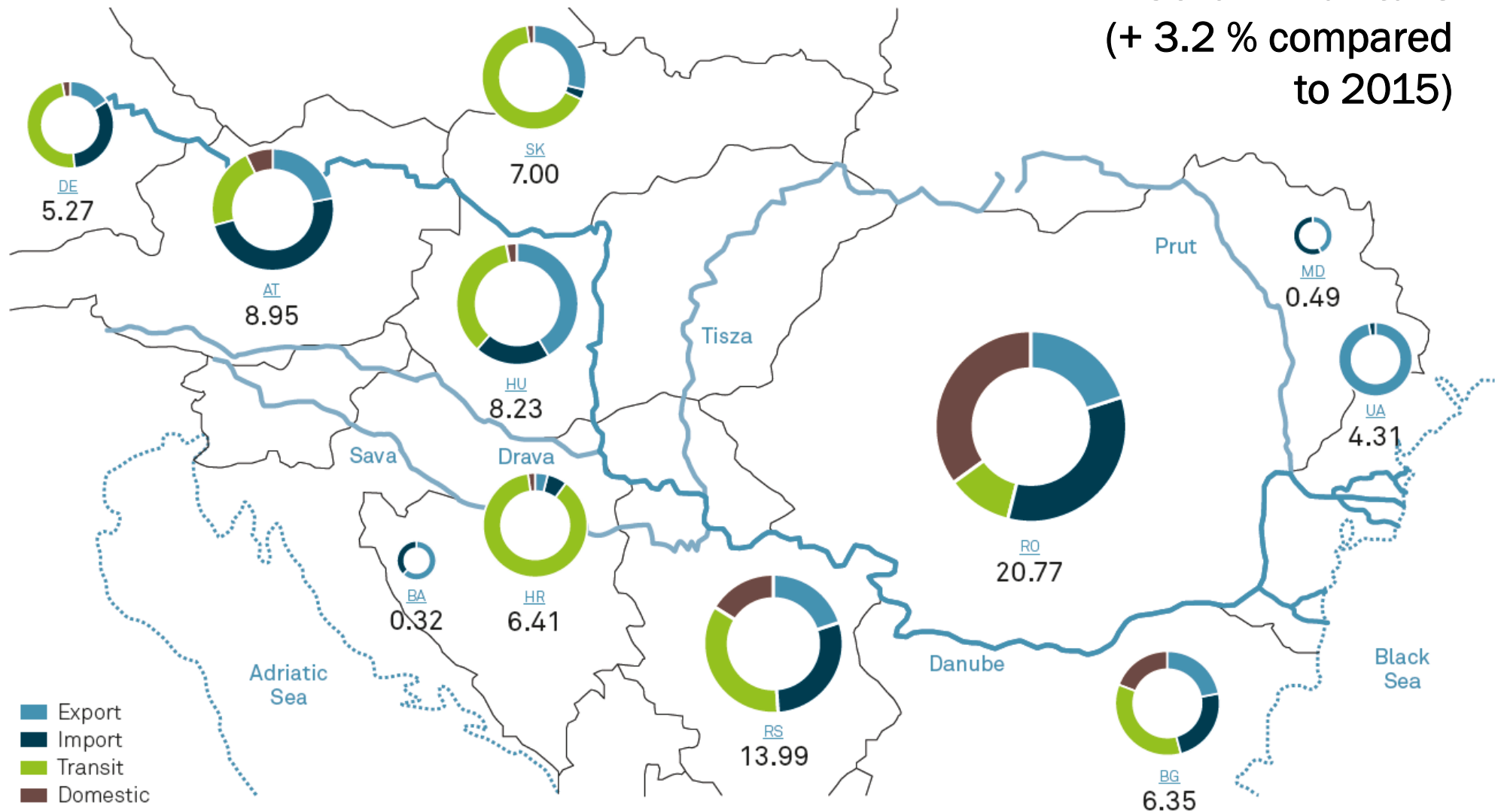
Increased efficiency in the provision of services and sustainable as well as impact-driven commitment and action

Transparency/ Risk orientation

Comprehensive planning, deciding and acting as well as appropriate risk management strategies

Freight transport on the entire Danube 2016

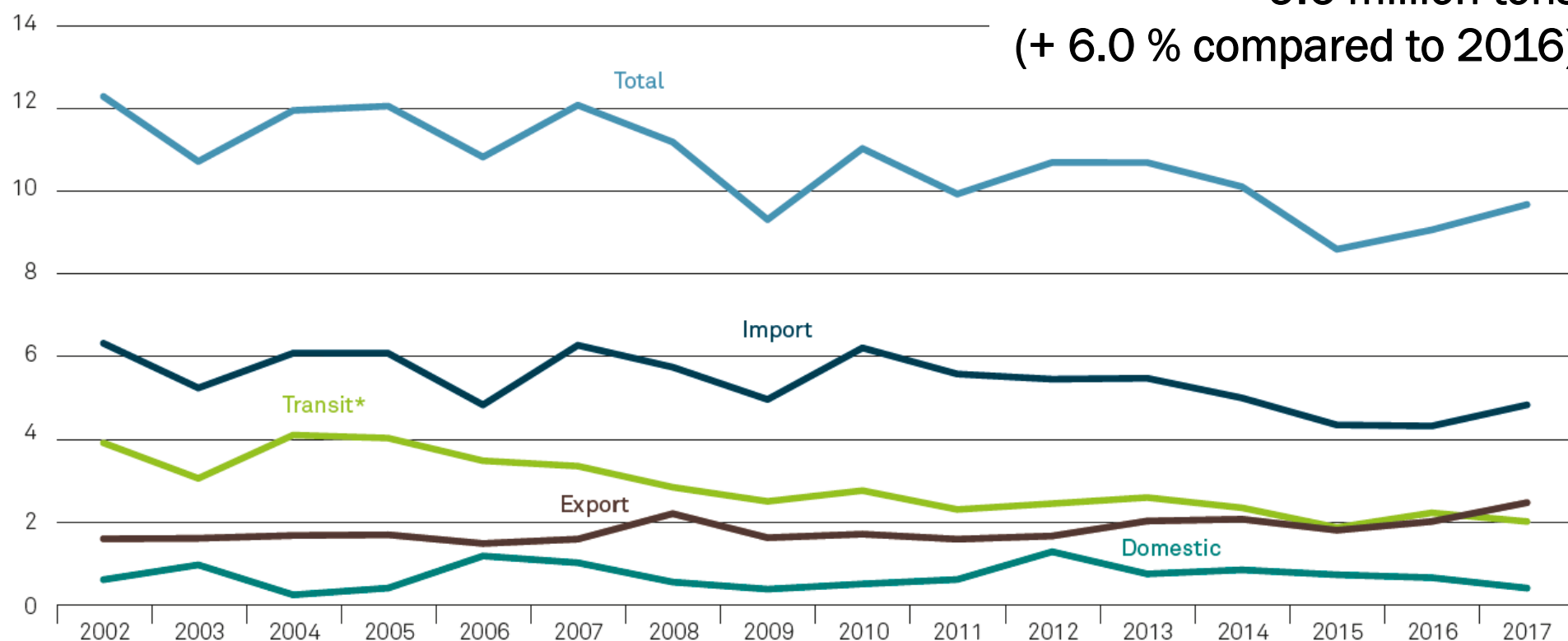
39.6 million tons
(+ 3.2 % compared
to 2015)



Freight traffic on the Austrian Danube 2017

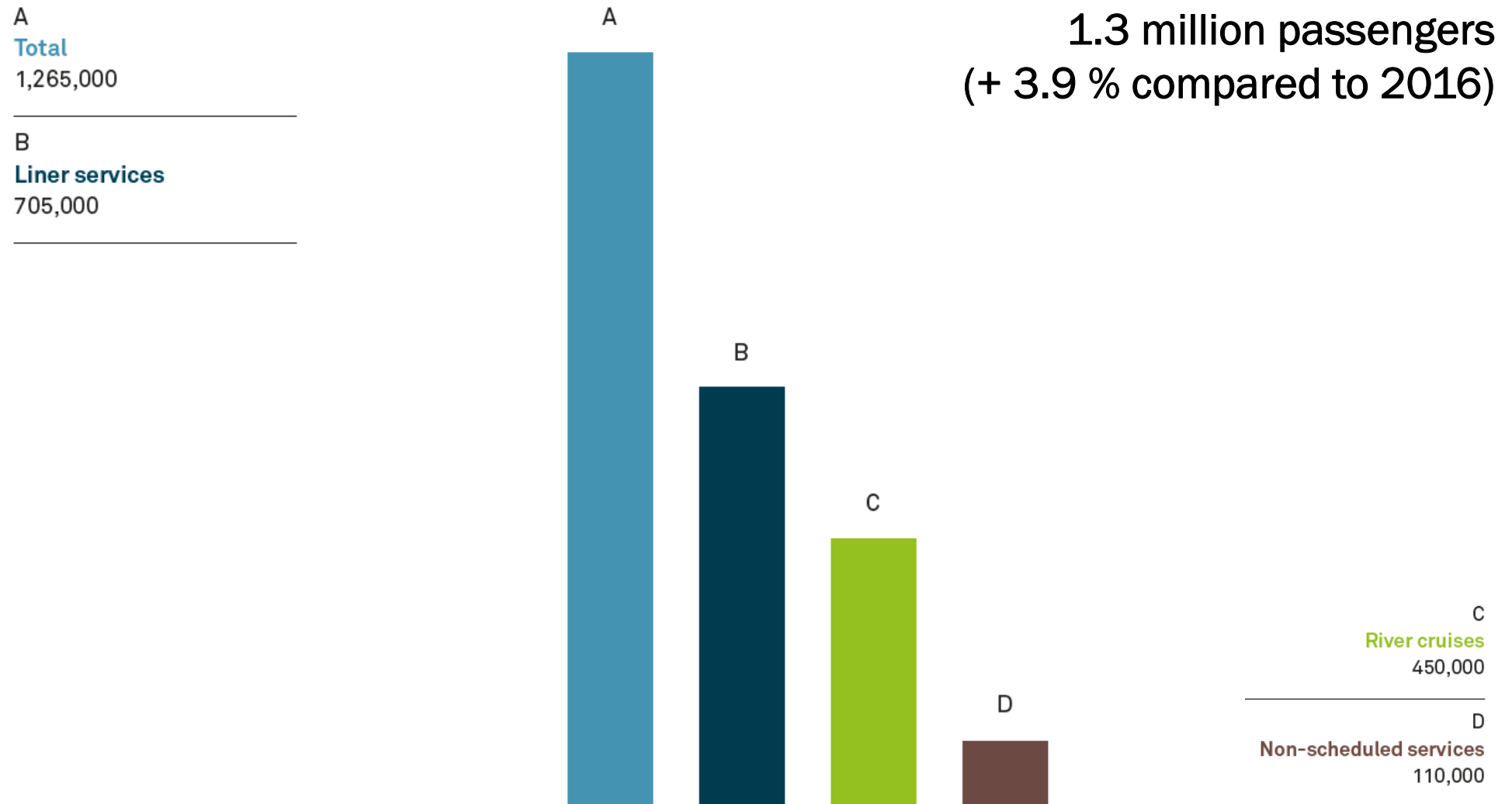
9.6 million tons

(+ 6.0 % compared to 2016)



Transport volumes in tons	Import	Export	Transit*	Domestic	Total
2017	4,822,231	2,380,773	2,027,367	389,148	9,619,520
2016	4,299,854	1,975,592	2,187,190	608,842	9,071,478
2015	4,325,020	1,763,975	1,830,024	680,335	8,599,354
2014	4,982,130	2,031,587	2,309,212	798,797	10,121,726
2011	5,461,830	1,987,404	2,559,494	701,119	10,709,847

Passengers on the Austrian Danube 2017



Potentials for passenger shipping along the Danube

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- Danube offers many touristic highlights along its 2,415 navigable kilometres
- Ever increasing interest in daily cruises and several-day river cruises
- High expectations and demands of customers towards river cruises (e.g. available services, facilities on board and on shore, touristic programme)



Booming industry ...



Photo credits: Avalon Waterways, Hafen Wien

... needs targeted measures

- New passenger terminals and landing piers with high-quality infrastructure in the vicinity of tourist attractions
- Recruitment initiatives for service-oriented and skilled workforce (technical-nautical and hotel personnel)

Economic potentials in the Danube region

Population

With **90 million inhabitants** the Danube region is an important economic factor and consumer market.



Integration

Integration of the Danube riparian states into the European Union fosters **dynamic economic development** and new trading links.



Infrastructure

The Danube waterway offers a **competitive infrastructure** offering opportunities for the development of the European industrial sector, international trade and the leisure industry.



Danube-specific challenges for cargo and passenger shipping

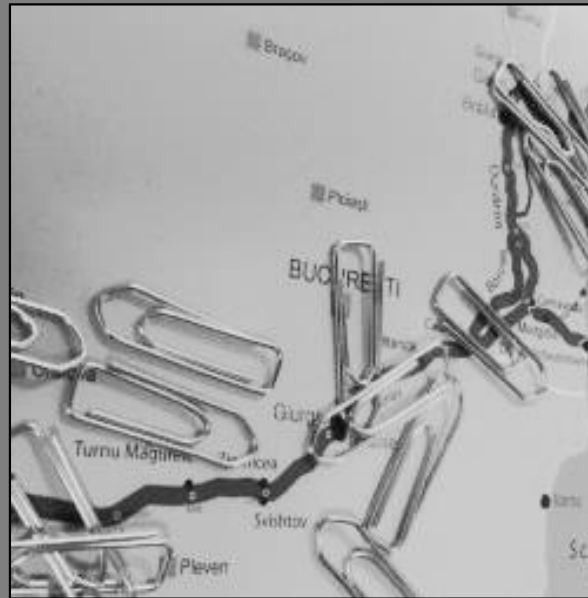
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Today's focus sessions

Waterway infrastructure
and improvement of
fairway conditions



Improvement of
administrative barriers
along the Danube

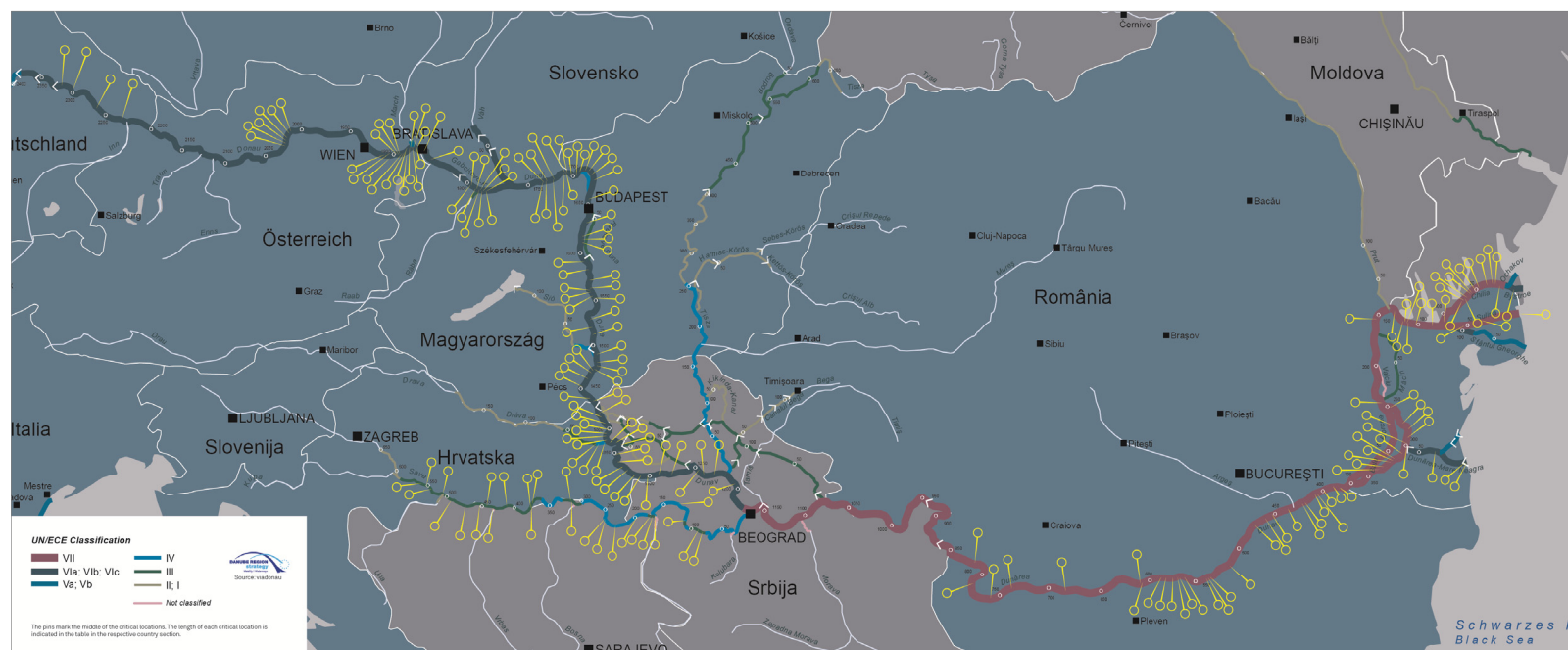
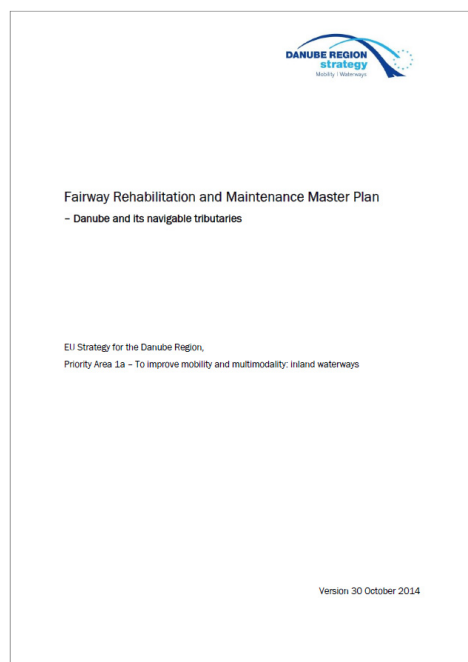


→ both topics are addressed in the **EU Danube Region Strategy**

Concrete implementation steps: EU Strategy for the Danube Region



- The overall objective is provide 2.5m fairway depth on the entire Danube.
- 2014: elaboration of the **Fairway Rehabilitation and Maintenance Master Plan**



- Biannual monitoring of the status of all critical locations on the Danube and its navigable tributaries as well as rehabilitation and maintenance activities of all riparian states

Concrete implementation steps: EU Strategy for the Danube Region



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- The overall objective is to **simplify, harmonize and digitalise** border controls along the Danube
- **Biannual working group** with representatives of border control authorities and the shipping sector to implement joint measures
- **Working programme** with 6 thematic fields and 20 recommendations

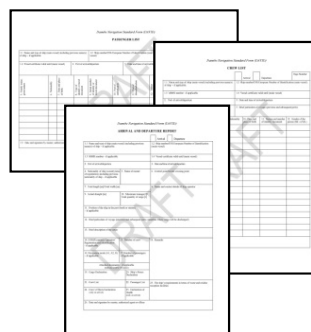
Practical examples:

Simplification



Manual on border
controls

Harmonisation



Unified control forms

Digitalisation



Transnational control
database

Concrete implementation steps: FAIRway Danube project (2015 – 2020)

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FAIRway
Danube

- Waterway administrations of: Austria (coordinator), Slovakia, Hungary, Croatia, Romania, Bulgaria
- Project objective: Procurement and 3 years pilot operation of



39 automatic gauging
stations



5 surveying vessels



4 marking vessels

... to gain experience for the full deployment of the Fairway Rehabilitation and Maintenance Master Plan

viadonau's focus initiatives in the field of Danube logistics

National
level

High & Heavy
transports

2010 - 2012



Renewable
resources

2012 - 2014



Recycling
products

2015 - 2016



Building
materials

2017 - 2018



Photo credits: viadonau

Transnational
level



Ongoing project
in the focus of
tomorrow's
programme!

The Danube – A Stream of Energy

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- **High volume of biomass** along the Danube corridor (fertile soil, growing agricultural yield)
- **Climate goals** on European, national and regional level (e.g. Renewable Energy Directive, EU2020 climate goals, National Renewable Energy Action Plans etc.)



Bioenergy meets ...



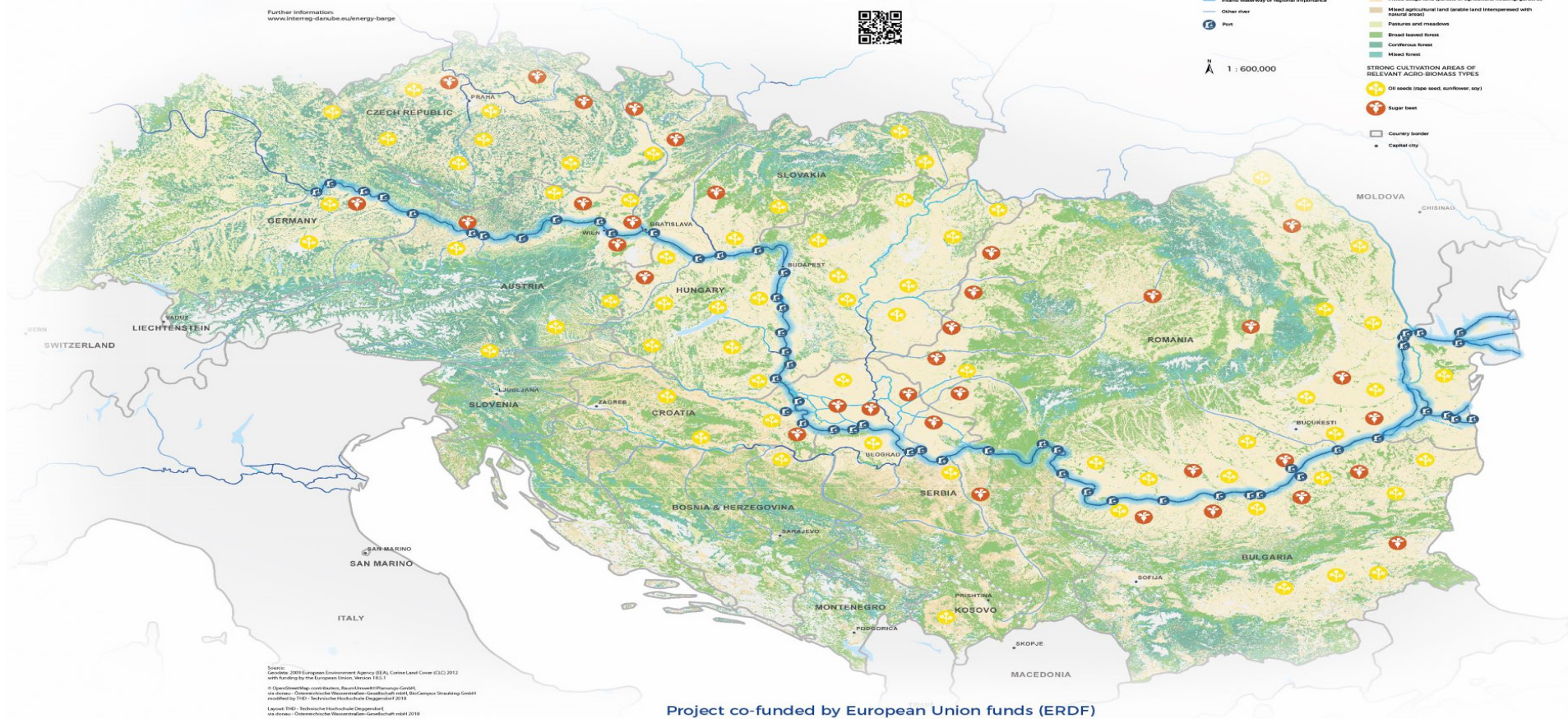
Photo credits: BioCampus - Hafen Straubing-Sand

... Danube logistics

- Inland waterway transport as **cost efficient transport solution for bulk cargo** (e.g. grain, oilseeds, wood products)
- **High loading capacity** of Danube vessels compared to truck and railway
- **High density** of Danube ports with **efficient handling and storage facilities** for agricultural and forestry products

The Danube – A Stream of Energy

www.energy-barge.eu



Project co-funded by European Union funds (ERDF)

Thank you for your attention.

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