



Donaukommission – Commission du Danube – Дунайская Комиссия – Danube Commission

Austria Bulgaria Croatia Germany Hungary Moldova Romania Russia Serbia Slovakia Ukraine



## DANUBE COMMISSION

Joint Workshop “Roadmap and actions towards zero-emission Danube fleet”

**Status of the DC Strategy and Roadmap**

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Budapest, 8 October 2024



## Objective of the DC Strategy & Roadmap for Fleet Modernization

The main objective of the DC Strategy and Roadmap is to develop and implement, within a certain time frame, specific organizational, technical, and social measures, agreed upon by the public and private stakeholders within the framework of the Danube Commission, to ensure the transition of the Danube fleet to zero emissions according to three scenarios: conservative, innovative, and business-as-usual.

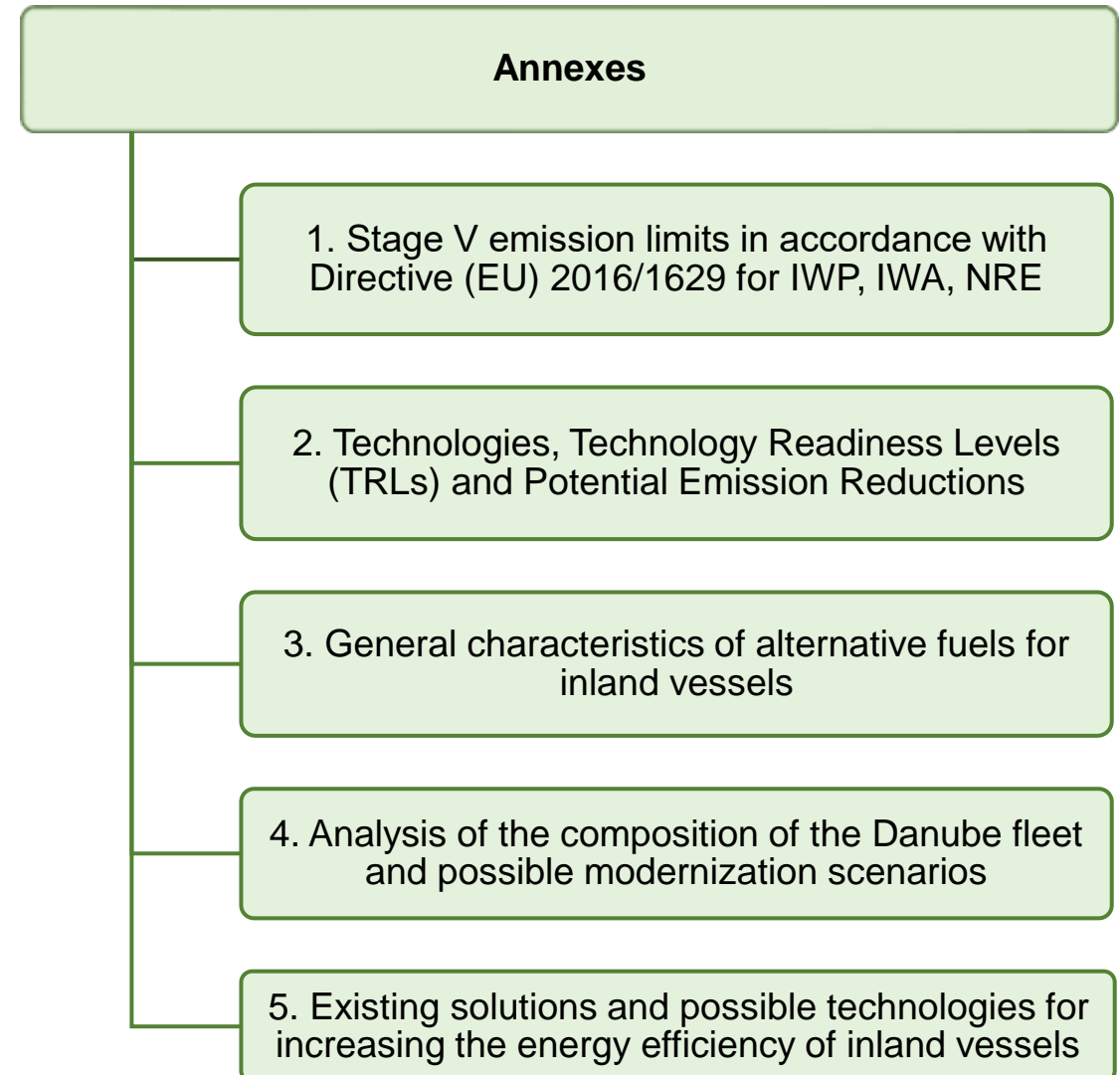
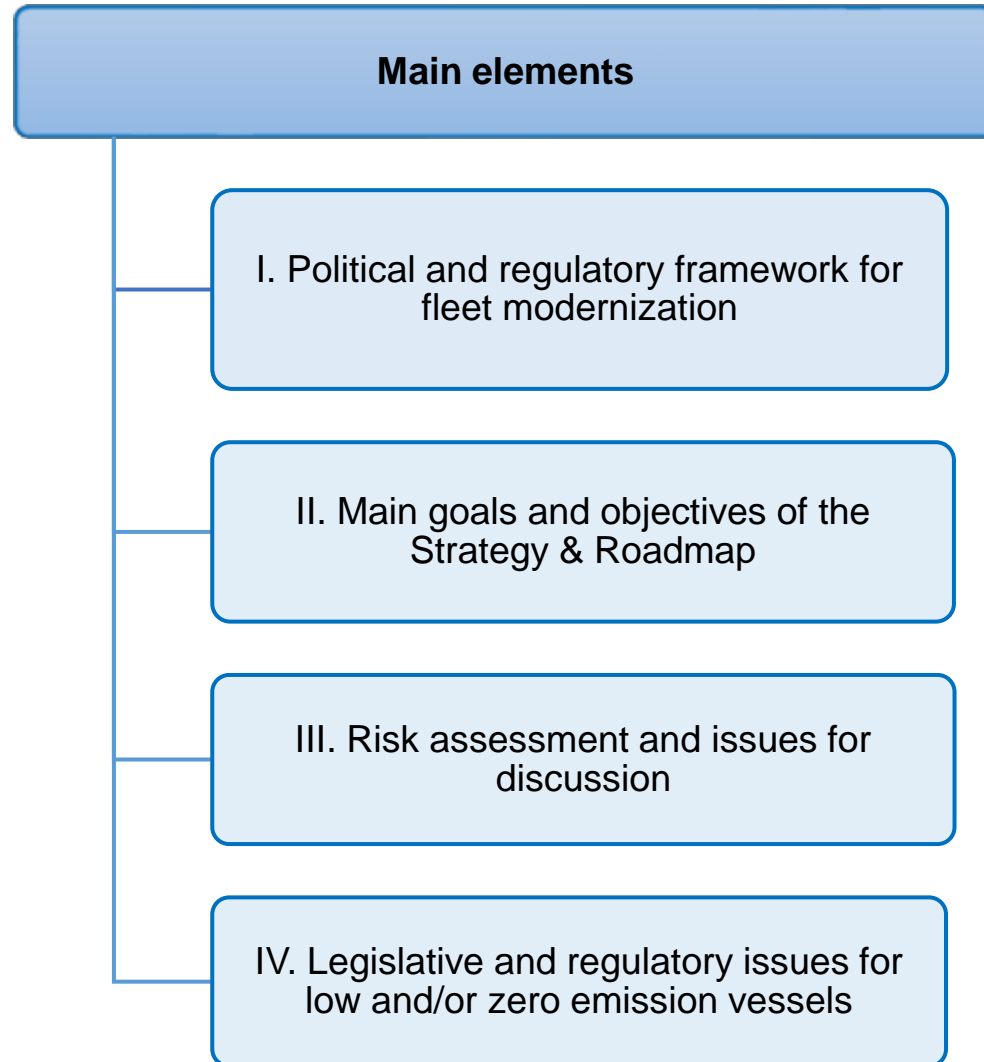
To achieve this objective, the DC Strategy and Roadmap foresee:

- reduction of greenhouse gases in the Danube fleet;
- compliance with regulatory requirements to reduce the level of other harmful emissions (air pollutant gases: CO, HC, NO<sub>x</sub>, and particulate matter - PM);
- transition of the Danube fleet to zero-emission operations in terms of greenhouse gases and other harmful emissions;
- improvement of the energy efficiency of the Danube fleet and reduction of fuel consumption during vessel's operation.

The measures foreseen in the DC Strategy and Roadmap are recommended for inclusion in targeted national fleet modernization programs; they should not only ensure environmentally friendly shipping but also increase the competitiveness of the Danube shipping.



# Draft Strategy & Roadmap: Table of Content





## Work done so far by the Secretariat

### 2018 – 2020

- The DC participated in the EU/DTP GRENDEL project “Green and efficient Danube Fleet” and followed the relevant developments on EU level;

### 2020 - 2021

- In line with the European Green Deal and based on the results of the GRENDEL project, the DC has turned to the Member States to promote measures at national level to reduce CO2 emissions and air pollutant emissions and to support the modernization of the vehicle fleet.

### October 2021

- The DC proposes to its Member States presents to establish a cooperation platform for a future coordinated implementation of greening measures, based on the outcome of the relevant EU funded projects and in line with the EU regulatory framework.

### 2022 – 2023

- The idea of a “Fleet Modernization Platform” of the DC was supported and discussed by the Member States. The Technical Working Group (WG Tech) tasked the Secretariat to prepare a Strategy and a Roadmap for Danube fleet modernization.

### April 2024

- The Secretariat presented a first draft of the Strategy & Roadmap in the WG Tech.



## Steps towards finalization

- Approval of the Draft document for the Strategy & Roadmap by the DC Member States ( WG TECH, 9-10 October 2024);
- Workshop with stakeholders from IWT industry, member states and alternative fuel providers, 8 October 2024
- Elaboration of a catalogue of measures for coordinated national implementation and facilitating the development of national plans and incentives for fleet modernization in close cooperation with fleet operators:
- Follow-up workshop at DC in Budapest on 12 May 2025 with focus on Member states actions
- Update of the Draft Strategy & Roadmap document and submission for approval to WG TECH



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**Thank you for  
your attention!**

**Secretariat of the Danube  
Commission**

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