

DRAFT MAP

Danube River Basin District Overview

DRBMP Update 2021 - MAP 1



This ICPDR product is based on national information provided by the Contracting Parties to the ICPDR (AT, BA, BG, CZ, DE, HR, HU, ME, MD, RO, RS, SI, SK, UA) and CH. EuroGlobalMap data from EuroGeographics was used for all national borders except for AL, BA, ME where the data from the ESRI World Countries was used; Shuttle Radar Topography Mission (SRTM) from USGS Seamless Data Distribution System was used as elevation data layer; data from the European Commission (Joint Research Center) was used for the outer border of the DRBD of AL, IT, ME and PL.

Vienna, March 2021

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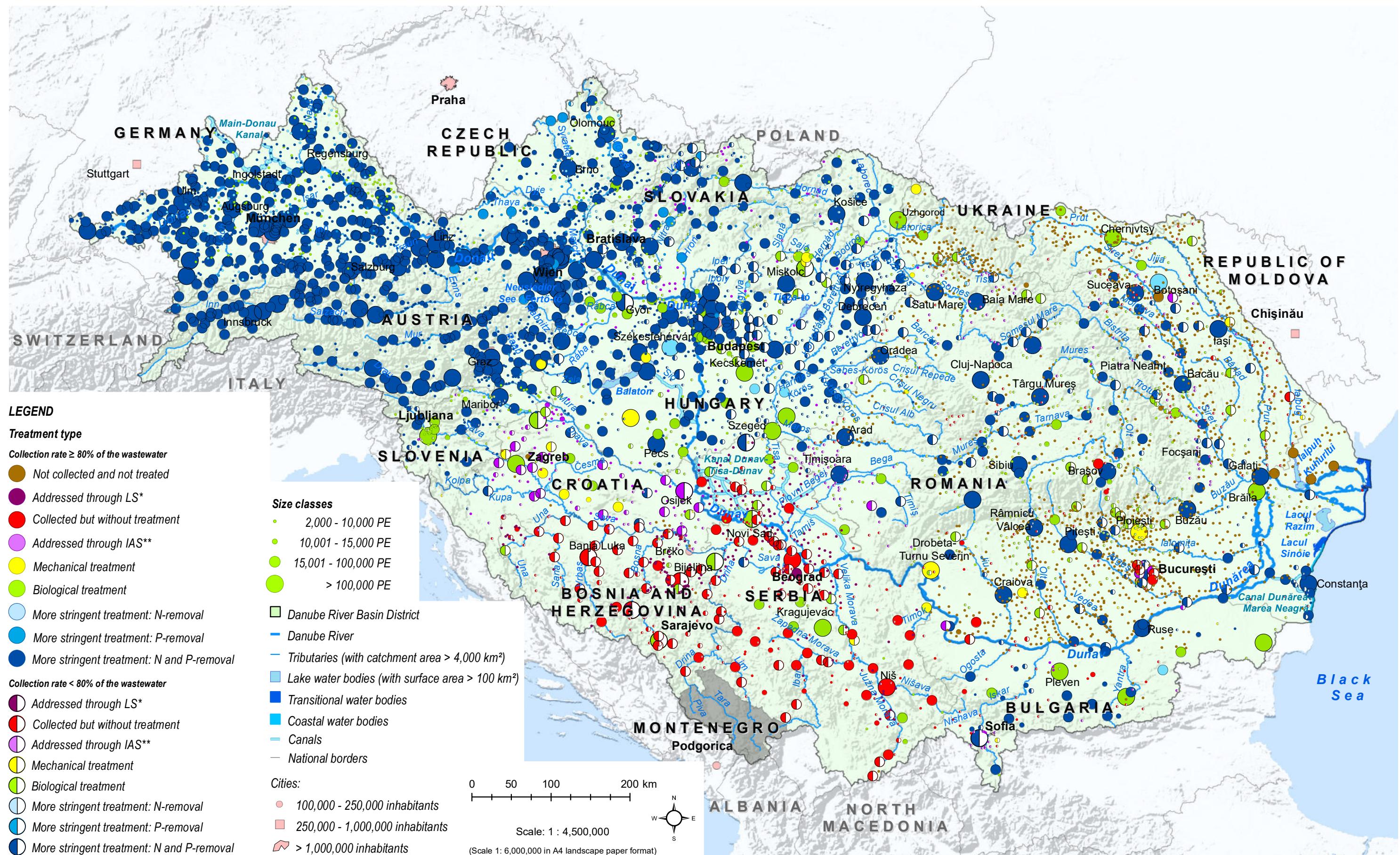
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* LS: Local Systems used for wastewater collection and local treatment (cesspools, septic tanks, small domestic wastewater treatment plants, watertight tanks).

** IAS: Individual and other Appropriate Systems as defined by the UWWT (septic tanks with drain fields, small domestic wastewater treatment plants, watertight tanks).

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Main Facilities Reporting Direct Hazardous Substances Release to Water - Reference Situation 2017

DRBMP Update 2021 - MAP 6



* This map shows the Main industrial facilities, waste management facilities, and urban and industrial wastewater treatment plants - that are reporting direct hazardous substances release to water (Reference Situation 2017/2018)

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* Hydromorphological Assessment of 10-km Danube river stretches, carried on during the Joint Danube Survey 4 (JDS4)

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Hydrological Alterations - Water Abstractions: Current Situation 202

DRBMP Update 2021 - MAP 11



* This map illustrates full water bodies which are affected by significant water abstractions. The exact locations of individual abstractions are not visualised.

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* Significant hydrological alterations with water level fluctuation >1m/day or known/observed negative effects on biology. This map illustrates full water bodies which are affected by hydropeaking. The exact locations of individual pressures from hydropeaking are not visualised.

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* The barriers are related to different water uses. More detailed information is available in the chapter 2 of the DRBM Plan - 2021 Update.

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This map illustrates full water bodies which are affected by morphological alterations. The exact locations of individual water body alterations are not visualised.

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Future infrastructure projects can have multiple purposes, e.g. the main purpose of the project "Straubing-Vilshofen" in Germany is twofold: improvement of flood protection, and navigation.

Please note that the EIA study in relation to the Fast Danube Project (including the Impact Assessment on Water Bodies) is an ongoing process, and only its completion will conclude or not on WB deterioration.

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This map illustrates the relative abundance of the Invasive Alien Species sampled on the Joint Danube Survey sites.

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*Surveillance Monitoring 1 provides an assessment of the overall surface water status in the Danube River Basin District.

**Surveillance Monitoring 2 provides an assessment of long-term trends of specific pollutants and of loads of substances transferred downstream the Danube.



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Chemical Status of SWB (Priority Substances in Water without Ubiquitous Substances)*

DRBMP Update 2021 - MAP 23b



* According to Directive 2013/39/EU: i.e., without brominated diphenylethers, polyaromatic hydrocarbons, tributyltin compounds, perfluorooctane sulfonic acid and its derivatives, dioxins and dioxin-like compounds, hexabromocyclododecanes, heptachlor and heptachlor epoxide, mercury

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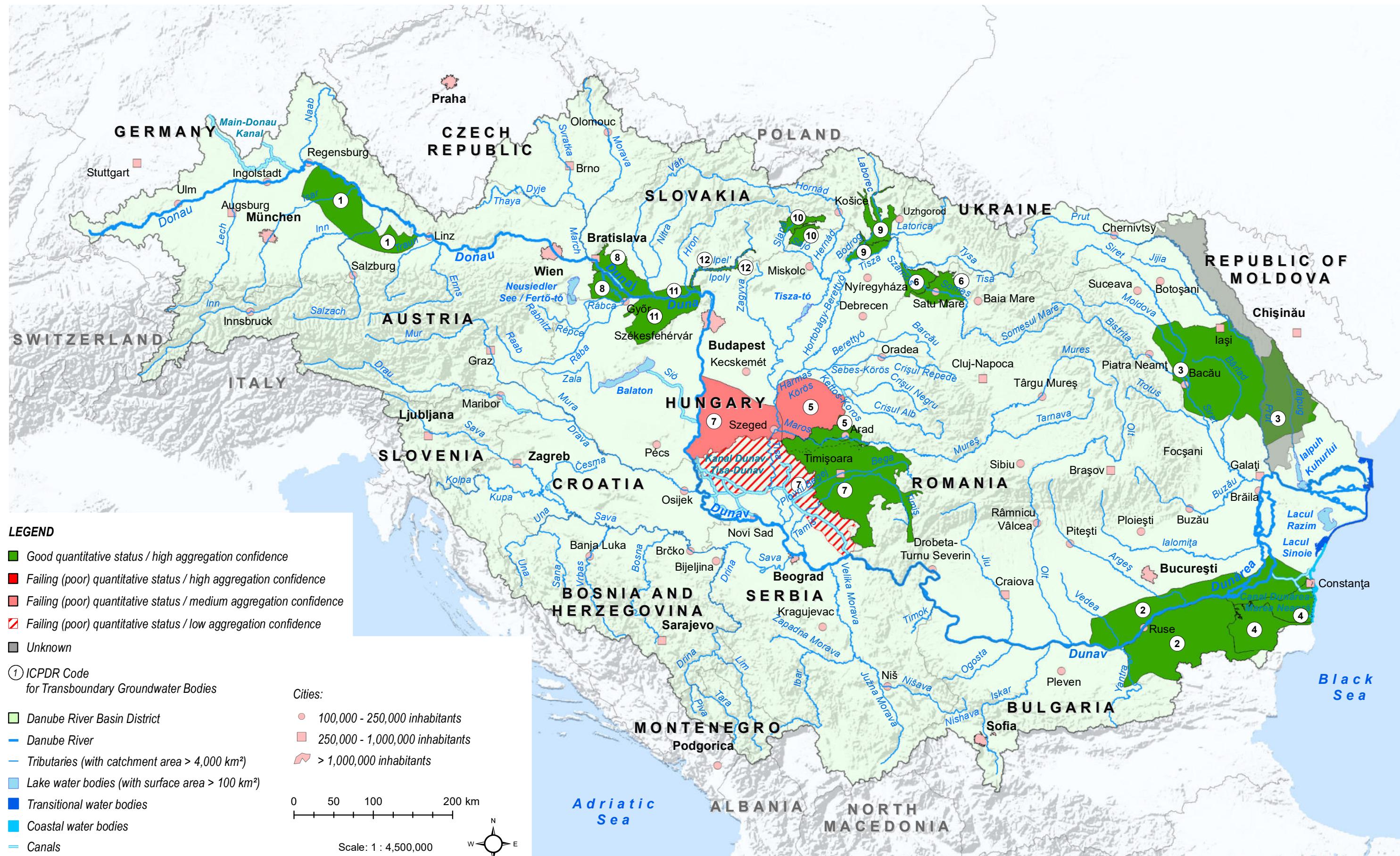
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The explanation of the aggregation confidence is given in the DRBM Plan - 2021 Update

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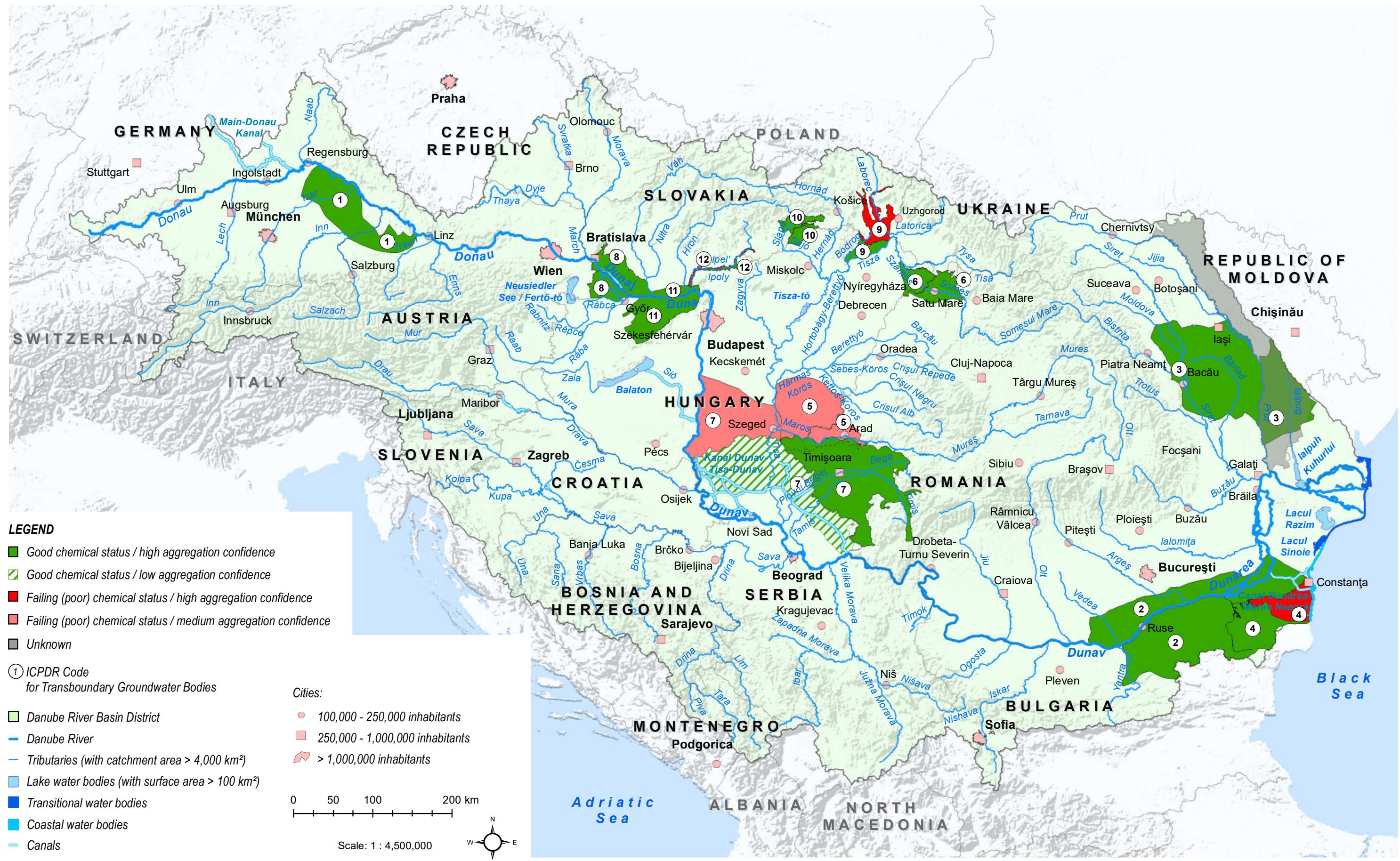
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Hydrological Alterations - Hydropeaking - Expected Restoration Measures by 2027

DRBMP - Update 2021 - MAP 36



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Interruptions of River Continuity for Fish Migration - Expected Restoration Measures by 2027

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Alterations of River Morphology - Expected Restoration Measures by 2027

DRBMP - Update 2021 - MAP 38



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Wetlands/Floodplains with Reconnection Potential - Expected Restoration Measures by 2027

DRBMP Update 2021 - MAP 39



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