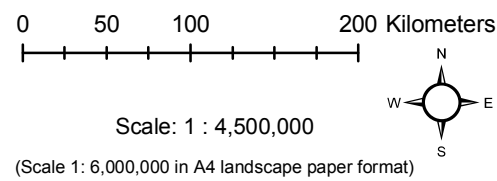




LEGEND

- Danube River Basin District (DRBD)
- Danube River
- Tributaries (with catchment area > 4,000 km²)
- Lake water bodies (with surface area > 100 km²)
- Transitional water bodies
- Coastal water bodies
- Canals
- Competent authority
- National borders

- Cities:*
- 100,000 - 250,000 inhabitants
 - 250,000 - 1,000,000 inhabitants
 - > 1,000,000 inhabitants

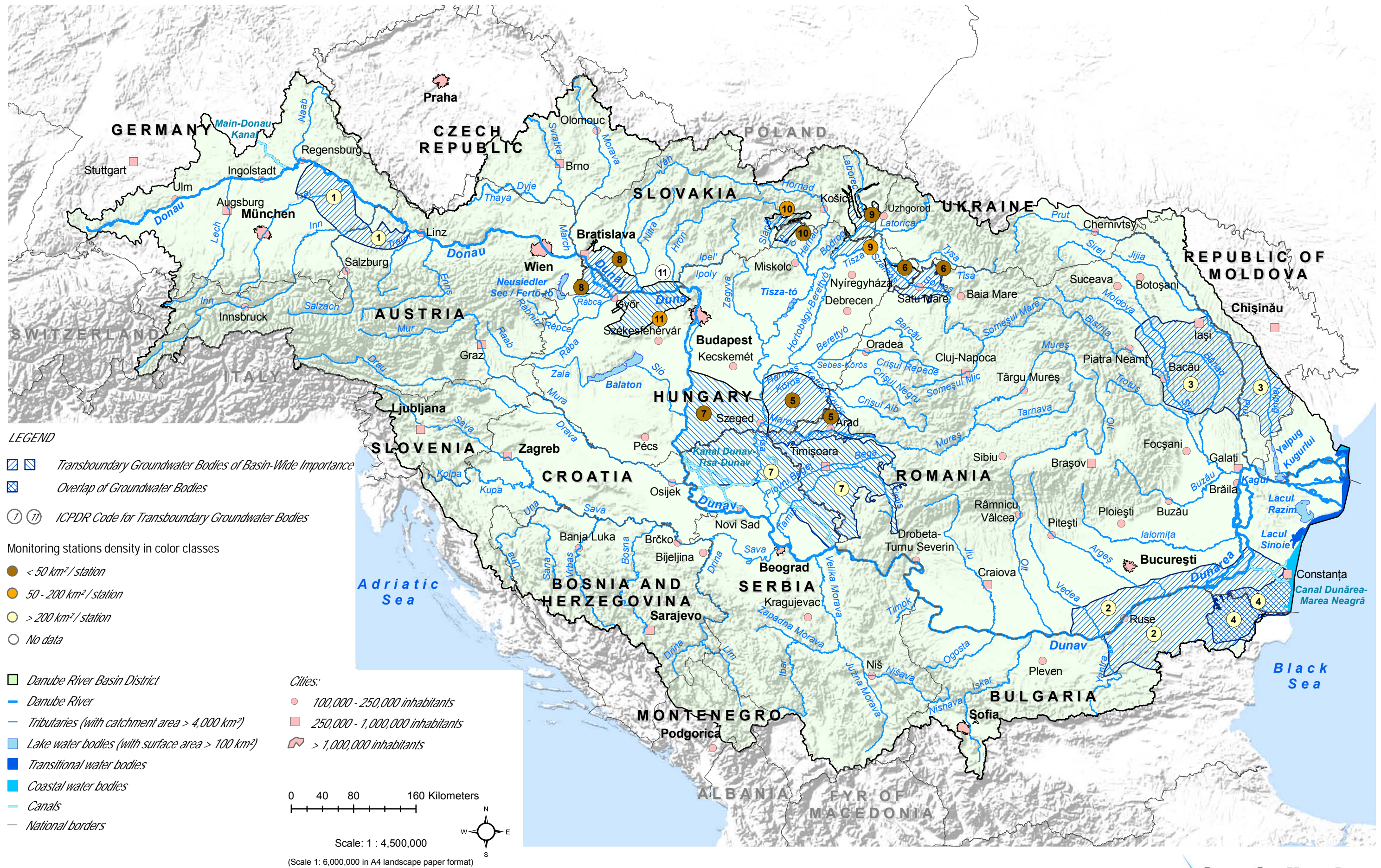


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This map illustrates full water bodies which are affected by impoundments. The exact location of individual impoundments is not visualised. Annex 20 of the DRBM Plan indicates respective details per country.

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- LEGEND**
- Significant Water Abstractions
 - Flow below dam < 50% of mean annual minimum flow in a specific time period (comparable with Q95)
 - Altered flow based on national pressure/impact criteria
 - Specific minimal flow below the dam unknown
 - Danube River Basin District
 - Danube River
 - Tributaries (with catchment area > 4,000 km²)
 - Lake water bodies (with surface area > 100 km²)
 - Transitional water bodies
 - Coastal water bodies
 - Canals
 - National borders

Cities:

- 100,000 - 250,000 inhabitants
- 250,000 - 1,000,000 inhabitants
- > 1,000,000 inhabitants

0 50 100 200 Kilometers

Scale: 1 : 4,500,000
(Scale 1: 6,000,000 in A4 landscape paper format)

This map illustrates full water bodies which are affected by water abstractions. The exact location of individual water abstractions is not visualised. Annex 20 of the DRBM Plan indicates respective details per country.

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LEGEND

- Significant hydrological alterations with water level fluctuation > 1m/day or known/observed negative effects on biology
- Altered flow regime
- Specific water level fluctuation unknown

- Danube River Basin District
- Danube River
- Tributaries (with catchment area > 4,000 km²)
- Lake water bodies (with surface area > 100 km²)
- Transitional water bodies
- Coastal water bodies
- Canals

Cities:

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(Scale 1 : 6,000,000 in A4 landscape paper format)

This map illustrates full water bodies which are affected by hydropeaking. The exact location of individual hydropeaking is not visualised. Annex 20 of the DRBM Plan indicates respective details per country.

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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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* Details on the risk assessment regarding the risk for failure of the WFD environmental objectives performed by the Non EU Member States are part of the Danube River Basin Management Plan Annex 14.

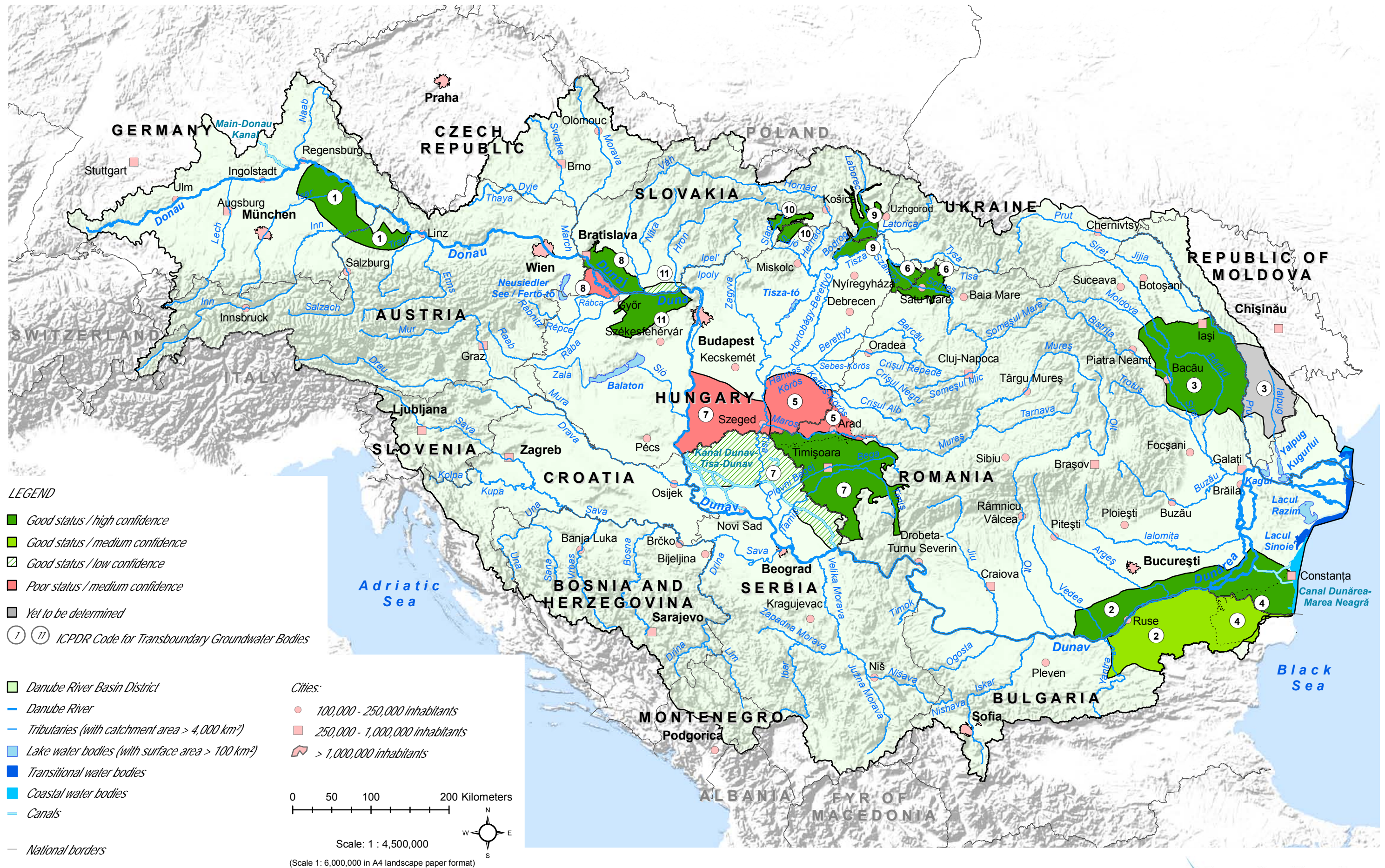
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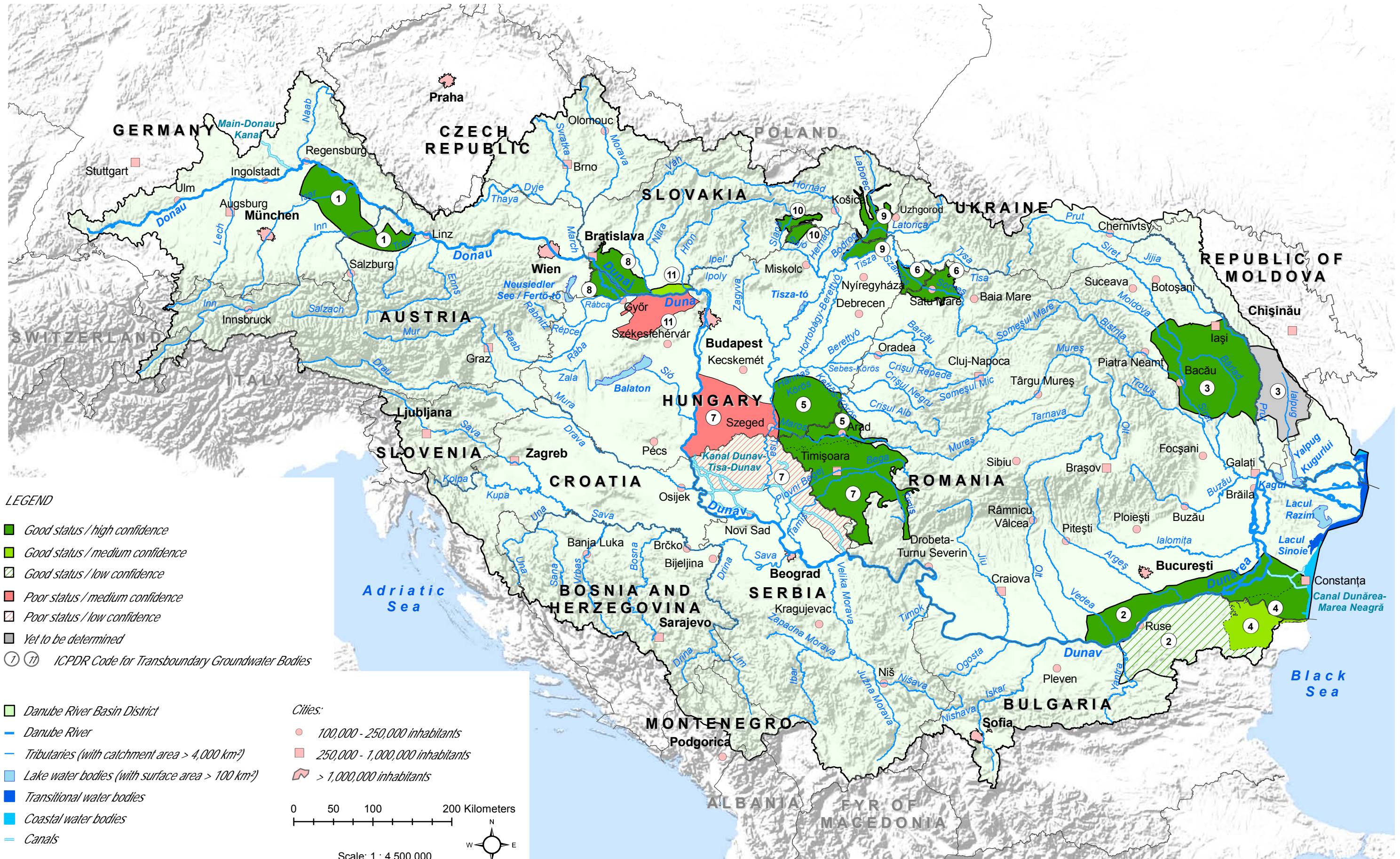


The designation of Heavily Modified Water Bodies of the Danube River is based on an agreed and harmonised designation procedure between the Danube countries (see DRBM Plan Chapter 4.1.4.1).

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LEGEND

- Good status / high confidence
- Good status / medium confidence
- ▨ Good status / low confidence
- Poor status / medium confidence
- ▨ Poor status / low confidence
- Yet to be determined
- ① ⑪ ICPDR Code for Transboundary Groundwater Bodies

- Danube River Basin District
- Danube River
- Tributaries (with catchment area > 4,000 km²)
- Lake water bodies (with surface area > 100 km²)
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- Coastal water bodies
- Canals
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Cities:

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(Scale 1: 6,000,000 in A4 landscape paper format)



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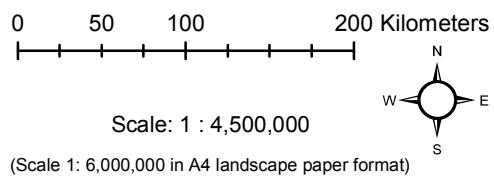
LEGEND

- Exemptions according to WFD Article 4(4)
- No exemptions
- Unknown
- ICPDR Code for Transboundary Groundwater Bodies

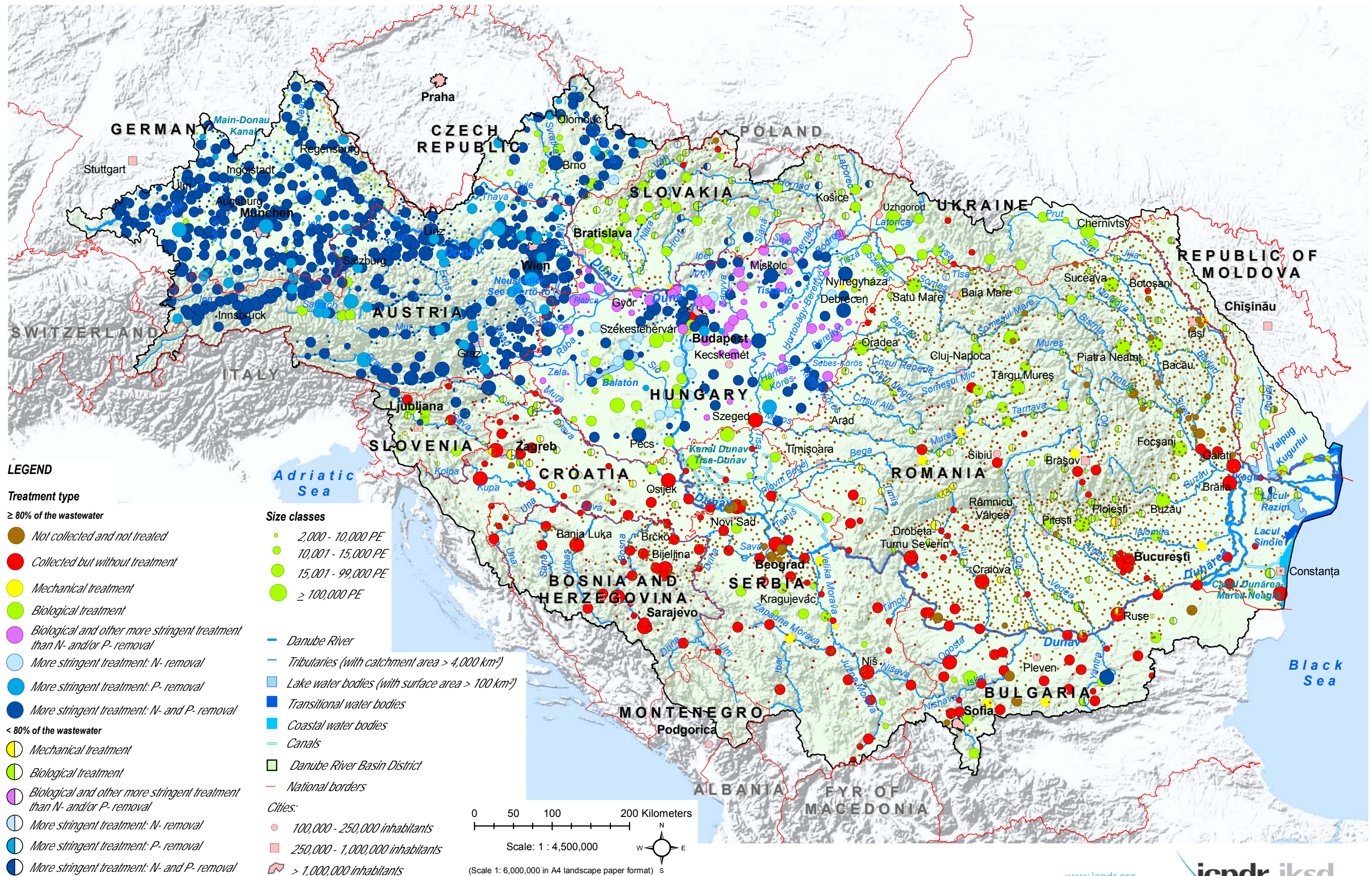
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- Danube River
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Cities:

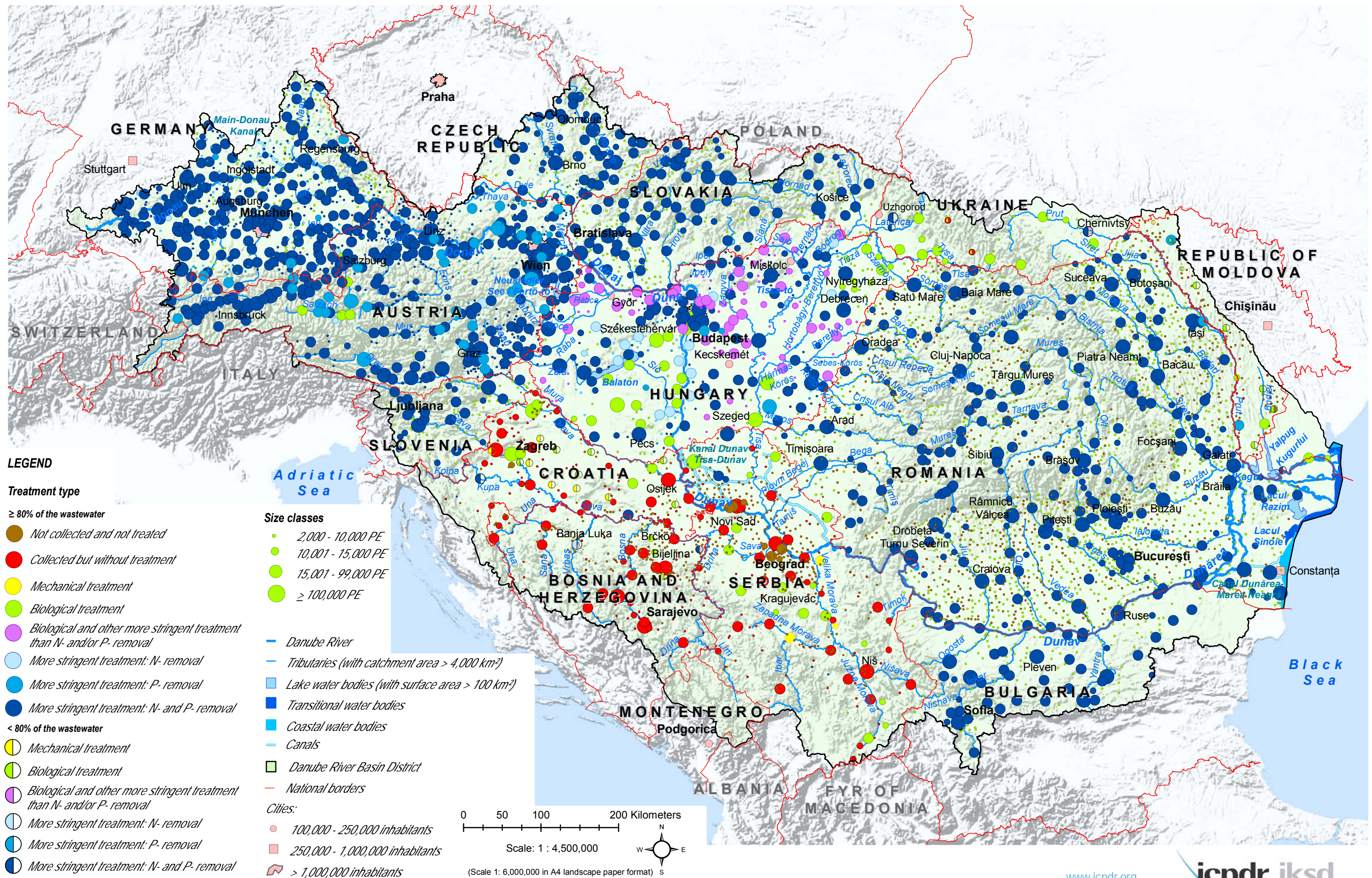
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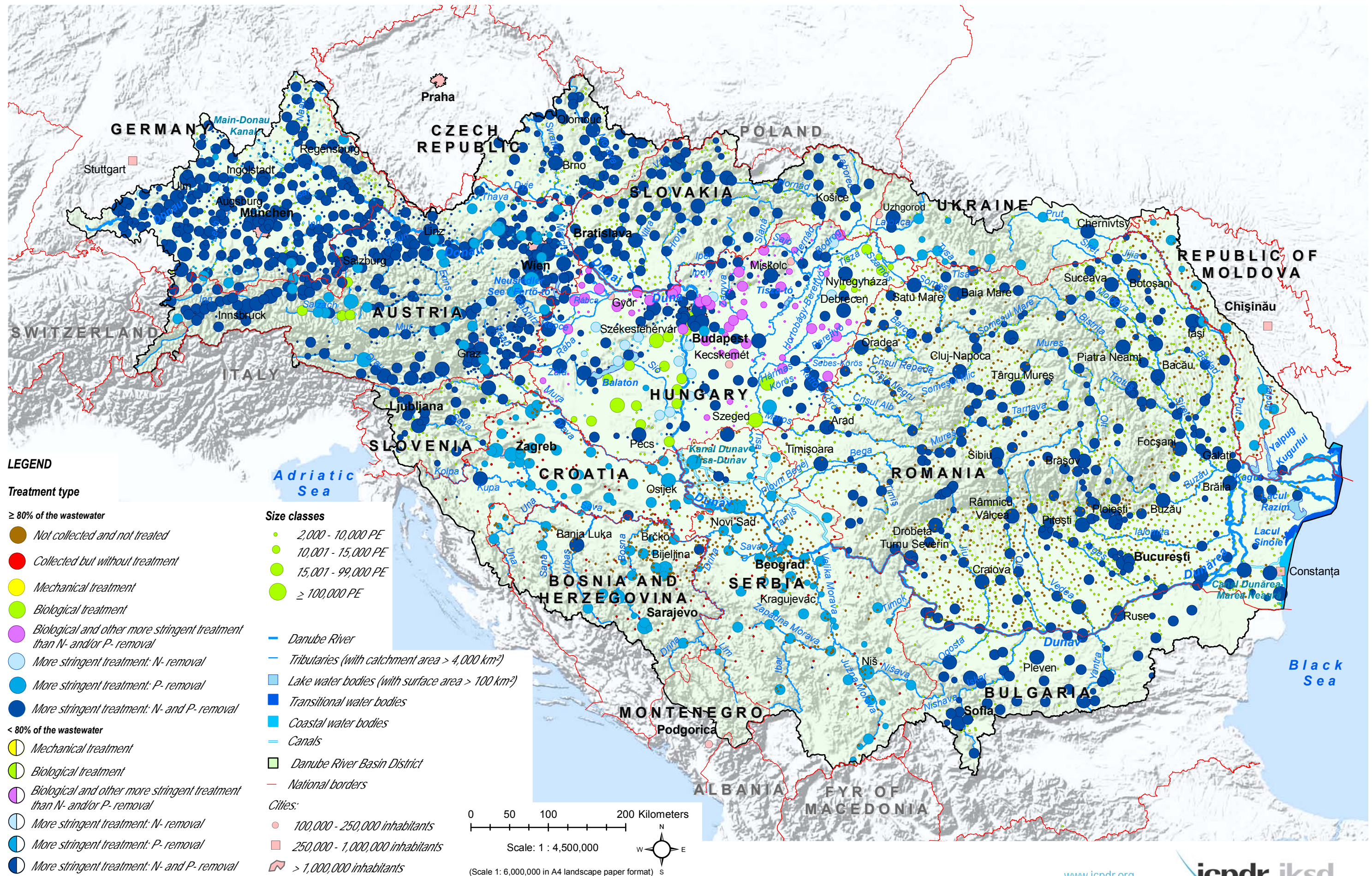
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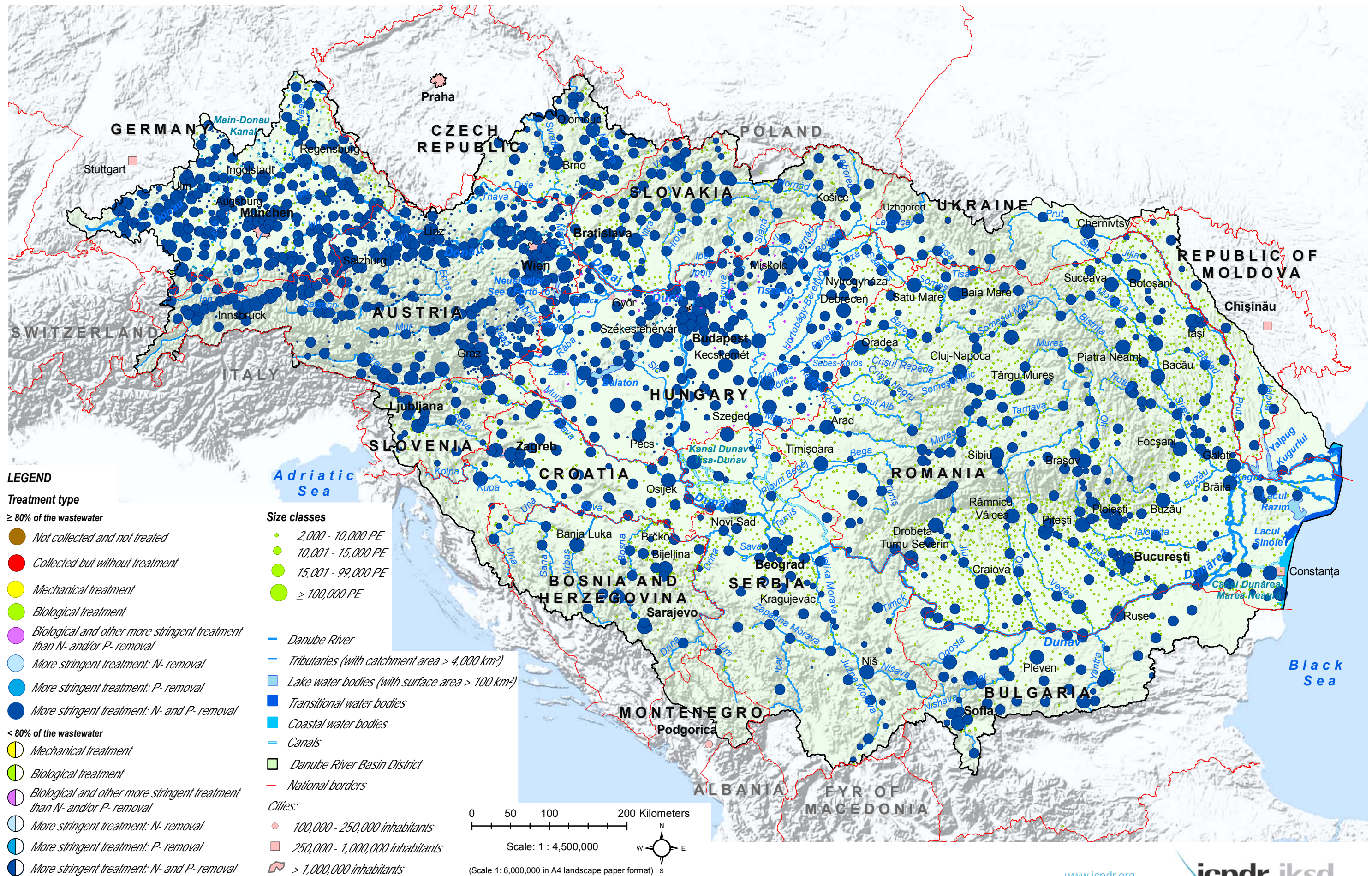
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Significant efforts have been undertaken so far in the DRBD regarding diffuse source pollution and its illustration using the MONERIS Model System (Behrendt et al., 2007). However, further research and monitoring is needed, as well as a continuous improvement and calibration of the MONERIS scenarios.

The MONERIS Model integrates the findings of point source analysis with those related to diffuse sources and reflects the overall nutrient input in the DRB in total and per Danube country.

SI is using a method based on the OECD method: Environmental indicators for agriculture. Methods and Results (2006).

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The map illustrates data provided by the countries under the European Commission's reporting requirements for the EU Nitrates Directive (period 2004 - 2007). In December 2008, RO re-designated the vulnerable zones and informed the European Commission in August 2009. According to the last updates the RO vulnerable zones area has increased from 7 % to 58 %.

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Danube River Basin District: River and Habitat Continuity Interruptions 2015 (Expected Improvements)



* CZ is currently finalising a national prioritisation concept for river continuity restoration. Five continuity interruptions will be made passable for fish by 2015 and will be displayed in the national RBM Plan. In the DRBM Plan those are temporarily indicated and illustrated as "Continuity restored by 2021/2027".
DE is currently elaborating a national prioritisation for river continuity restoration. 90 obstacles will be made for sure passable by 2015 but are not yet localised in this map. They are temporarily visualised as "Continuity restored by 2021/2027".

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The ecological prioritisation approach (Part A) is not meant to substitute similar national approaches but to outline the basin-wide perspective. Low restoration priority indicated on the basin-wide level does not imply that no measures should be undertaken on the national level as all fish species need open river continuity. On the other hand, ecological prioritisation is only one of many aspects in deciding which measures to adopt and implement. Final decisions will be taken at the national level.

This ICPDR product is based on national information provided by the Contracting Parties to the ICPDR (AT, BA, BG, CZ, DE, HR, HU, MD, RO, RS, SI, SK, UA) and CH, except for the following: EuroGlobalMap v2.1 from EuroGeographics was used for national borders of AT, CZ, DE, HR, HU, MD, RO, SI, SK and UA; ESRI data was used for national borders of AL, ME, MK; Shuttle Radar Topography Mission (SRTM) from USGS Seamless Data Distribution System was used as topographic layer; data from the European Commission (Joint Research Center) was used for the outer border of the DRBD of AL, IT, ME and PL.



This map visualises aggregated information regarding the improvement of all three hydrological pressure types of impoundments, water abstractions and hydropeaking. No individual measures are illustrated.

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