



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

0 45 90 180 km

Scale: 1 : 4,500,000

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

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LEGEND

 Alps	 The Carpathians
 Dinaric Western Balkan	 Hungarian Lowlands
 Eastern Balkan	 Pontic Province
 Central Highlands	 Eastern Plains
 No data provided	

Cities:

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

0 50 100 200 km

Scale: 1 : 4,500,000

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

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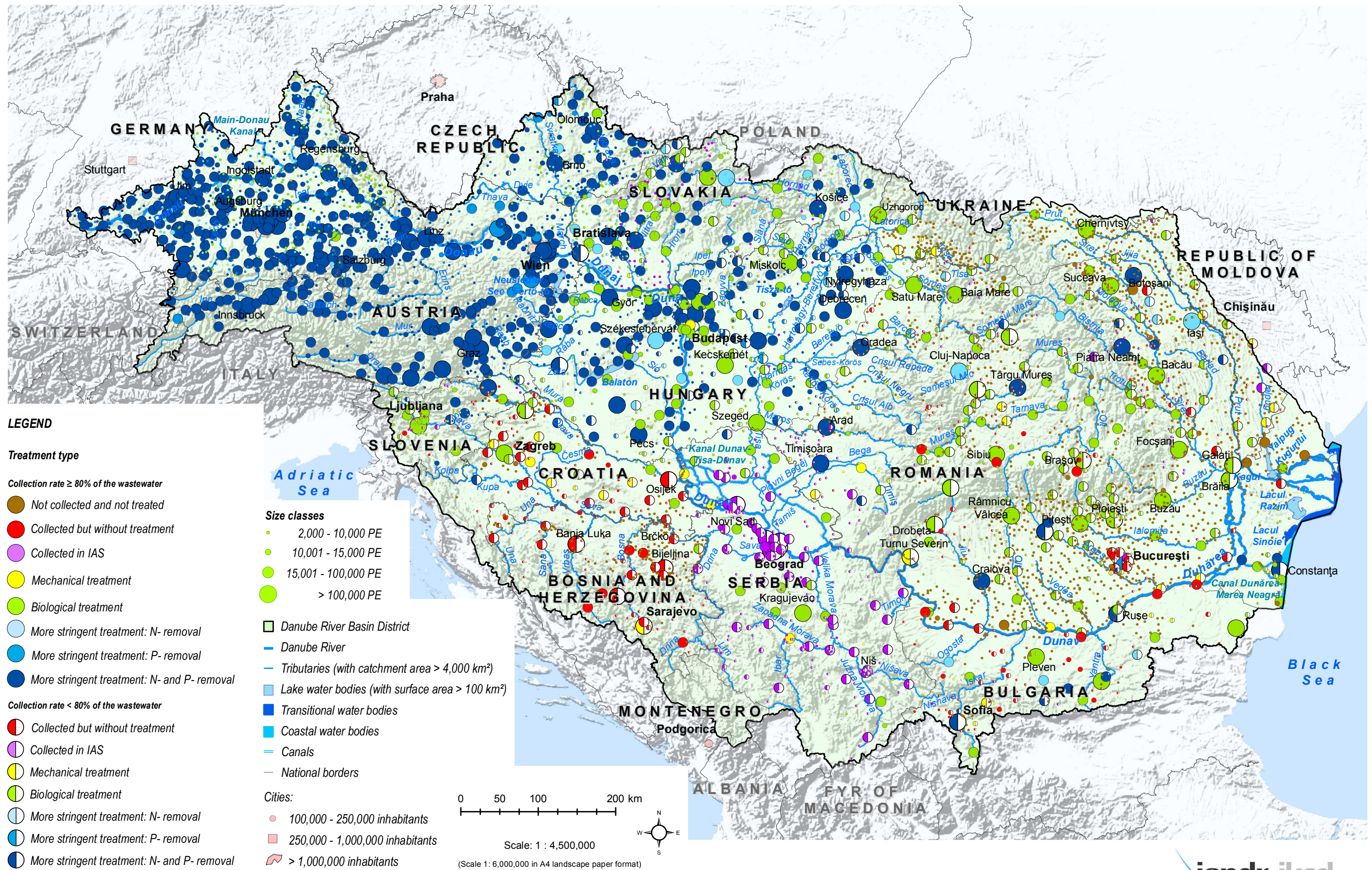


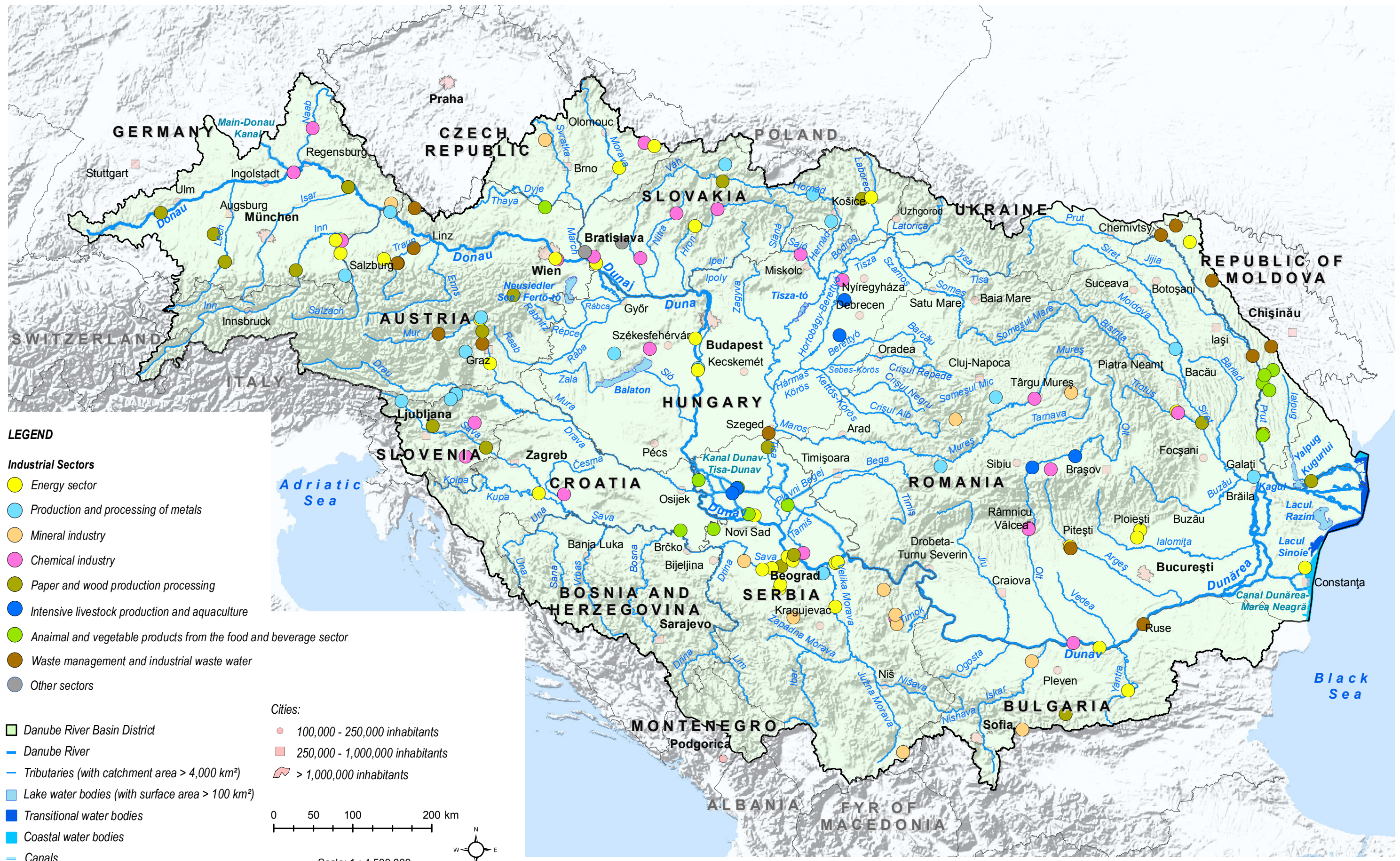
The data for UA is taken from DRBMP 2009.

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This map illustrates nitrogen emissions entering the surface water bodies from catchment areas. The emissions were calculated according to long-term average hydrological conditions over the period of 2009-2012, using the most recent available data within the same period. Calculation was implemented using the MONERIS model (Venohr et al., 2011).

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This map illustrates phosphorus emissions entering the surface water bodies from catchment areas. The emissions were calculated according to long-term average hydrological conditions over the period of 2009-2012, using the most recent available data within the same period. Calculation was implemented using the MONERIS model (Venohr et al., 2011).

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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 - Update 2015.

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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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LEGEND

Wetlands/floodplains (> 500 ha)

- Totally reconnected by 2015
- Partially reconnected by 2015 (totally by 2021)
- Partially reconnected by 2015 (totally after 2021)
- With reconnection potential

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Cities:

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

0 50 100 200 km

Scale: 1 : 4,500,000

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

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

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* Flow below the dam <50% of the mean annual minimum flow in a specific time period (comparable with Q95). Map illustrates the full water bodies which are affected by the water abstractions. The exact location of individual water abstractions is 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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This map illustrates the relative abundance of the Invasive Alien Species sampled on the Joint Danube Survey sites.

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LEGEND

- Water-related Protected Areas >500ha
- EU Bird Directive
- EU Habitat Directive
- Other Protected Areas for Water-Dependent Species and Water-Related Habitats
- Danube River Basin District
- Danube River
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- Canals
- National borders

Cities:

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

0 50 100 200 km

Scale: 1 : 4,500,000

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

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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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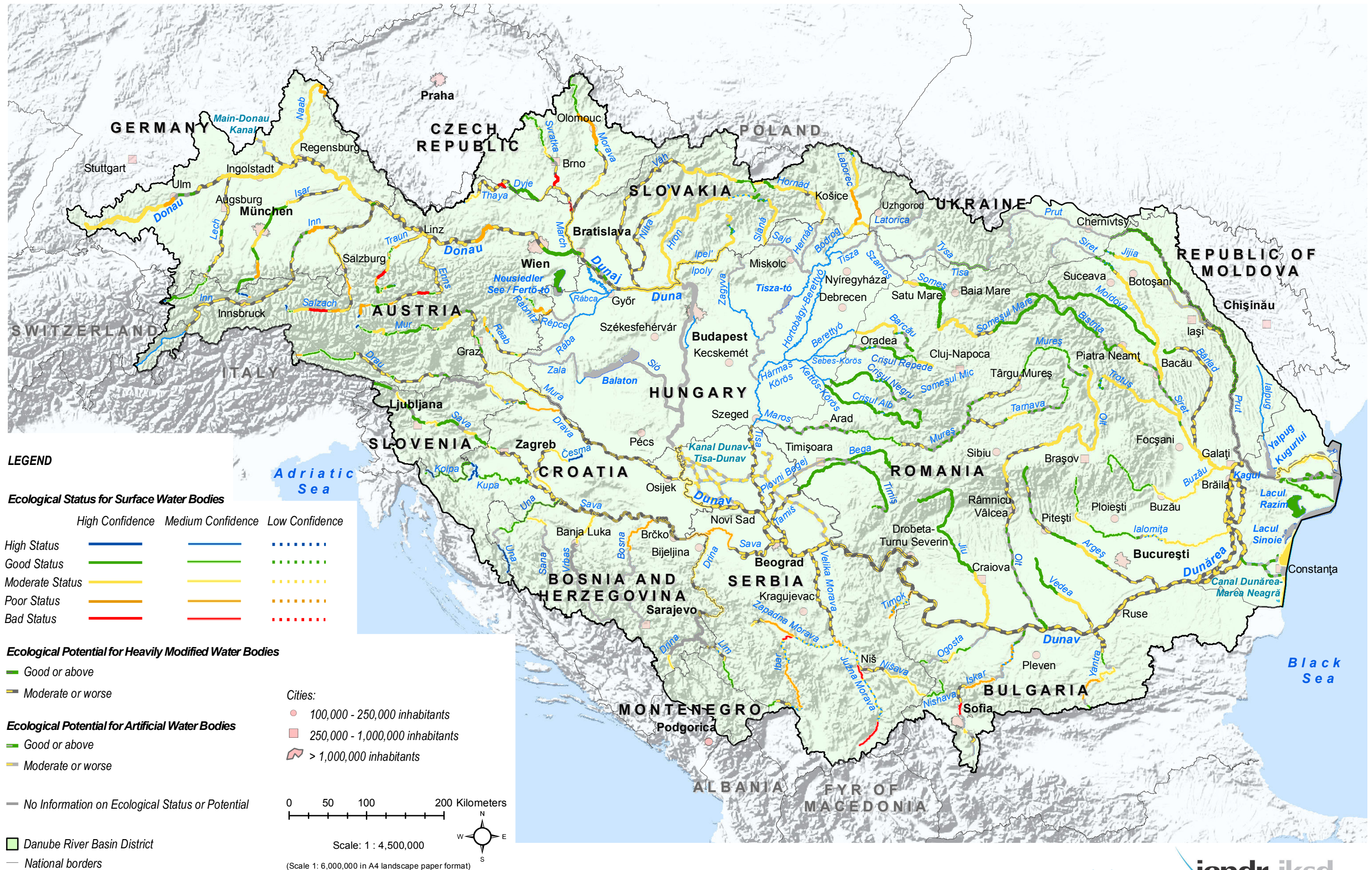


The designation of Heavily Modified Water Bodies of the Danube River is based on an agreed and harmonised designation procedure between the Danube countries (see DRBM Plan - Update 2015, Chapter 4.1.4.1).

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LEGEND

- Good status / high confidence
- Good status / medium confidence
- Good status / low confidence
- Good status / unknown confidence
- Failing good status / high confidence
- Failing good status / medium confidence
- Failing good status / low confidence
- Failing good status / unknown confidence
- Unknown

Cities:

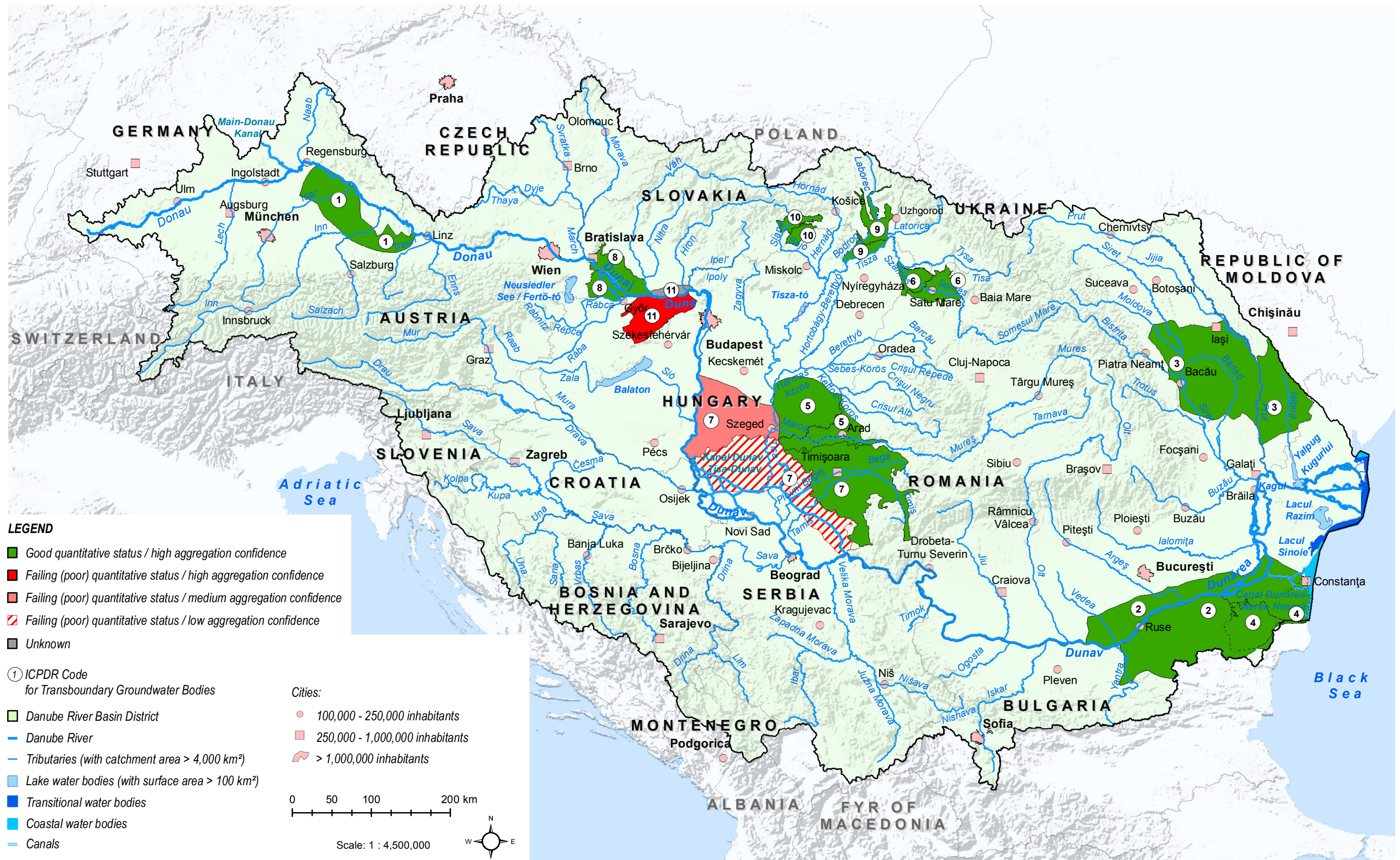
- 100,000 - 250,000 inhabitants
- 250,000 - 1,000,000 inhabitants
- > 1,000,000 inhabitants

0 50 100 200 Kilometers

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

■ Danube River Basin District

— National borders



LEGEND

- Good quantitative status / high aggregation confidence
- Failing (poor) quantitative status / high aggregation confidence
- Failing (poor) quantitative status / medium aggregation confidence
- Failing (poor) quantitative status / low aggregation confidence
- Unknown

① 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)
- 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 km

Scale: 1 : 4,500,000

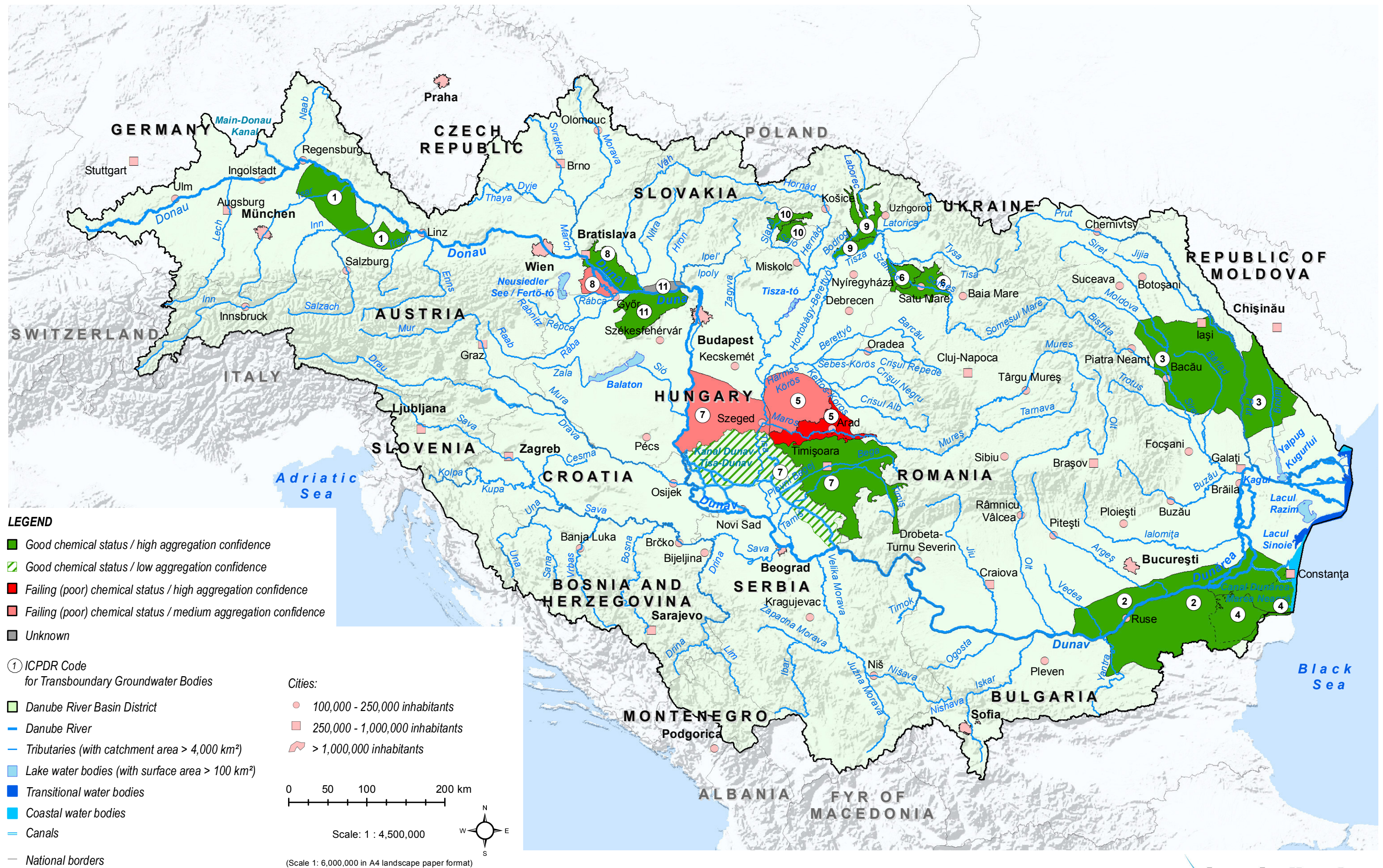
(Scale 1: 6,000,000 in A4 landscape paper format)

The explanation of the aggregation confidence is given in the DRBM Plan - Update 2015

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LEGEND

- No exemptions
- Exemptions according to EU WFD article 4(4)
- Unknown

① ICPDR Code for Transboundary Groundwater Bodies

Cities:

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

- Danube River Basin District
- Danube River
- Tributaries (with catchment area > 4,000 km²)
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- Coastal water bodies
- Canals
- National borders

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- LEGEND**
- Hydropower Plants (HPP)**
- Generation capacity**
- Small (< 1 MW)
 - ▲ Medium (1 MW - 10 MW)
 - Large (>= 10 MW)
 - Only partial data on HPP provided
 - No data on HPP provided
- 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
 - National borders

Cities:

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

0 50 100 200 km

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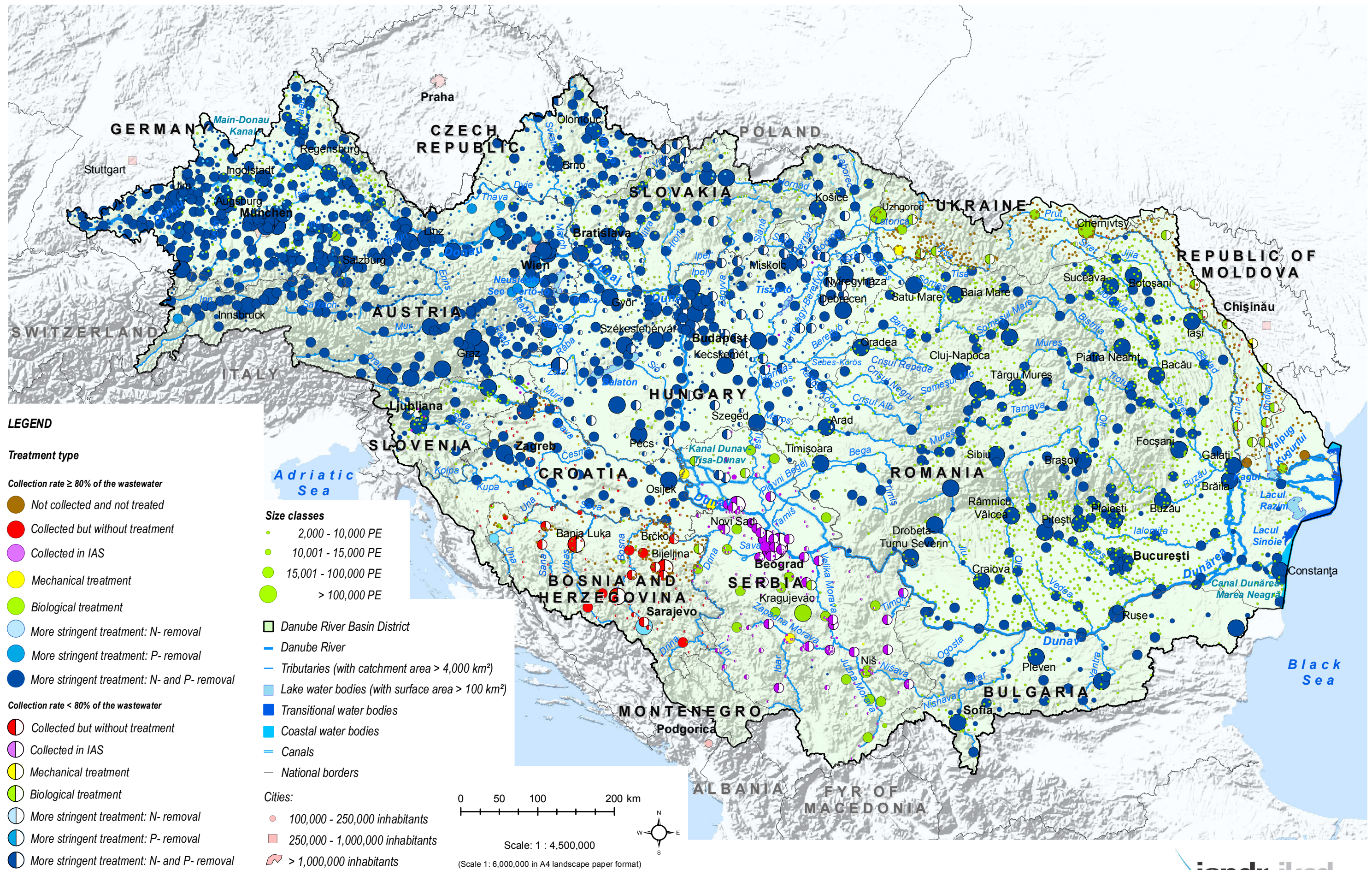
Notes:
 CZ: Incomplete data provided
 RO: HPP >= 1 MW are multipurpose facilities (water supply, mitigation of floods / droughts, ensuring water resources)

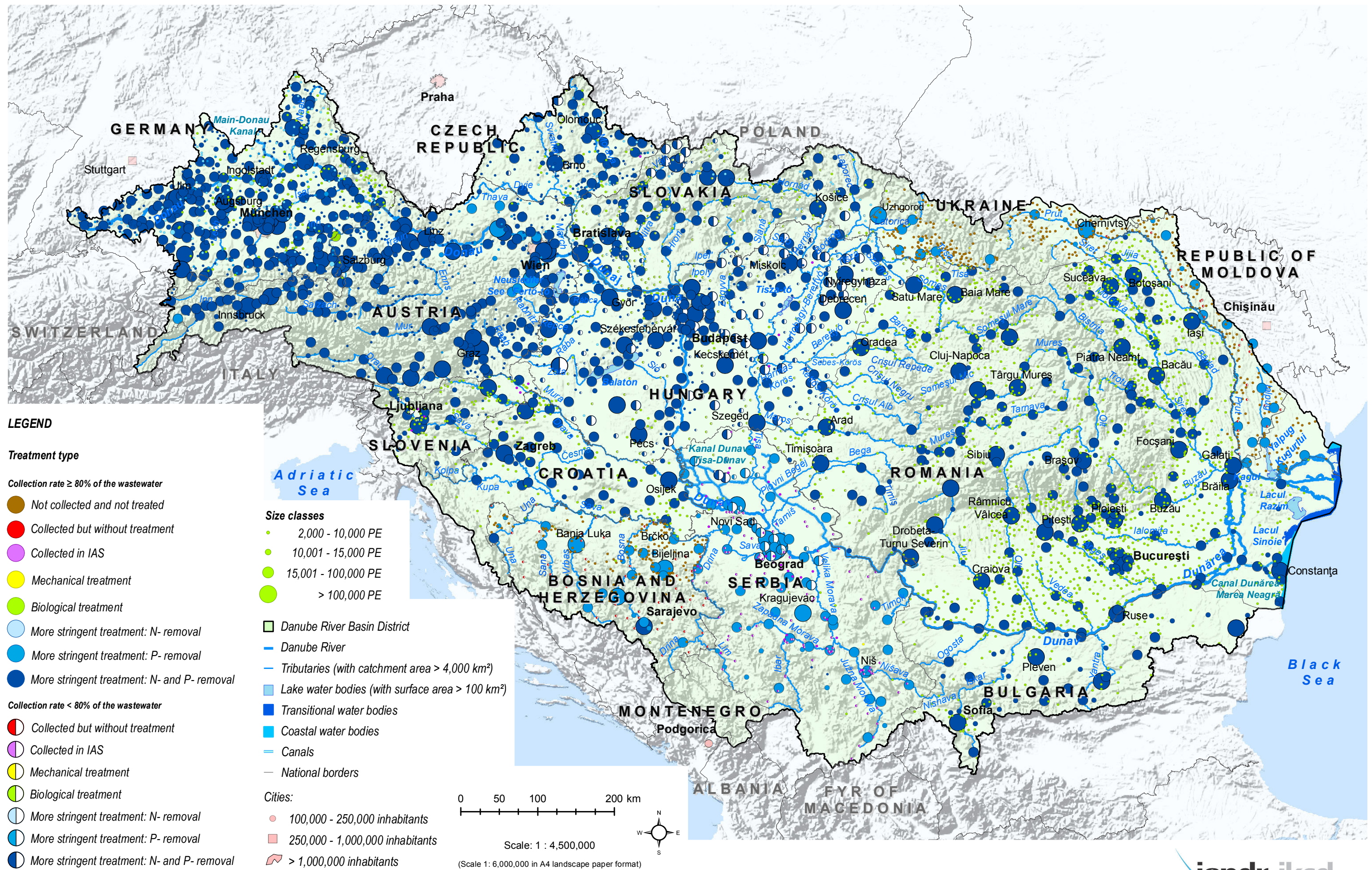
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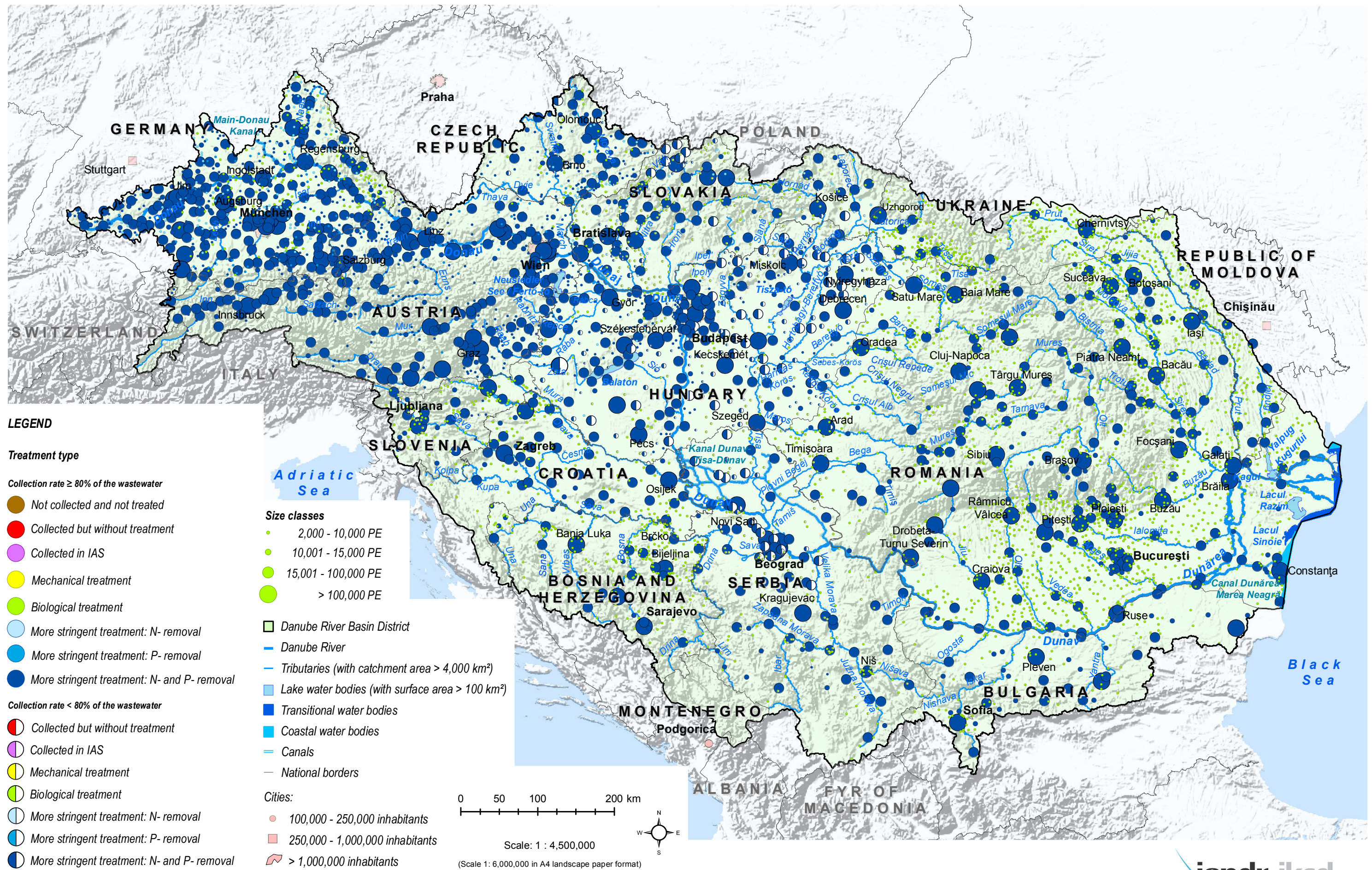
AT data provided by: IWW BOKU Habersack et al. (2012)
 Input data: HAO (2007), Federal states of Austria (2010/2011)
 Hydropower operators (2010-2012)

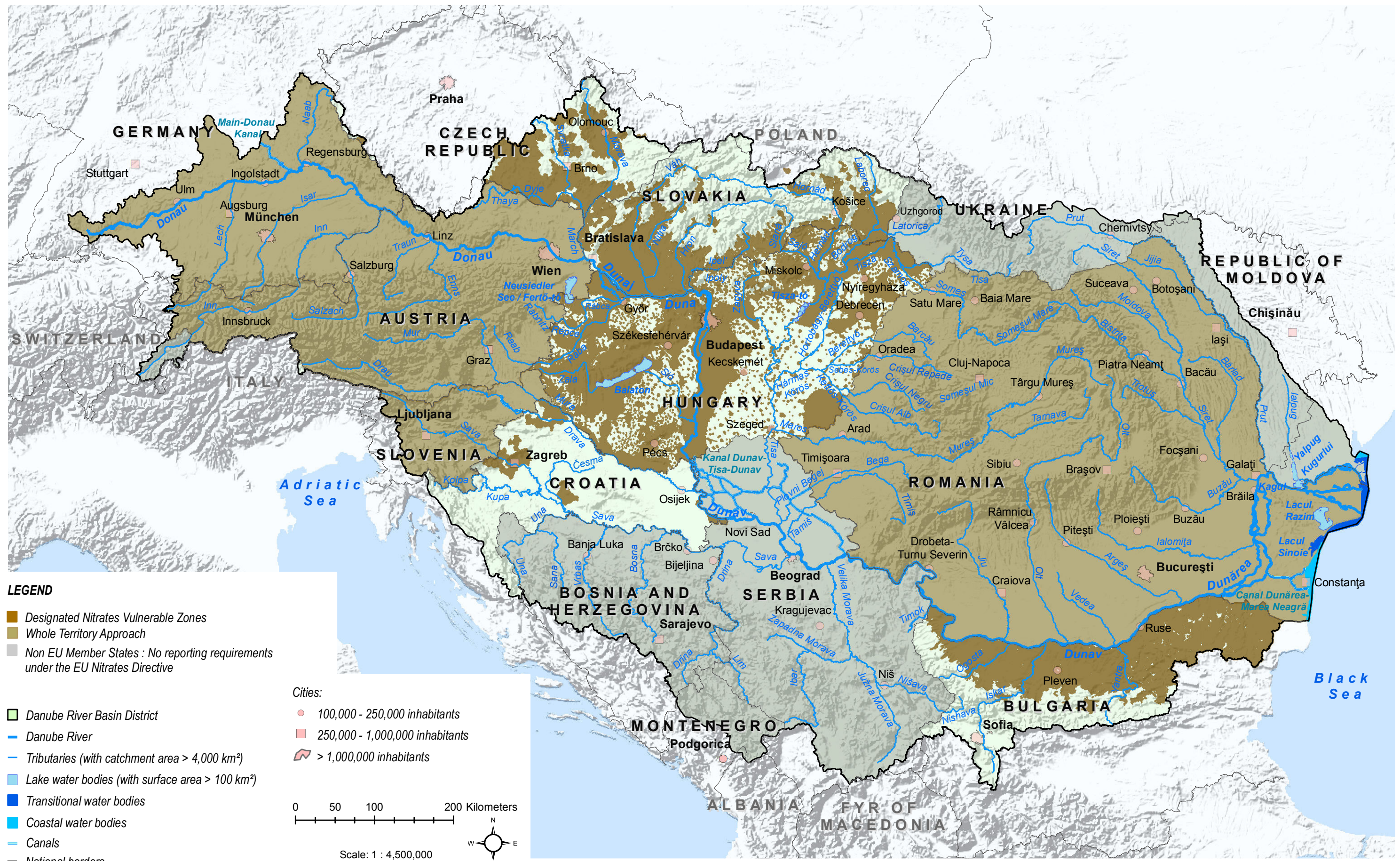
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This map illustrates the NVZ data available as of 2015 - provided by the countries under the European Commission's reporting requirements for the EU Nitrates Directive.

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The ecological prioritisation approach (Part A) is not meant to substitute the 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 the many aspects in deciding which measures to adopt and implement. Final decision will be taken at the national level.

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- LEGEND**
- Morphological alterations
 - Improved by 2021
 - Improved by 2027 (WFD Article (4(4)))
 - Not applicable (waterbody already in GES/GEP)
 - Not improved (WFD Article 4(5))
 - Measure not yet planned/no information

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

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