

Joint Statement on Inland Navigation and Environmental Sustainability in the Danube River Basin

Major IWT Projects in the Danube River Basin

This list summarises ongoing and future navigation projects in the Danube River Basin and is **preliminary**. It focuses on large development projects and should be further developed in the frame of the process on the Joint Statement on Inland Navigation and Environmental Sustainability in the DRB.

The list is based on the Danube Basin Analysis 2004 (WFD Roof Report), ANNEX 6: *Future Infrastructure Projects affecting Hydromorphological Conditions in the Danube River Basin*.

PROJECT NAME / LOCATION	COUNTRY	PROJECT TYPE	PROJECT STATUS	SHORT DESCRIPTION / COMMENTS
1. Danube: Straubing-Vilshofen	Germany	Navigation - TENs	Plan – project assessment for regional planning completed in 2006 (1 dam); design-and-built project under preparation (open for public debate in 2008).	Part of Corridor VII of the TENs list (Eliminating Bottlenecks on the Rhine-Main-Danube-Waterway) of priority projects. The project assessment includes three alternative solutions: 1) fluvial methods only (i.e. groynes, dredging), 2) construction of 1 dams/weirs, and 3) construction of 3 dams/weirs to improve navigation in the 70 km long stretch of the Danube.!
2.1. Danube: Wachau	Austria	Navigation	Completed study on improvement of navigability; measures to improve sidearm ecology underway	20 km long section (3 shallows) to be better maintained for navigation.
2.2. Danube: Vienna - Bratislava	Austria	Navigation – TENs, River-bed-stabilisation and ecological improvement	Plan completed on the base of interdisciplinary expert agreement, pilot works and river bank restoration underway – environmental assessment to be submitted in late 2007.	Part of Corridor VII of the TENs list (Eliminating bottlenecks on the Rhine-Main-Danube-Waterway) of priority projects. The project involves a variety of infrastructural and ecological measures to improve navigation, the stability of the river bed as well as the ecological conditions along the 50 km stretch of the Danube.

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3. Danube-Odra-Elbe Canal	Czech Republic, Slovakia, Austria, Poland, Germany	Navigation	Preliminary study for urbanistic reserve. Discussion on canal plan within Czech government	Preliminary study on connecting the Danube, Odra and Elbe, supported by the water transport development policy, opposed by the environment policy. It has been discussed for a very long time. Implementation is not expected in the near future.
4. Port Devinska Nova Ves	Slovakia	Navigation - Port	Baseline study and plan	Port to be built upstream the mouth of the Morava River (near Bratislava)
5. Danube: Bratislava/Wolfsthal	Slovakia, Austria	Navigation - Dam	Plan	Supported by the water transport development policy in Slovakia.
6. Danube - Gabcikovo/Nagymaros	Slovakia, Hungary	Gabcikova-Cunovo Dam system (Slovakia) for power production and navigation	Built – remedial measures needed; ongoing discussion about alternative scheme of operation	Negotiations are ongoing for the implementation of the decisions of The Hague International Court of Justice.
7. Danube: Palkovicovo - Mohacs	Hungary	Navigation - TENs	Plan	Applied for support for eligible studies on transport, hydraulically and regulatory aspects aiming at the improvement of the navigability of the Danube (eliminating bottlenecks on the Slovak-Hungarian and Hungarian stretches of the Danube).
8. Danube: Serbo-Croatian section	Serbia, Croatia	Navigation	??	Improvement of the maintenance and navigability of the Danube (eliminating bottlenecks).
9. Master Plan and Feasibility Study for IWT in Serbia	Serbia	Master Plan and Feasibility Study for the Danube, Sava and Tisza	The Master Plan is ready.	The Mater Plan foresees the improvement of IWT in Serbia related to the Danube River, Sava and Tisza.

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10. Multipurpose hydrotechnical system/Drava River	Croatia, Hungary	Power generation, irrigation, flood protection, navigation	Croatian State Physical Planning Programme (1999); design developed	--
11.1. Rehabilitation and development of navigation on the Sava River	Slovenia, Croatia, Bosnia and Herzegovina, Serbia	Navigation	Pre-feasibility study completed; Transport Needs Assessment and Legal and Administrative Framework Studies ongoing (USAID); Feasibility Study to be launched in 2007	Project is aimed to restore navigation on the Sava River and upgrade the waterway infrastructure; Coordination and management – by the Sava Commission
11.2. Sava	Slovenia	Navigation	Strategy is ready.	Potential location of harbour mentioned in the Spatial Development Strategy of Slovenia, possibly in the area of Brežice.
11.3. Multipurpose hydro-technical system/Sava river	Croatia	Power generation, navigation, water supply, irrigation, flood protection	State Physical Planning Programme (1999); design developed	Cooperation with Bosnia and Herzegovina, downstream of the Una river mouth
12. Danube-Sava navigable canal	Croatia	Multipurpose hydrotechnical system (navigation, irrigation, drainage)	Design developed, environmental assessment 2007; spatial plan published in May 2007, preliminary works to start in 2007	Consultation with NGOs and forestry society under way
13. Danube between Bulgaria and Romania	Bulgaria, Romania	Navigation - TENS	Feasibility study 2007-2008 (works planned at 152 M€ for 2009-2012)	Negotiations foreseen between the Romanian and Bulgarian Environment and Transport Authorities in order to mitigate the adverse impact on the water status. ISPA assistance for Romania (2.7 M €) was contracted in May 2007 to produce a feasibility study including EIA for the section Iron Gate II (rkm 863) to Calarasi/Silistra (rkm 375);

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14.1. Danube: Calarasi - Braila	Romania	Navigation	??	EU Technical Assistance (ISPA) for the improvement of navigation conditions (rkm 345 – 196): Feasibility study finalised, EIA disputed by NGOs
14.2. Maritime Danube and Sulina channel	Romania	Navigation	??	Improvement of navigation conditions; bank protection on Sulina channel 2006-2009
15. Danube Port of Moldova	Moldova	Navigation	Port opened in 2007	Oil terminal at Giurgiulesti for the supply of the country, located upstream the Danube delta
16.1. Romanian Danube Delta	Romania	Navigation	Works 2006-2009	Bank protection on Sulina Channel (64 M€), topographic and hydro-graphic survey and signaling system on the Danube (5 M€)
16.2. Ukrainian Danube Delta Canal	Ukraine	Navigation	Under construction	Works interrupted in 2005 after Romanian and international protests; works resumed in early 2007