

# DANUBE RIVER BASIN MANAGEMENT PLAN

UPDATE 2021

ANNEX 7

List of Future Infrastructure Projects

**ICPDR** **IKSD**

International Commission  
for the Protection  
of the Danube River  
Internationale Kommission  
zum Schutz der Donau  
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As in previous cycles, a list of future infrastructure projects (FIPs) of basin-wide importance has been compiled for the DRBMP Update 2021. The following criteria were applied for the data collection.

**Criteria for the collection of future infrastructure projects for the Danube River and other DRBD rivers with catchment areas >4,000 km<sup>2</sup>**

	<b>Danube River</b>	<b>Other DRBD rivers with catchment areas &gt;4,000 km<sup>2</sup></b>
<b>Criteria</b>	Strategic Environmental Assessment (SEA) and/or Environmental Impact Assessments (EIA) are performed for the project	Strategic Environmental Assessment (SEA) and/or Environmental Impact Assessments (EIA) are performed for the project
	<b><u>or</u></b>	<b><u>and</u></b>
	project is expected to provoke transboundary effects	project is expected to provoke transboundary effects

These FIPs, if implemented without full consideration to effects on water status, are likely to provoke impacts on water status due to hydromorphological alterations. Consequently, these projects need to be addressed by integrating mitigation measures in order to reduce/cancel the potential impacts on water status.

**Explanation of abbreviations for the tables**

EIA = Environmental Impact Assessment

SEA = Strategic Environmental Assessment

WFD = Water Framework Directive

Country	River or Coastal Waterbody	Water body	Project title	Main purpose	Description	Project status	Start implementation	Expected deterioration of water body status	Trans-boundary impact	SEA	EIA	Exemption WFD Art. 4(7)
BG	Dunav	BG1DU000R001	Fast Danube Sector 7 Belene	Navigation	Improvement of the navigation conditions on the RO-BG Danube Sector - Location 1 km north of Belene; between km 577 and km 560	Implementation of project	2021	Yes	Yes	No	Intended	Yes*
BG	Dunav	BG1DU000R001	Fast Danube Sector 8 Vardim	Navigation	Improvement of the navigation conditions on the RO-BG Danube Sector - Location 5 km northeast of Vardim; between km 542 and km 539	Implementation of project	2021	Yes	Yes	No	Intended	Yes*
BG	Dunav	BG1DU000R001	Fast Danube Sector 9 Yantra	Navigation	Improvement of the navigation conditions on the RO-BG Danube Sector - Location: 3 km north of Krivina; between km 537 and km 534	Implementation of project	2021	Yes	Yes	No	Intended	Yes*
BG	Dunav	BG1DU000R001	Fast Danube Sector 10 Batin	Navigation	Improvement of the navigation conditions on the RO-BG Danube Sector - Location: 2 km north of Batin; between km 530 and km 520	Implementation of project	2021	Yes	Yes	No	Intended	Yes*
BG	Dunav	BG1DU000R001	Fast Danube Sector 11 Konsui	Navigation	Improvement of the navigation conditions on the RO-BG Danube Sector - Location 6 km east of Oltenita; between km 428 and km 423	Implementation of project	2021	Yes	Yes	No	Intended	Yes*

Country	River or Coastal Waterbody	Water body	Project title	Main purpose	Description	Project status	Start implementation	Expected deterioration of water body status	Trans-boundary impact	SEA	EIA	Exemption WFD Art. 4(7)
BG	Dunav	BG1DU000R001	Fast Danube Sector 12 Popina	Navigation	Improvement of the navigation conditions on the RO-BG Danube Sector - Location: 1 km north of Popina; between km 408 and km 401	Implementation of project	2021	Yes	Yes	No	Intended	Yes*
DE	Donau	DERW_DEBY_1_F361	Ausbau der Wasserstraße und Verbesserung des Hochwasserschutzes zwischen Straubing und Vilshofen, Teilabschnitt 1: Straubing bis Deggendorf	Navigation <sup>1</sup>	Improvement of flood protection (technical measures for 100-year flood events), Improvement of navigation conditions (River engineering works - stream regulation)	Implementation of project	2020	No	No	No	Already done	No
DE	Donau	DERW_DEBY_1_F477	Ausbau der Wasserstraße und Verbesserung des Hochwasserschutzes zwischen Straubing und Vilshofen, Teilabschnitt 2: Deggendorf bis Vilshofen	Navigation <sup>1</sup>	Improvement of flood protection (technical measures for 100-year flood events), Improvement of navigation conditions (River engineering works - stream regulation)	Planning under preparation	Not yet determined	No	Yes	No	Already done	No
HR	Kupa	HRCSRN0004_001, HRCSRN0004_002, HRCSRN0004_003, HRCSRN0004_004, HRCSRN0004_005, HRCSRN0004_006, HRCSRN0004_007, HRCSRN0004_008	Projekt "Sustav zaštite od poplava karlovačko-sisačkog područja"	Flood protection	Projekt "Sustav zaštite od poplava karlovačko-sisačkog područja"	Officially planned	2020	No	No	Already done	Already done	No

<sup>1</sup> 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.

Country	River or Coastal Waterbody	Water body	Project title	Main purpose	Description	Project status	Start implementation	Expected deterioration of water body status	Trans-boundary impact	SEA	EIA	Exemption WFD Art. 4(7)
HR	Sava	HRCSRI0001_001, HRCSRI0001_002, HRCSRI0001_003, HRCSRI0001_004, HRCSRI0001_005, HRCSRI0001_006, HRCSRI0001_007, HRCSRI0001_008, HRCSRI0001_009	Modernizacija lijevoobalnih savskih nasipa	Flood protection	Modernizacija lijevoobalnih savskih nasipa	Implementation of project	2017	No	No	Already done	No	No
HR	Drava	HRCDDRI0002_021	Rekonstrukcija nasipa Otok Virje Brezje	Flood protection	Rekonstrukcija nasipa Otok Virje Brezje - Projekt FRISCO 2.3 - Prekogranično usklađeno smanjenje rizika od poplava 2.3 – strukturne mjere na slivovima rijeka Drave i Kolpe/Kupe.	Implementation of project	2019	No	No	Already done	Already done	No
HU	Mosoni-Duna	HUAEP810	Water-level rehabilitation of the Mosoni-Danube confluence	Flood protection	Restoring low and mean water levels in the estuary section of Mosoni-Danube	Implementation of project	2016	No	Yes	No	Already done	No
HU	Duna	HUAEP443	Nagyműtárgyak fejlesztése és rekonstrukciója (Dunakiliti)	Flood protection	Reconstruction of Dunakiliti dam to allow the reduction of flood risk.	Implementation of project	2016	No	Yes	No	No	No
HU	Duna	HUAEP446	Esztergom árvízvédelmének fejlesztése I. ütem	Flood protection	Flood risk reduction of the city Esztergom by the development of former dykes.	Implementation of project	2016	No	No	No	Already done	No
HU	Duna	HUAEP443, HUAEP446, HUAOC752, HUAOC753, HUAOC754, HUAOC755, HUAOC756	Navigation development on the Danube	Navigation	The navigable days on the HU Danube stretch is now under 250. It is not in line with the international expectations (Belgrade and AGN Convention). On 43 sites (92 km)	Planning under preparation	2022	Yes	No	Already done	No	Yes*

Country	River or Coastal Waterbody	Water body	Project title	Main purpose	Description	Project status	Start implementation	Expected deterioration of water body status	Trans-boundary impact	SEA	EIA	Exemption WFD Art. 4(7)
					modifications are foreseen.							
RO	CWB: Cap Singol-Eforie Nord	ROCT02_B1	Reducerea Eroziunii costiere Faza II, finantat prin Programul Operational Infrastructura Mare (2014-2020)	Others	Protectia coastei litoralului Marii Negre pe teritoriul Romaniei de efectele eroziunii costiere prin dezvoltarea unui program de lucrari specifice care au in vedere reabilitarea si protejarea liniei tarmului,	Implementation of project	2014	Yes	No	Already done	Already done	Yes*
RO	CWB: Eforie Nord-Vama Veche	ROCT02_B2	Reducerea Eroziunii costiere Faza II, finantat prin Programul Operational Infrastructura Mare (2014-2020)	Others	Protectia coastei litoralului Marii Negre pe teritoriul Romaniei de efectele eroziunii costiere prin dezvoltarea unui program de lucrari specifice care au in vedere reabilitarea si protejarea liniei tarmului,	Implementation of project	2014	Yes	No	Already done	Already done	Yes*
RO	Dunarea	RORW14-1_B3	FAST DANUBE - Garla Mare - sector de navigatie administrat de AFDJ; Mehedinti - UAT Garla Mare	Navigation	1 km sud de Garla Mare, aval Vrav	Implementation of project	2021	Yes	Yes	No	Intended	Yes*
RO	CWB: Eforie Nord-Vama Veche	ROCT02_B2	Reducerea Eroziunii costiere Faza II, finantat prin Programul Operational Infrastructura Mare (2014-2020)	Others	Protectia coastei litoralului Marii Negre pe teritoriul Romaniei de efectele eroziunii costiere prin dezvoltarea unui program de lucrari specifice care au in vedere reabilitarea si protejarea liniei tarmului,	Implementation of project	2014	Yes	No	Already done	Already done	Yes*

Country	River or Coastal Waterbody	Water body	Project title	Main purpose	Description	Project status	Start implementation	Expected deterioration of water body status	Trans-boundary impact	SEA	EIA	Exemption WFD Art. 4(7)
RO	Dunarea	RORW14-1_B3	FAST DANUBE - Salcia - sector de navigatie administrat de AFDJ; Mehedinti - UAT Salcia	Navigation	3 km sud de Salcia, aval Iasen	Implementation of project	2021	Yes	Yes	No	Intended	Yes*
RO	Dunarea	RORW14-1_B3	FAST DANUBE - Bogdan - Secian - sector administrat AFDJ;Dolj - UAT Calafat	Navigation	<1 km sud-vest de Ciuperceii Vechi, 3 km est de Vidbol-Dunavsti	Implementation of project	2021	Yes	Yes	No	Intended	Yes*
RO	Dunarea	RORW14-1_B3	FAST DANUBE - Dobrina - sector de navigatie administrat de AFDJ;Dolj - UAT Desa	Navigation	6 km sud de Desa, 3 km nord de Dobri dol - Silivata - Orsoia	Implementation of project	2021	Yes	Yes	No	Intended	Yes*
RO	Dunarea	RORW14-1_B3	FAST DANUBE - Bechet - sector de navigatie administrat de AFDJ;Dolj - UAT Bechet	Navigation	3 km sud-est de Bechet, aval Oryahovo, 1.5 km nord de Lekovet	Implementation of project	2021	Yes	Yes	No	Intended	Yes*
RO	Dunarea	RORW14-1_B3	FAST DANUBE - Corabia - sector de navigatie administrat de AFDJ;Olt - UAT Corabia	Navigation	la sud de Corabia, <1km nord-vest de Zagrajden	Implementation of project	2021	Yes	Yes	No	Intended	Yes*
RS	Dunav	RSD_05	Rehabilitation and construction of the Bulk and General Cargo Terminal of the Port of Smederevo	Navigation	Rehabilitation and construction of the Bulk and General Cargo Terminal of the Port of Smederevo	Implementation of project	2021	No	No	Already done	Already done	Yes*/**
RS	Sava	RSDR_1_A, RSSA_6, RSSA_7	River tranning and dredging works on the Sava Drina Confluence	Navigation	River tranning and dredging works on the Sava Drina Confluence	Officially planned	2022	No	No	Already done	Intended	Yes*/**
RS	Lim	RSLIM_4_D	Projekat izgradnje HE Brodarevo 1 i HE Brodarevo 2	Hydropower	Hydropower plant 13,5 MW	Officially planned	Not yet determined	Yes	Yes	Already done	Already done	Yes*/**

Country	River or Coastal Waterbody	Water body	Project title	Main purpose	Description	Project status	Start implementation	Expected deterioration of water body status	Trans-boundary impact	SEA	EIA	Exemption WFD Art. 4(7)
RS	Lim	RSLIM_4_C	Projekat izgradnje HE Brodarevo 1 i HE Brodarevo 2	Hydropower	Hydropower plant 22,25 MW	Officially planned	Not yet determined	Yes	Yes	Already done	Already done	Yes*/**

\* 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 if a WB deterioration will take place or not.

\*\* Data reported for RS is not based on an official WFD Article 4(7) application as there is no transposition of WFD exemptions in national water law yet.