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Data Collection, hydraulic and morphological
modelling of the Danube River and the Sava River in
the Republic of Serbia

Lot 1: **Hydraulic and morphological modelling of the
SRB-CRO common stretch of the Danube River**

Stakeholders' Forum Meeting Number 11

20/11/2024, Virtual

Romeo Soare, Hidrozavod DTD



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Basic Project Data

- Contract: Data Collection, hydraulic and morphological modelling of the Danube River and the Sava River in the Republic of Serbia - Lot 1: **Hydraulic and morphological modelling of the SRB-CRO common stretch of the Danube River**
- Contracting Authority: Ministry of Construction, Transport and Infrastructure
- Contractor: Hidrozavod DTD AD Novi Sad, Republic of Serbia
- Contract signature date: 11 June 2024
- Commencement date: 14 June 2024
- Duration: 12 months (provisionally adjusted to 6 months)
- Contract is part of activities within the EU CEF funded project “Preparing FAIRway 2 works in the Rhine-Danube Corridor”



Activities Breakdown – part 2

Provisional Adjusted Timetable		2024																												2025								
		June		July					August					September					October					November					December					Jan	Feb	Mar	Apr	May
		M1		M2					M3					M4					M5					M6					M7					M8	M9	M10	M11	M12
		W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13	W14	W15	W16	W17	W18	W19	W20	W21	W22	W23	W24	W25	W26	W27	W28									
		W25	W26	W27	W28	W29	W30	W31	W32	W33	W34	W35	W36	W37	W38	W39	W40	W41	W42	W43	W44	W45	W46	W47	W48	W49	W50	W51	W52									
No.	Activity/Task/Output/Report																																					
Activity 3	Definition of criteria for the multi-criteria analysis																																					
Task 03-01	Definition of MCA																																					
Task 03-02	Elaboration of Technical report on the definition of the MCA																																					
Meeting	Stakeholders' Forum meeting																																					
Output 03-01	Technical report on the definition of the MCA elaborated																																					
Activity 4	2D hydrodynamic and morphological modelling																																					
Task 04-01	Data Collection																																					
Task 04-02	Model Setup																																					
Task 04-03	Model Calibration																																					
Task 04-04	Model Verification																																					
Task 04-05	Definition of Variants for each Bottleneck																																					
Task 04-06	Preparation of Model for Considered Variants																																					
Task 04-07	Analysis of Results																																					
Task 04-08	Application of MCA																																					
Task 04-09	Elaboration of Technical Report on 2D Modeling and Application of MCA																																					
Meeting	Stakeholders' Forum meeting																																					
Output 04-01	2D Model Calibrated and Running																																					
Output 04-02	Bottlenecks Variants Defined																																					
Output 04-03	Technical Report on 2D Modeling and Application of MCA																																					
Activity 5	Elaboration of an integrated study on alternative solutions																																					
Task 05-01	Elaboration of an Integrated study on alternative solutions																																					
Meeting	Stakeholders' Forum meeting																																					
Output 05-01	Integrated study on alternative solutions elaborated																																					

Summary of Outputs (Thematic Milestones)

No.	Output	Provisional adjusted delivery time
01	1D model calibrated and running	M05
02	Updated ENRs for selected gauging stations	M05
03	Updated bottleneck Catalogue	M05
04	Approved list of prioritized bottlenecks to be modeled	M05
05	Selected and agreed criteria for the multi-criteria analysis	M05
06	2D models developed	M06
07	Integrated study on alternative solutions developed	M06



Next steps

- Agreed criteria for the **multi-criteria analysis**
- Definition of **alternative options** for prioritized bottlenecks
- Development of **2D models** for the prioritized bottlenecks
- **Application of agreed multi-criteria analysis** to alternative options for prioritized sectors
- Preparation of the **2D modelling report**
- Compiling results of all outputs into the **Integrated study on alternative solutions**

Q&A



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Thank you for your kind attention

20/11/2024, Virtual

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