

# Hydraulic and morphological modelling of the common SRB-CRO stretch of the Danube River

overview of main activities & timeline of procurement



Republic of Serbia  
Ministry of Construction, Transport and Infrastructure  
Directorate for Inland Waterways

4th Stakeholder's Forum Meeting (online)  
Tue, **04. April 2023** (09:30-12:00 CEST)

# Basic document

- First version of “General concept for hydraulic and morphological modelling of the common Serbian-Croatian stretch of the Danube River” presented on 2<sup>nd</sup> SHFM on 09/06/2021
- Final version published on 16/11/2021 (Available on SHFM’s web portal)

# Components of the process

- 1D hydraulic model for the entire Serbian and Croatian common Danube stretch
- Redefinition and prioritization of navigational bottlenecks
- Definition of parameters for the multi-criteria analysis
- Definition of alternative solutions for prioritized sectors and hydrodynamic and morphological modelling
- Development of the integrated study on alternative solutions and definition of next steps for future investments.

# Procurement status

- Co-financing by EIB is eligible, but administrative procedures are time-consuming
- Changes in the Serbian government's personnel
- “Non-objection” statements on all major steps
- The invitation to submit bids to shortlisted bidders is still pending.
- The procurement process is expected to continue in the coming weeks.
- Modelling contract until the end of August (12 months duration)

# Expectations

- Despite the delays, the planned modelling activities can still be carried out (proposed extension until September 30, 2024)
- Data from monitoring activities is processed by modeling activities (not vice versa) – first inputs are expected in mid-2023
- 1D hydraulic model (3-4 months)
- Redefinition and prioritization (1-2 months)
- Definition of parameters for MCA (1-2 months)
- Alternative solutions and 2D modelling (3-4 months)
- Integrated study and definition of next steps (last 6 months)
- First inputs from SHF not before November 2023




# River training and dredging works on the Danube in Serbia (2017-2022)



- Similar procedure of planned activities, including modeling, was used.
- Stakeholder's Forum – link: <http://www.plovput.gov.rs/forum-zainteresovanih-strana>
- Experiences and lessons learned



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# Thank you for your kind attention

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