DANUBE COMMISSION

Expert Meeting on Hydrotechnical Issues
March 5, 2026, Budapest

The Directorate for Inland Waterways, Republic of Serbia

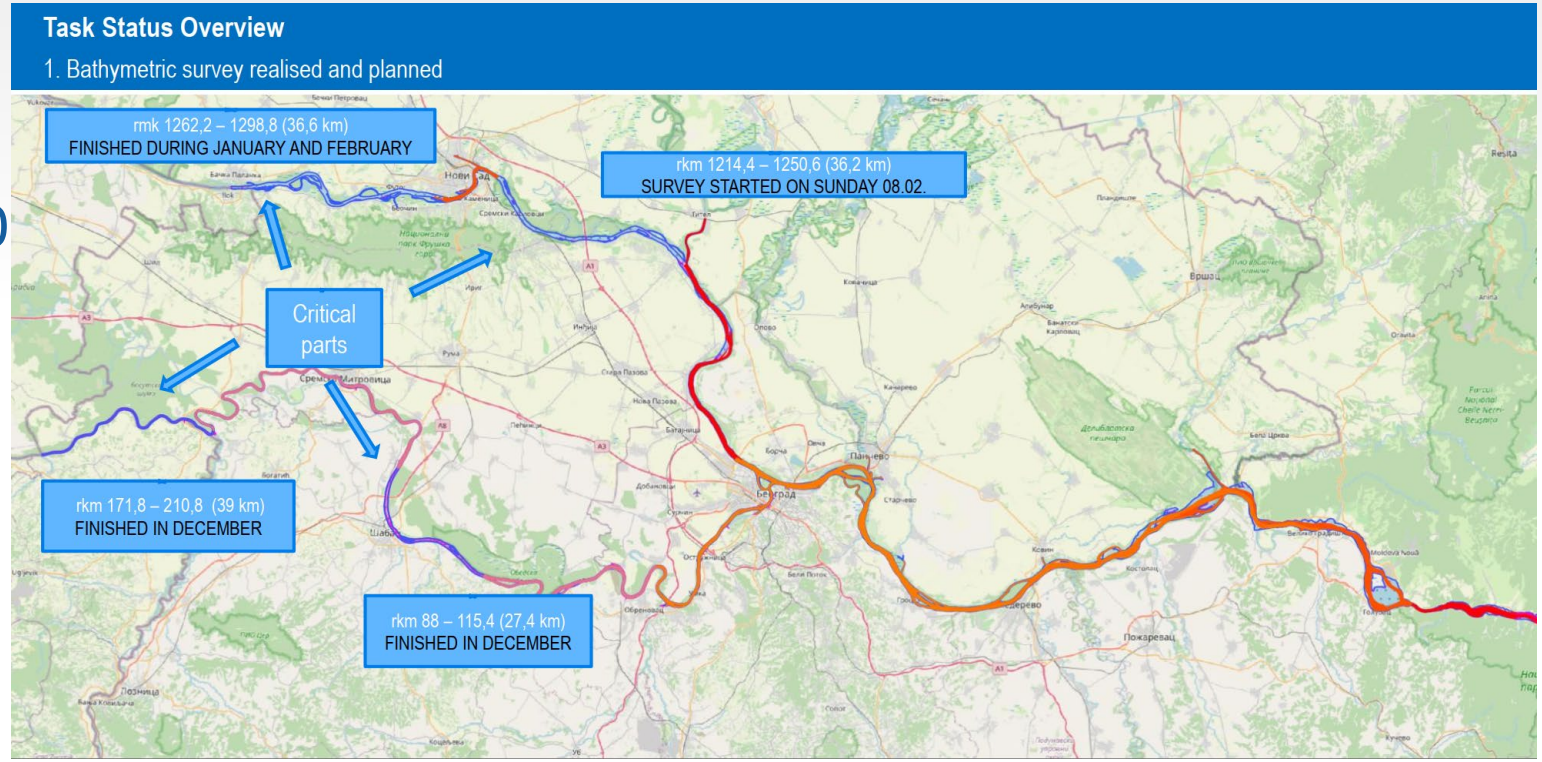
- Activities planned in Serbia-

Predrag Zivadinovic, MSc Civil Eng.

Hydrological conditions – No. days below LNWL

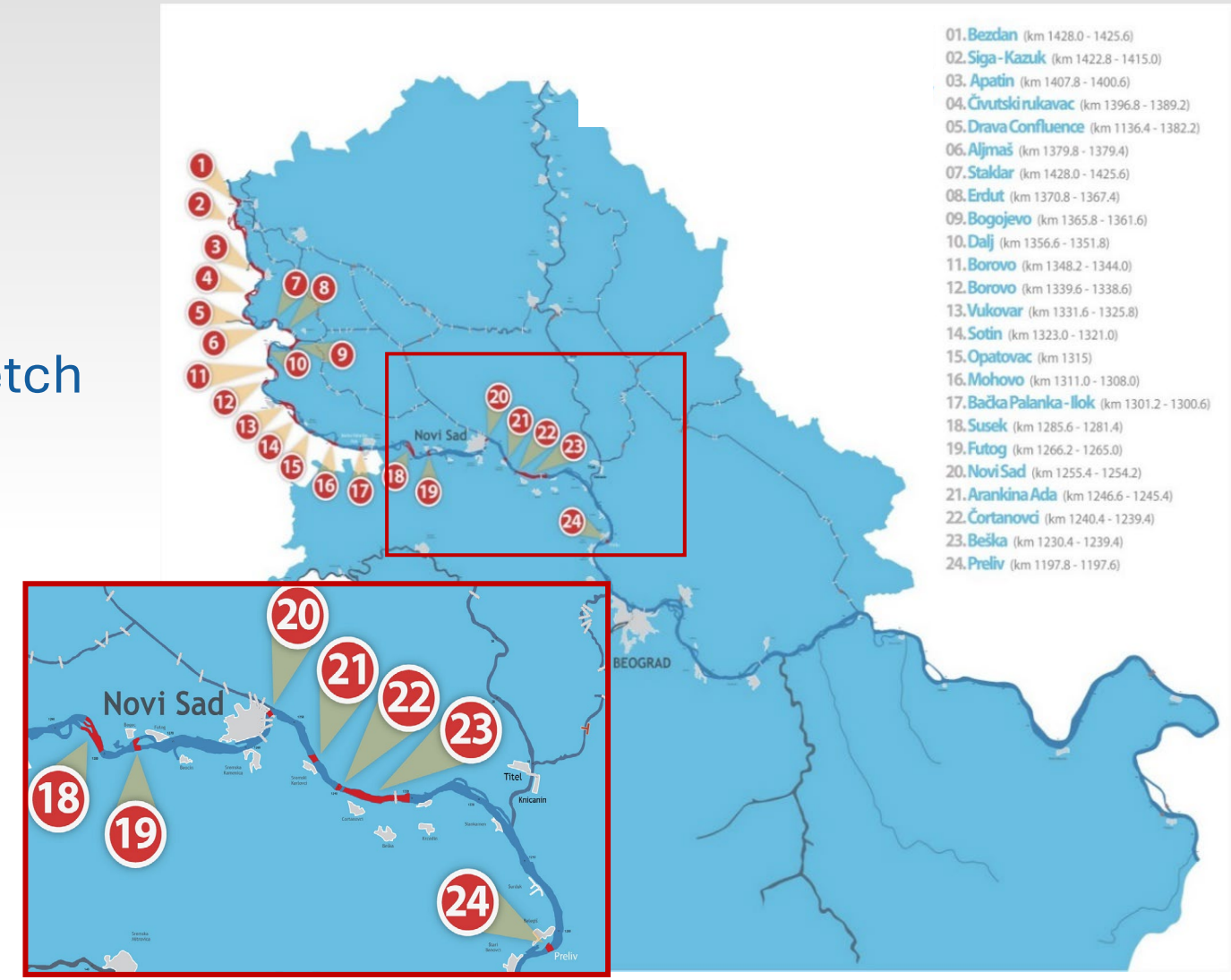
Hydrographic surveys (2025)

- PLOVPUT:
  - km 1433+000 – km 1297+000
  - 680 cross-sections
- LOT2:
  - km 1176+000 – km 845+500
  - 907 cross-sections



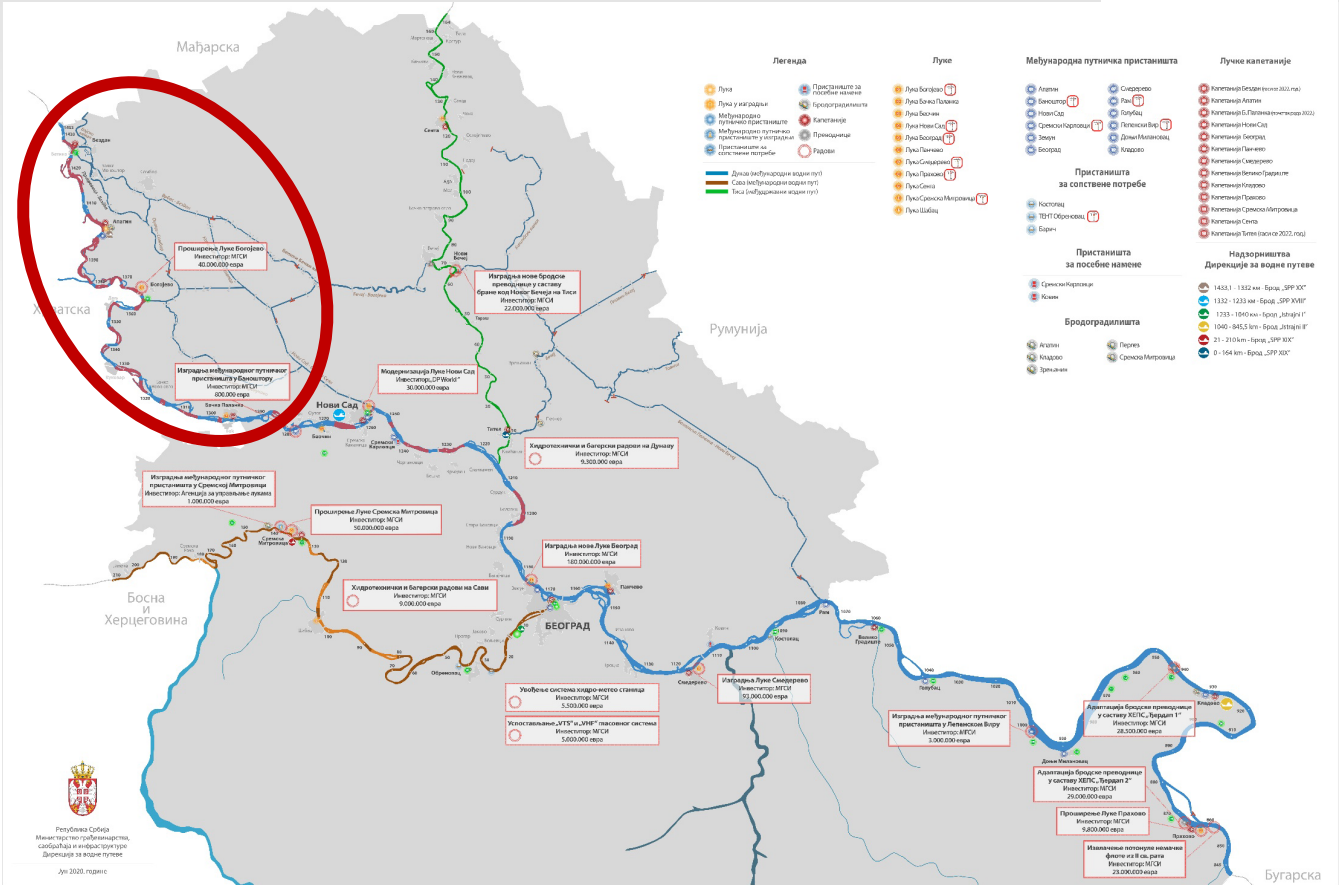
Critical sectors (CS) for navigation on the Danube

- 24 CS on the Danube
  - 17 SRB-CRO common stretch
  - 7 exclusively SRB



Activities on the common SRB-CRO sector

- Preparing FAIRway 2 works (2020 – 2025)
  - Joint project of Austria, Croatia and Serbia
  - Co-financed by EU
  - Prepare variants for future infrastructure related measures on the SRB - CRO common Danube section



STAKEHOLDERS' FORUM

Co-financed by the European Union
Connecting Europe Facility

European Investment Bank

Plovput

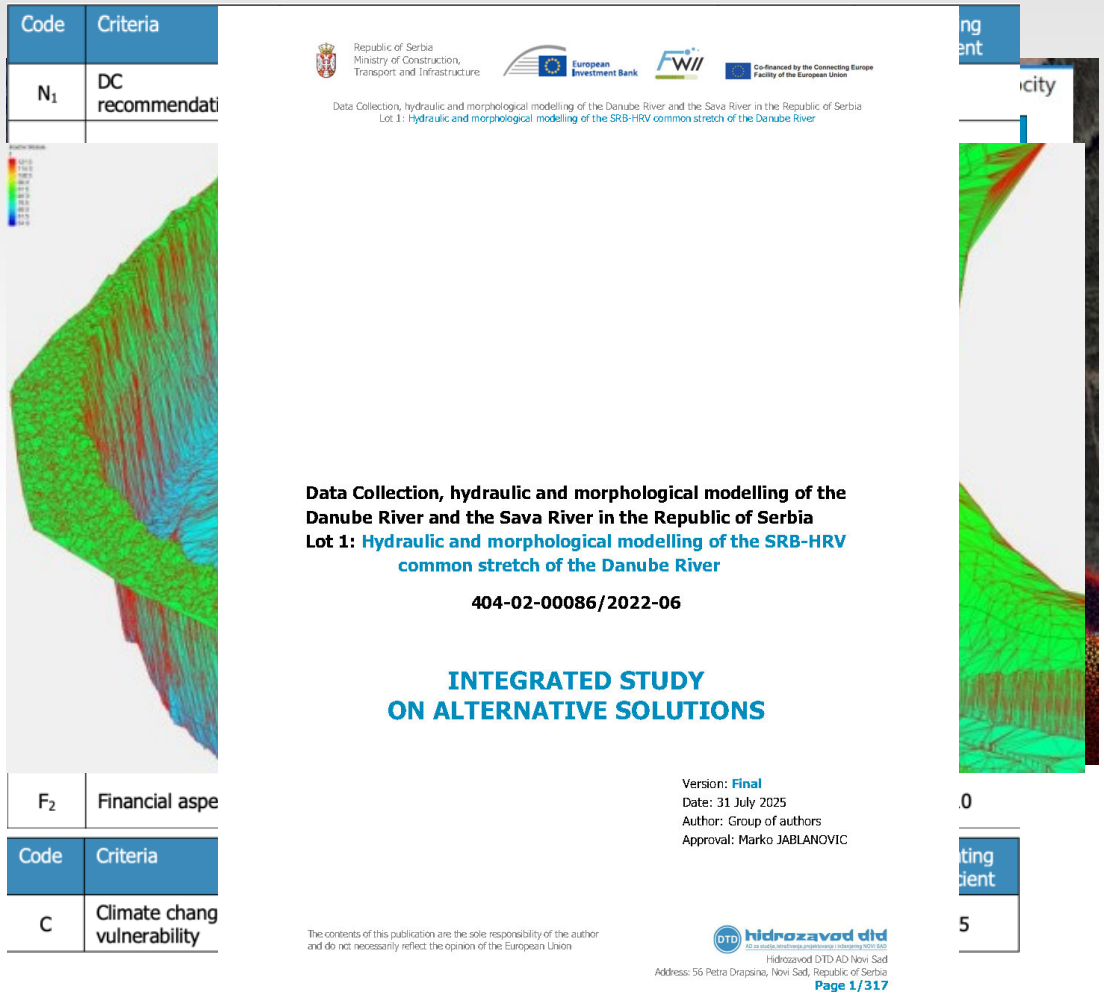
Activities planned in Serbia (PLOVPUT)
Danube Commission, Budapest, 05.03.2026.

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

Activities on the common SRB-CRO sector

LOT1: Data Collection, hydraulic and morphological modelling of the Danube River and the Sava River in the Republic of Serbia

- Outputs:
  - 1D hydraulic model for the entire Serbian and Croatian common Danube stretch + ENR 2023
  - 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 2D modelling
  - Development of the integrated study on alternative solutions and definition of next steps for future investments.



Activities on the SRB sector

- 7 CS
  18. Susek
  19. Futog
  20. Novi Sad
  21. Arankina Ada
  22. Čortanovci
  23. Beška
  24. Preliv

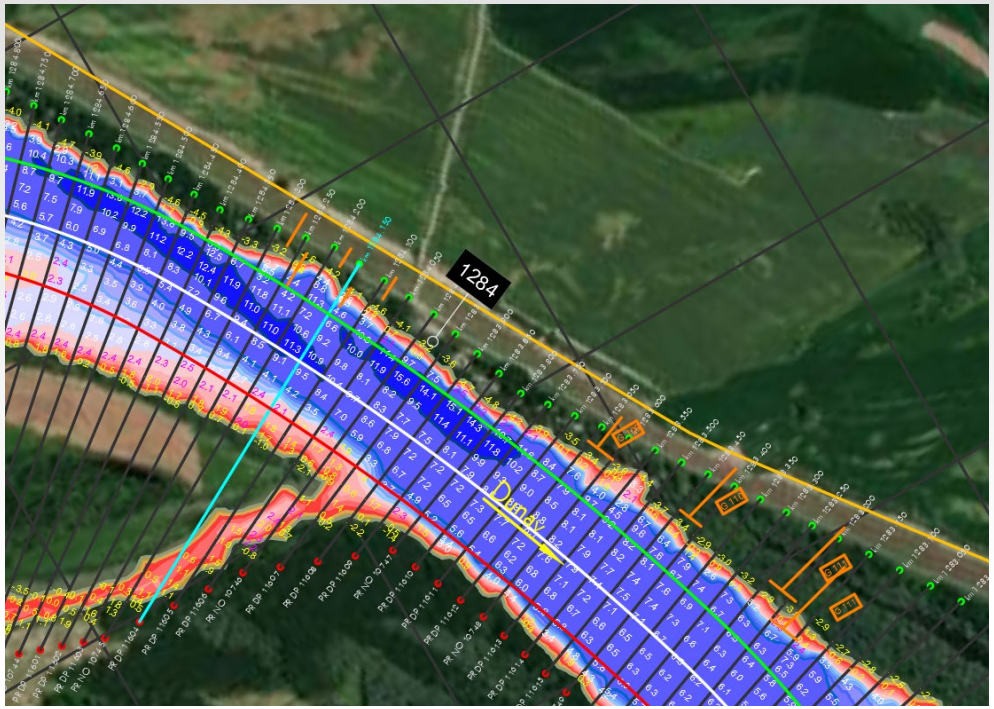
CS Susek (km 1287+000 – km 1281+000)

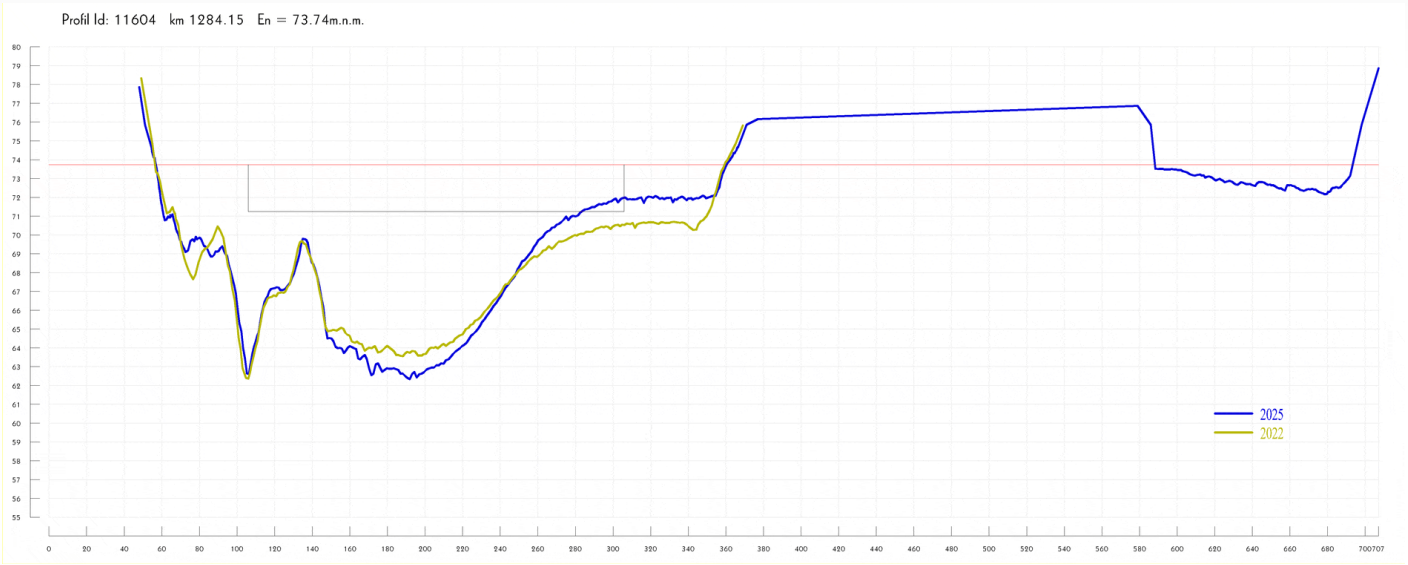
Gauging Station Bačka Palanka

„0“=73.97mnm, ENR=47cm, HNL=578cm

Critical CS: km 1284+150

- available width: 175m (200m)





- Required water level for fairway dimensions 2,5/200 on GS Backa Palanka: H_{req}=121cm
- 2025: Number of days on GS Backa Palanka with water level H < H_{req}: 234

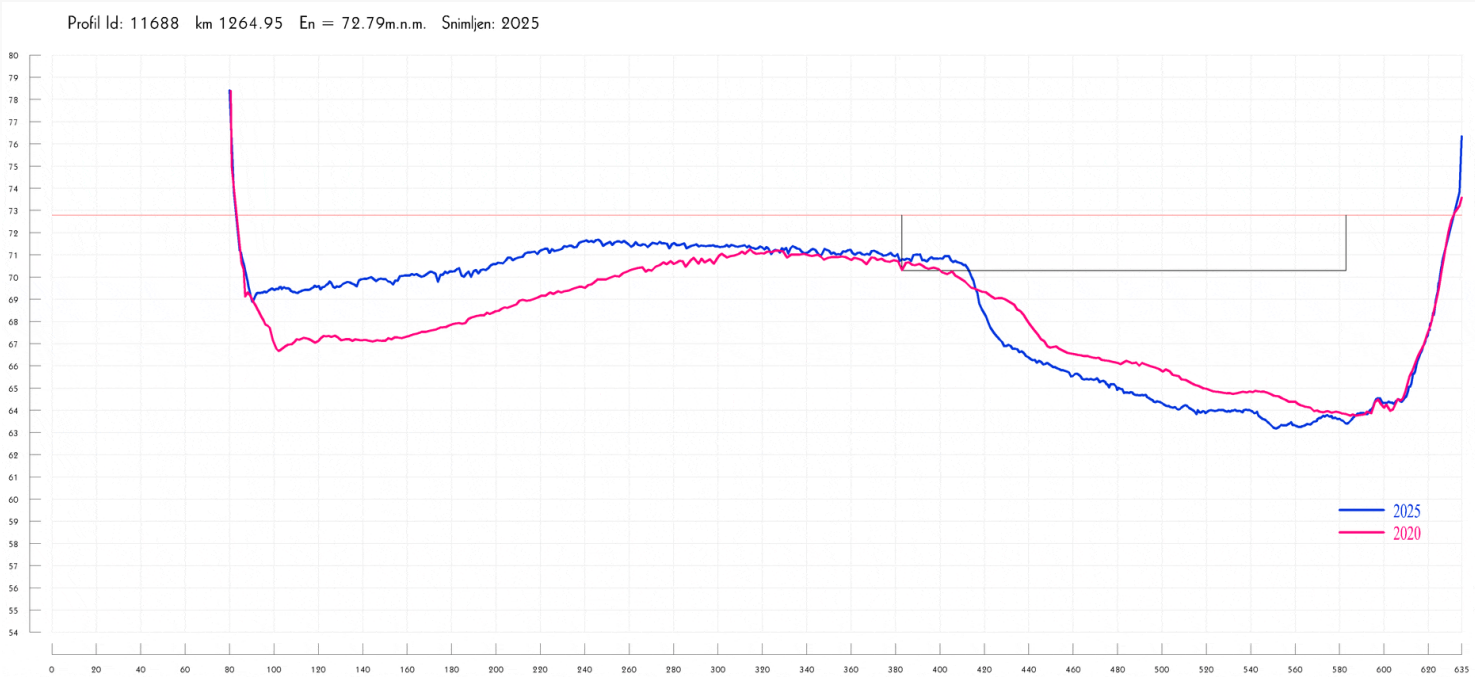
CS Futog (km 1267+400 – km 1261+600)

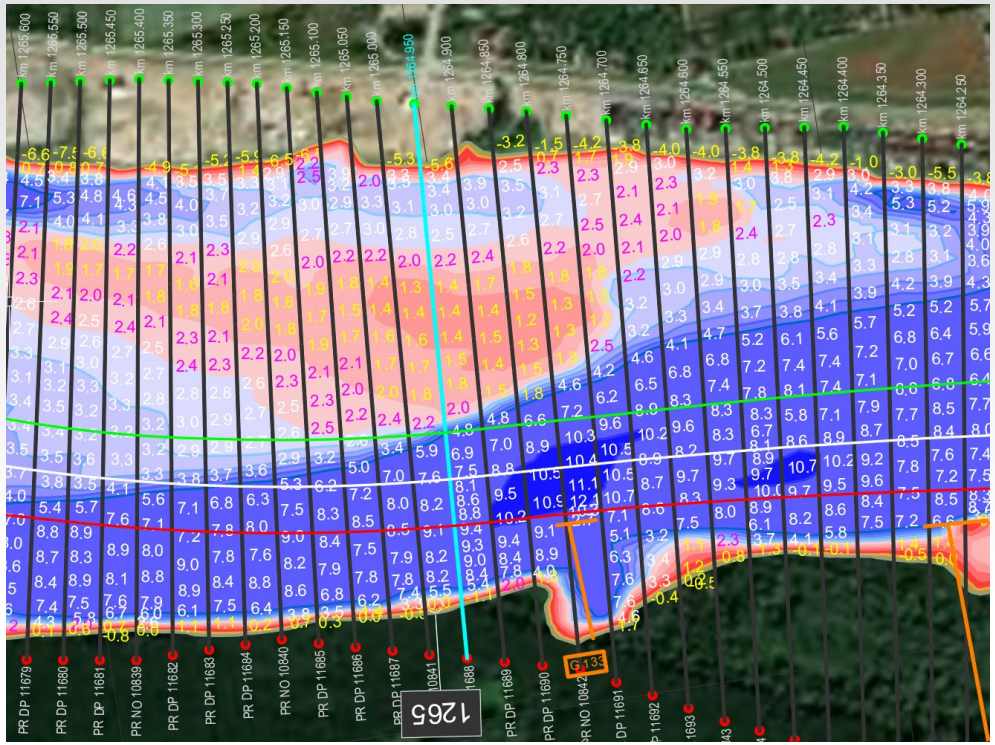
Gauging Station Novi Sad

„0“=71.73mnm, ENR=57cm, HNL=573cm

Critical CS: km 1264+950

- available width: 150m





- Required water level for fairway dimensions 2,5/200 on GS Novi Sad: H_{req}=130cm
- 2025: Number of days on GS Novi Sad with water level H < H_{req}: 252

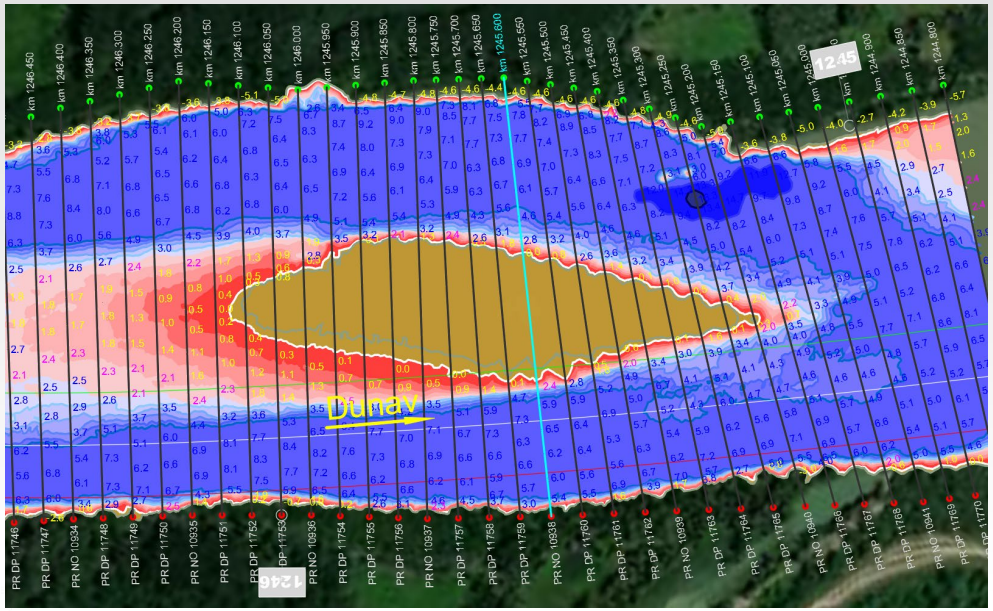
CS Arankina Ada (km 1248+000 – km 1244+800)

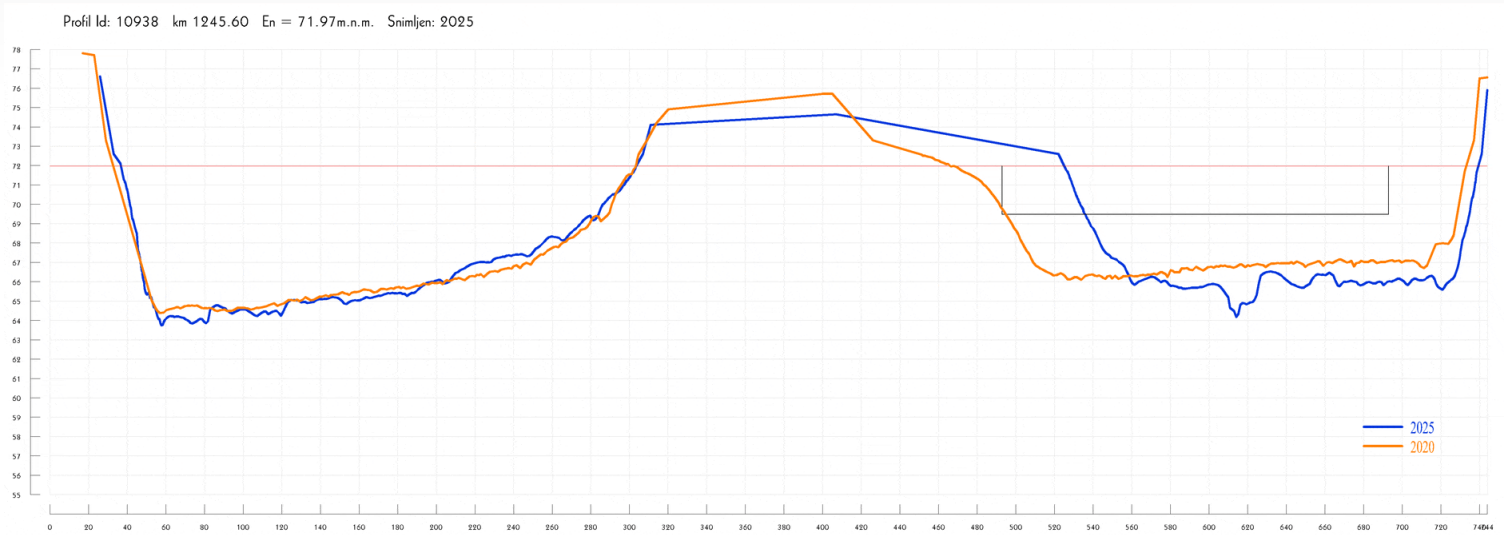
Gauging Station Novi Sad

„0“=71.73mnm, ENR=57cm, HNL=573cm

Critical CS: km 1245+600

- available width: 180m

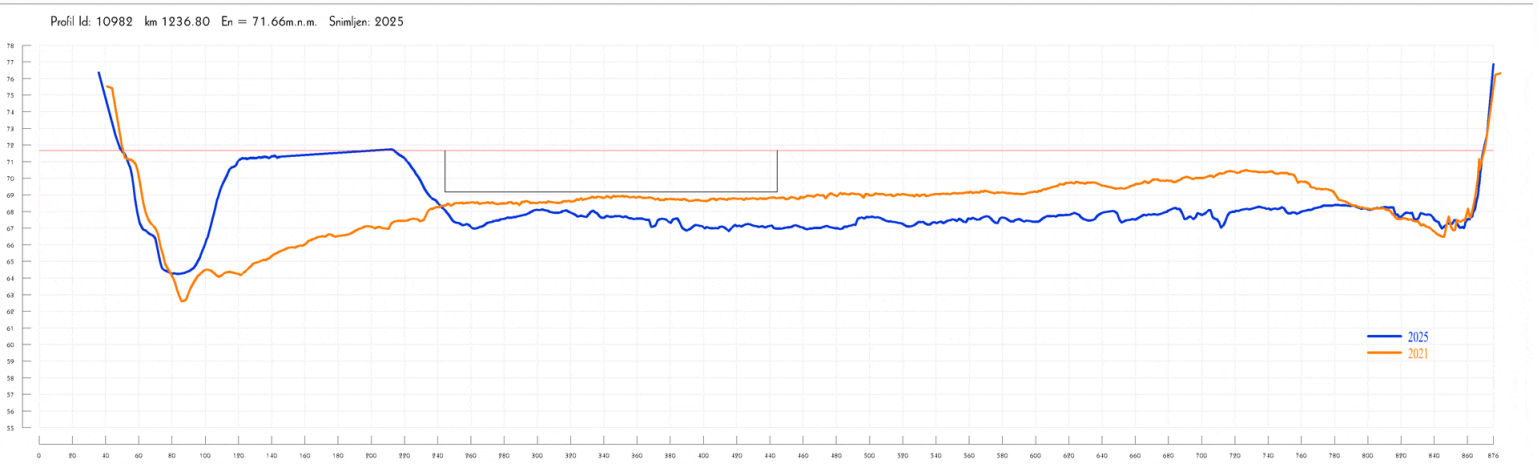


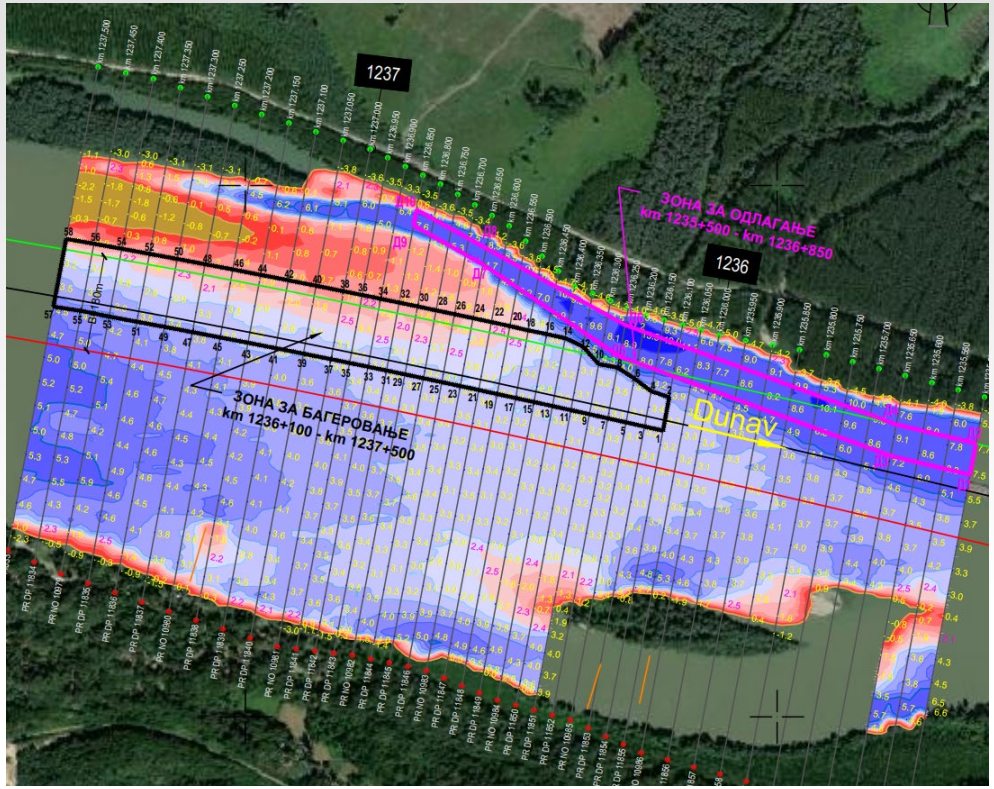


- Required water level for fairway dimensions 2,5/180 on GS Novi Sad: H_{req}=116cm
- 2025: Number of days on GS Novi Sad with water level H < H_{req}: 322

CS Čortanovci (km 1241+600 – km 1235+000)

- Critical CS: km 1236+500 – km 1237+200
  - Available width: 180m
  - Dynamically changing over time
  - Sandbank shifting from right → left





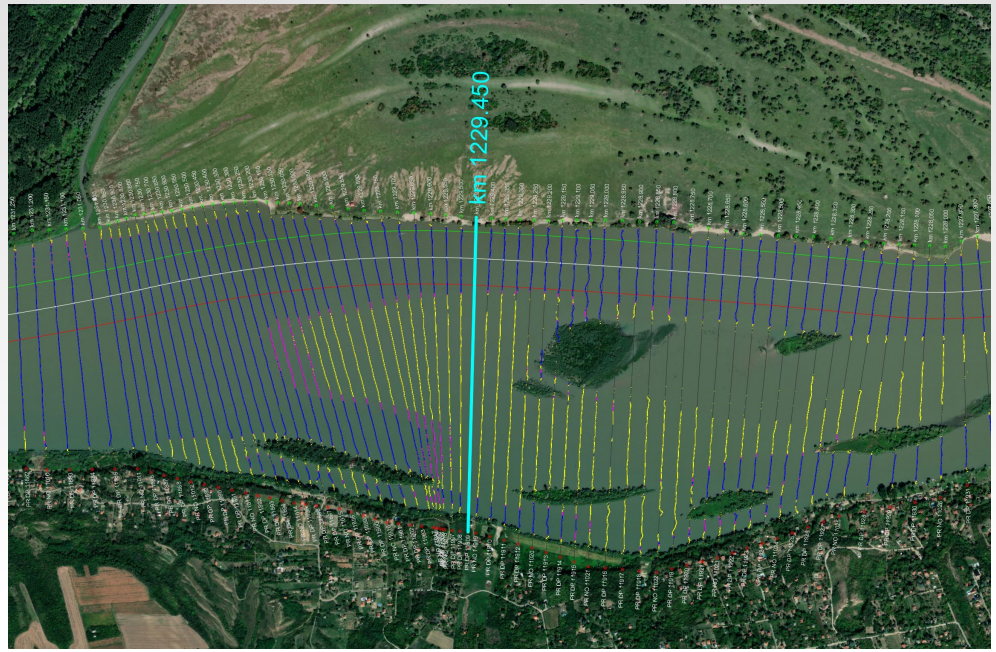
- 2024: Left bank “endangered”
- Apr 2024: ~48.000m^3 dredged
- Apr 2025: ~137.000 m^3 dredged
- Intense monitoring & surveying

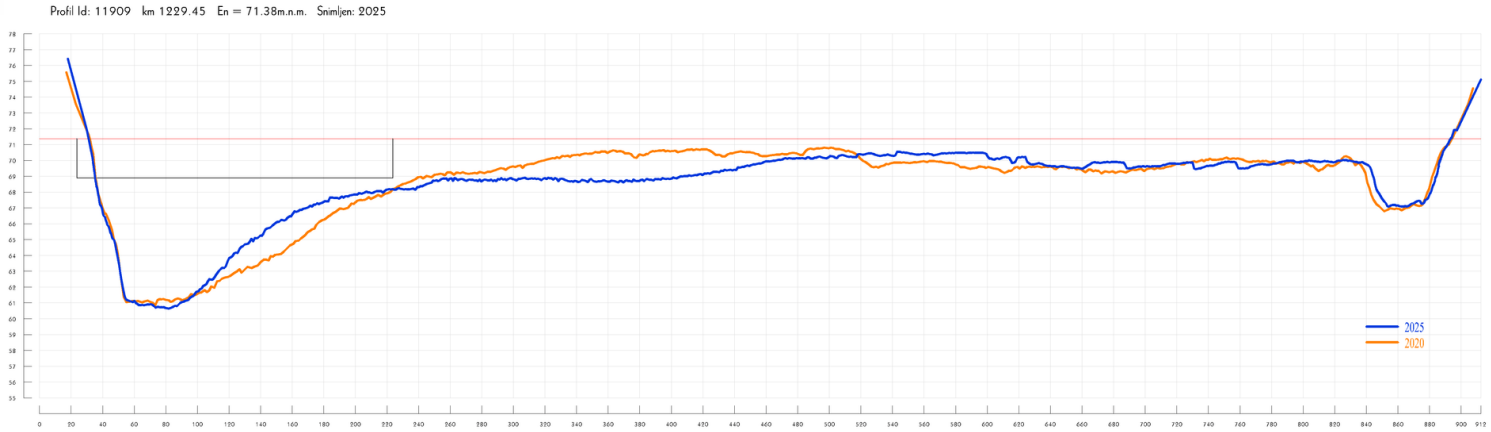
CS Beška (km 1232+000 – km 1226+600)

Gauging Station Slankamen

„0“=69.68mnm, ENR=117cm, HNL=623cm

- Critical CS: km 1229+450
  - Available width: 180m

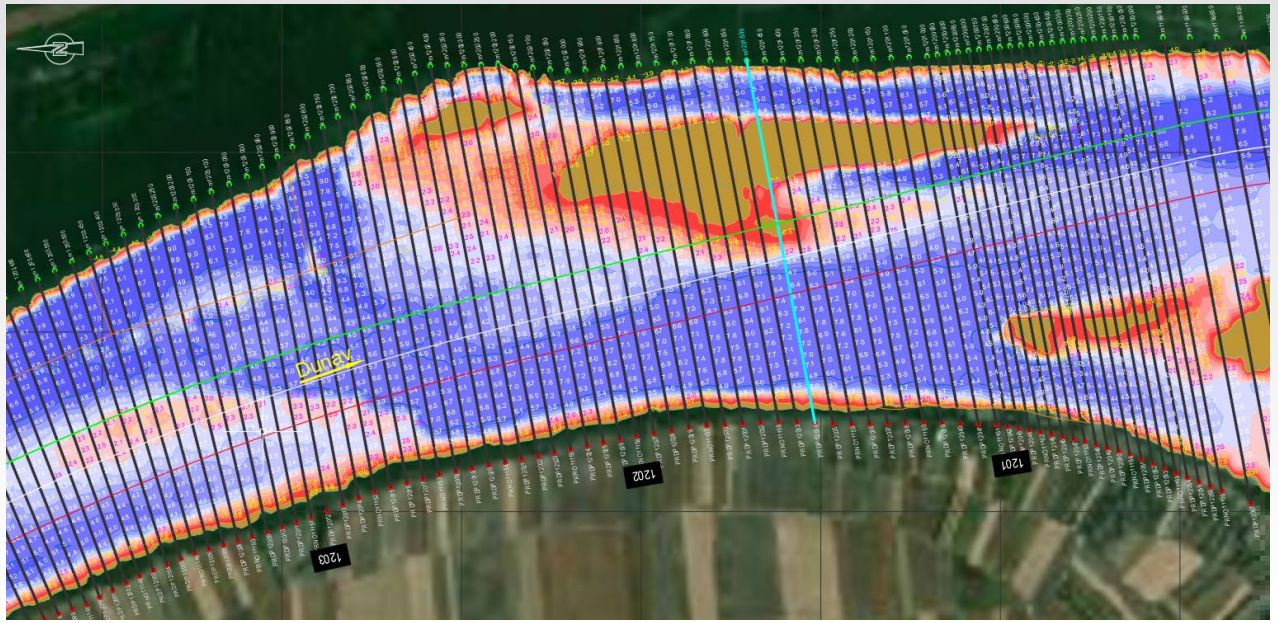


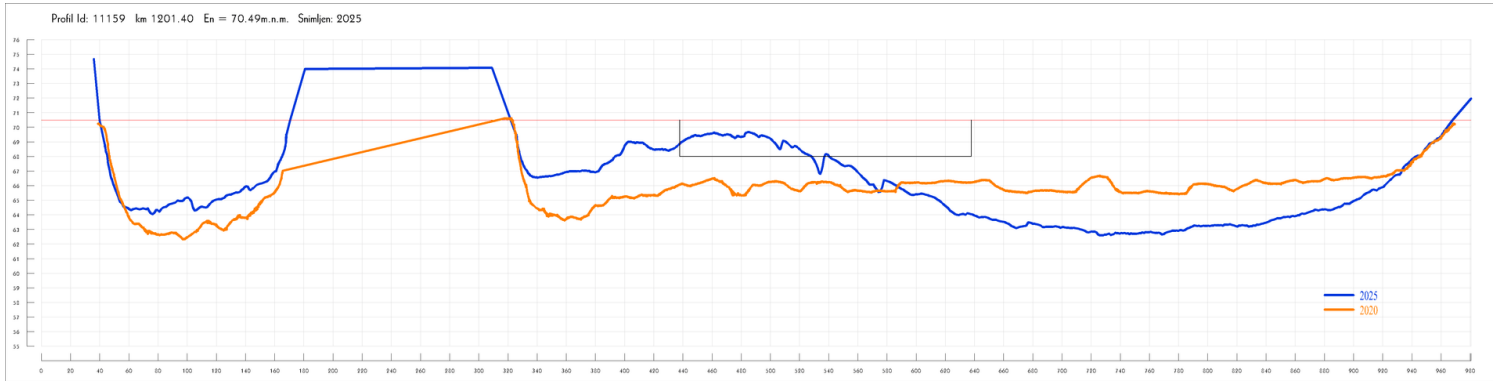


- Required water level for fairway dimensions 2,5/180 on GS Slankamen: H_{req}= 117cm
- 2025: Number of days on GS Slankamen with water level H < H_{req}: 80

CS Preliv (km 1207+000 – km 1195+000)

- Critical CS: km 1201+400
  - Available width: 200m
  - Significant changes between 2023 & 2024
  - Sandbar build-up in the middle of the fairway

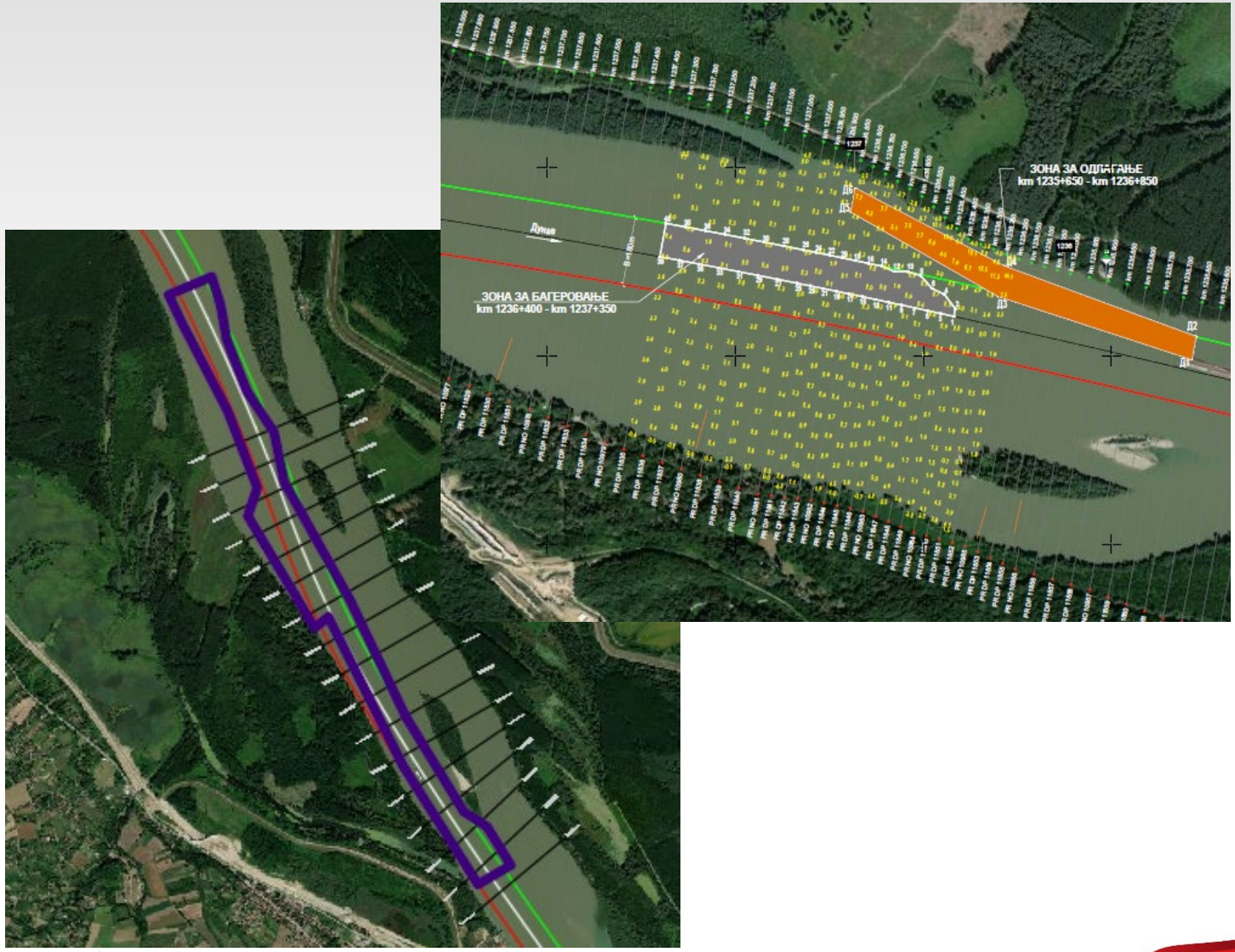




- Proper marking
- Intense monitoring & surveying
- Dredging plan

Planned activities in 2026 (km 1295+500 - km 845+600)

- Dredging works
  - CS Preliv (Q2 2026)
  - CS Arankina Ada (Q1 2026)
- Hydrographic surveys
  - CS prioritized (Preliv, Futog)
- Dredging plan
  - Allocated 2.0 mil. € (2026)

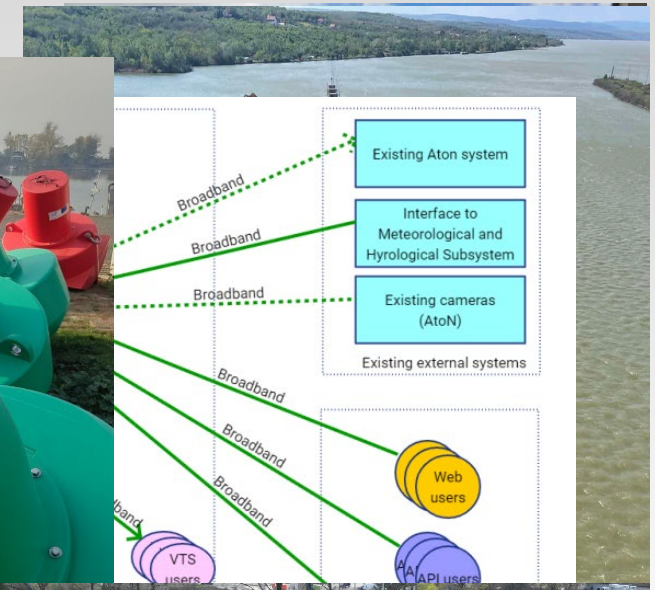


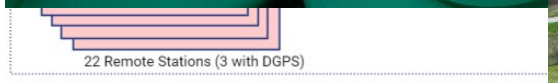
Budget overview

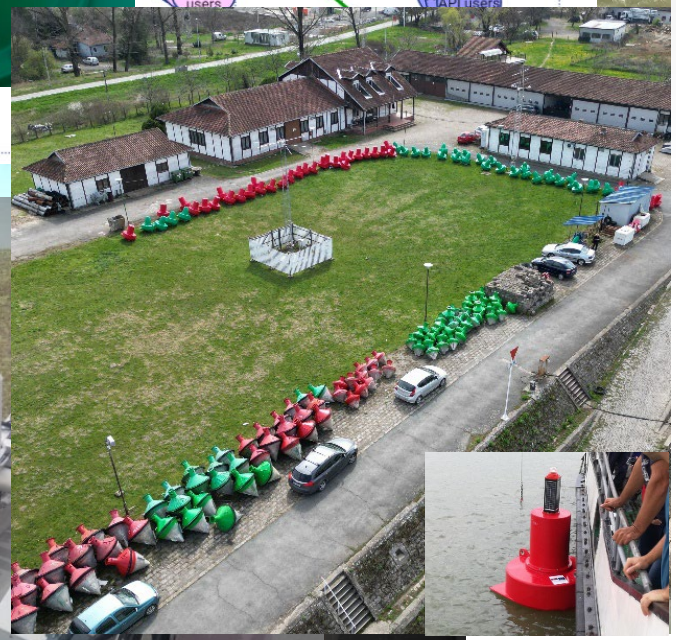
Need areas	Operational expenditures 2025 [€]	Required operational budget 2026 [€]	Secured operational budget 2026 [€]	Remaining financing gap 2026 [€]
Minimum fairway parameters (width/depth)	1,100,000	2,000,000	2,000,000	0
Surveying of the riverbed	35,000	55,000	55,000	0
Water level gauges	n/a	n/a	n/a	n/a
Marking of the fairway	310,000	310,000	310,000	0
Availability of locks / lock chambers	n/a	n/a	n/a	n/a
Information on water levels and forecasts	n/a	n/a	n/a	n/a
Information on fairway depths	n/a	n/a	n/a	n/a
Information on marking plans	n/a	n/a	n/a	n/a
Meteorological information	n/a	n/a	n/a	n/a
Other needs	n/a	n/a	n/a	n/a
Sum (€)	**1,445,000**	**2,365,000**	**2,365,000**	**0**

International projects - finished

- ✓ Upgrade of Iron Gate I lock (2021)
- ✓ Upgrade of Irone Gate II lock (July 2024)
- ✓ VTS and Voice VHF Network (Dec. 2023)
- ✓ AtoN's on the Sava River (July 2024)







Co-financed by the European Union
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European Investment Bank The EU bank

Plovput

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Danube Commission, Budapest, 05.03.2026.

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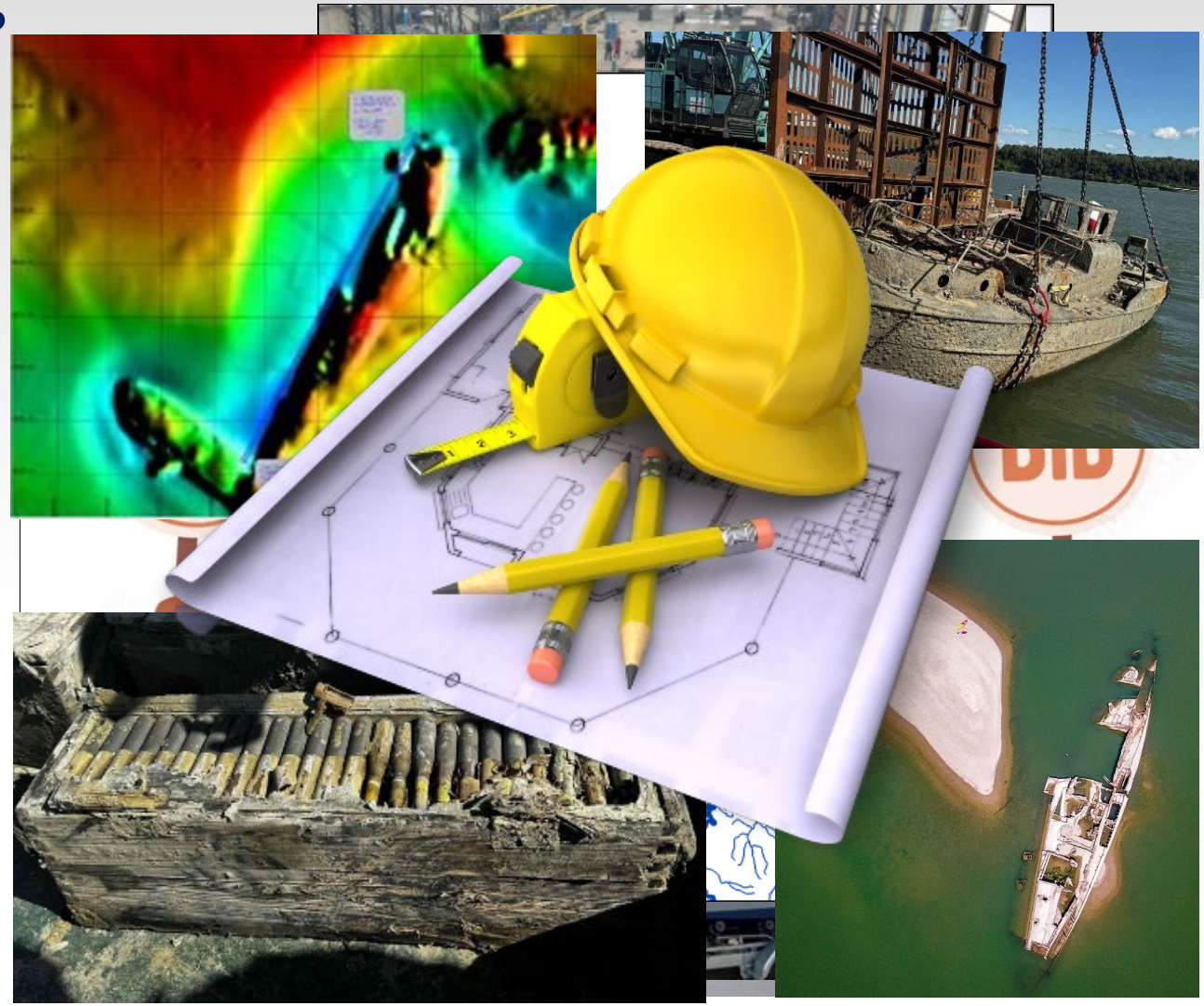
International projects - ongoing

- LOT2: Data Collection, hydraulic and morphological modelling of the Danube River and the Sava River in the Republic of Serbia
- Marking vessel (exp. Q3 2026) & Hydrographic vessel (Q2 2025)
- Network of Hydro-Meteo Stations (exp. Q3 2026)
- River training and dredging works on the Sava River - the Drina Confluence (exp. start Q1 2026)
- UXO Survey and Removal of sunken German fleet (exp. Q3 2028)
- Construction of the new lock on the Tisa River (design phase)



DANUBE COMMISSION

Expert Meeting on Hydrotechnical Issues
March 5, 2026, Budapest

THANK YOU FOR YOUR KIND ATTENTION

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Ministry of Construction, Transport and Infrastructure - Directorate For Inland Waterways, Plovput