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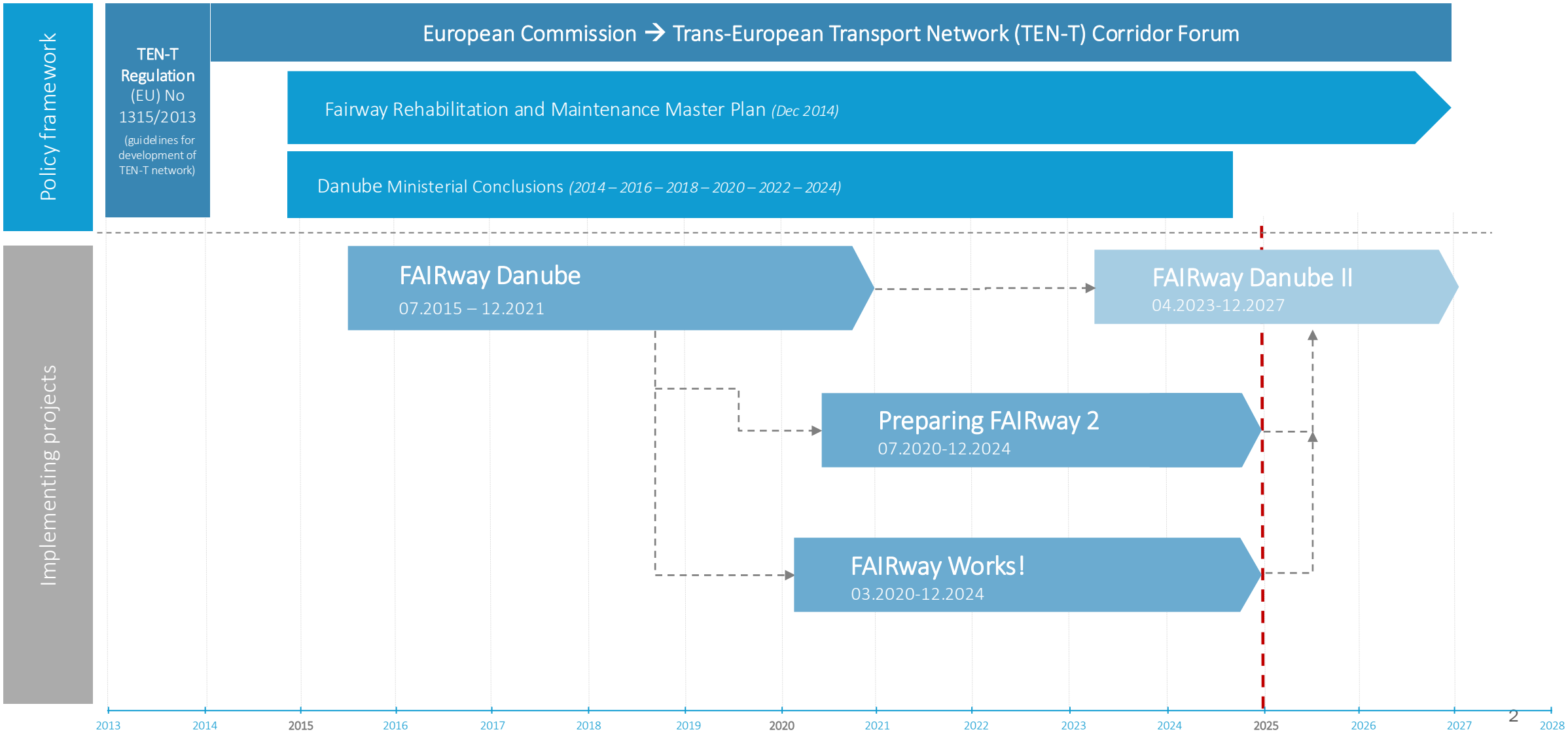
FAIRway Danube

FAIRway Danube II

General Project Presentation

Bratislava, 15.10.2026 – Andrea Haringova, viadonau

Deployment strategy



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FAIRway Danube (07/2015-12/2021)

First step to deploy the Master Plan - Main achievements (1/2)

- Monitoring of fairway parameters: (annual) National Action Plans
- 5 new multibeam surveying vessels (SK, HU, HR, RO, BG)
- 4 new marking vessels (SK, HR, RO, BG)
- 37 gauging stations (HR, RO, BG)
- Water-level forecast (establishment in HR, upgrade in HU, RO, BG)
- Water level management systems and trans-national waterway monitoring system (WAMOS)
- Pre-feasibility study for upgrade of Gabčíkovo locks → investment project

Budget: 23 Mil.€ (16,6 Mil.€ EU-funding)



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FAIRway Danube (07/2015-12/2021)

First step to deploy the Master Plan - Main achievements (2/2)



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FAIRway Works!

Key activities

- Upgrade Serbian Iron Gate 2 lock - Djerdap II (07/2023 – 07/2024)
- Upgrade Austrian mooring places in Linz, Wildungsmauer and Vienna (07/2024)
- Marking equipment in Austria
- AIS Aids to Navigation in Serbia (01/2024)
- Marking and surveying equipment in Serbia (2025)

- Budget: 42,6 Mil.€ (17 Mil.€ CEF-funding)
- Beneficiaries:



www.fairwayworks.org

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Preparing FAIRway 2 Works!

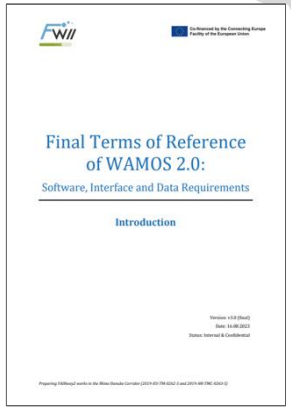
(04/2020 -12/2024)

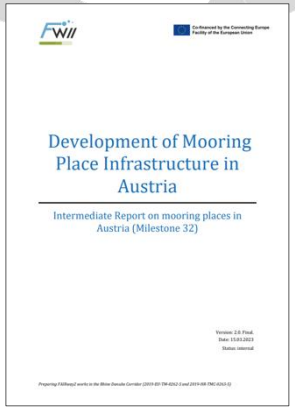
- Investigate on possible ***integrated river engineering measures*** on common Croatian/Serbian Danube stretch considering input of a multidisciplinary stakeholder forum
- Elaborate ***specification*** of transnational Waterway Monitoring System (***WAMOS 2.0***)
- Develop effective stakeholder coordination
- Prepare upgrade of ***mooring places in Austria, Serbia and Croatia***
- Beneficiaries:

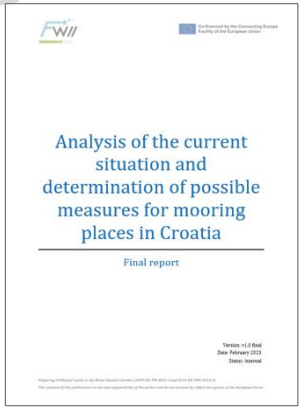


Austrian mooring places selected for upgrade




Final Terms of Reference of WAMOS 2.0:
Software, Interface and Data Requirements
Introduction


Development of Mooring Place Infrastructure in Austria
Intermediate Report on mooring places in Austria (Milestone 32)


Analysis of the current situation and determination of possible measures for mooring places in Croatia
Final report


FINAL REPORT

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FAIRway Danube II (04/2023-12/2027)

Next steps towards Good Navigation Status on the Danube - Main activities:

- **Monitoring of fairway parameters**: (annual) Reports on Good Navigation Status
- 183 **buoys** (HR, RO), upgrade of 19 **gauging stations** (BG, RO), **bridge clearance sensors** (HU, RO)
- **new surveying vessels** (HU, RO, BG), **upgrade sensors** in SK, HU, HR, RO, BG
- 6 **drones** (HU, HR, RO, BG)
- **Upgrade of water-level forecast** in AT, HU, RO
- **Upgrade trans-national waterway monitoring system** (WAMOS)
- **Pilot flexible infrastructure** (AT, HR, RO, BG)
- **Upgrade of mooring places** in Austria and Romania
- **Prepare upgrade of mooring places** in Austria, Slovakia and Croatia

Budget: 70 Mil.€
(46 Mil.€ CEF co-funding)

www.fairwaydanube2.eu



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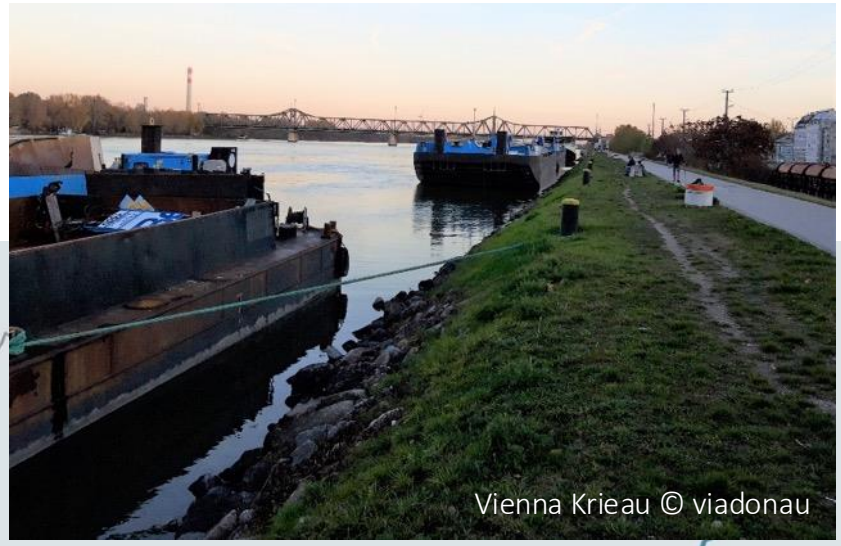
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FAIRway Danube

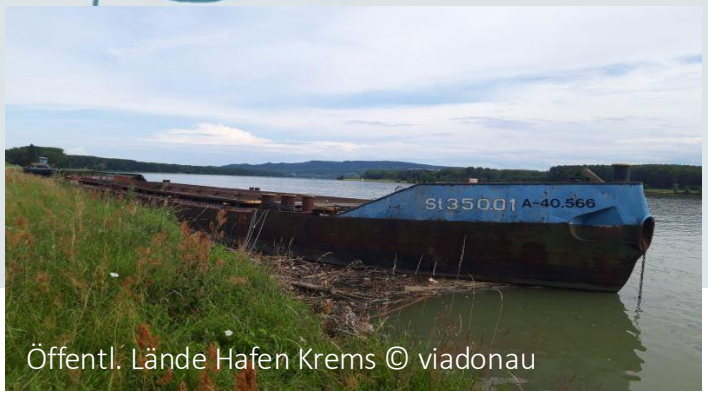
Upgrade of public mooring places in Austria and Romania
&
Preparatory works for future upgrades in the Danube countries

Selected mooring places for upgrade in AT


Aschach © viadonau


Vienna Krieau © viadonau


Aschach © viadonau


Öffentl. Lände Hafen Krems © viadonau


Vienna Lagerhauslände II © viadonau

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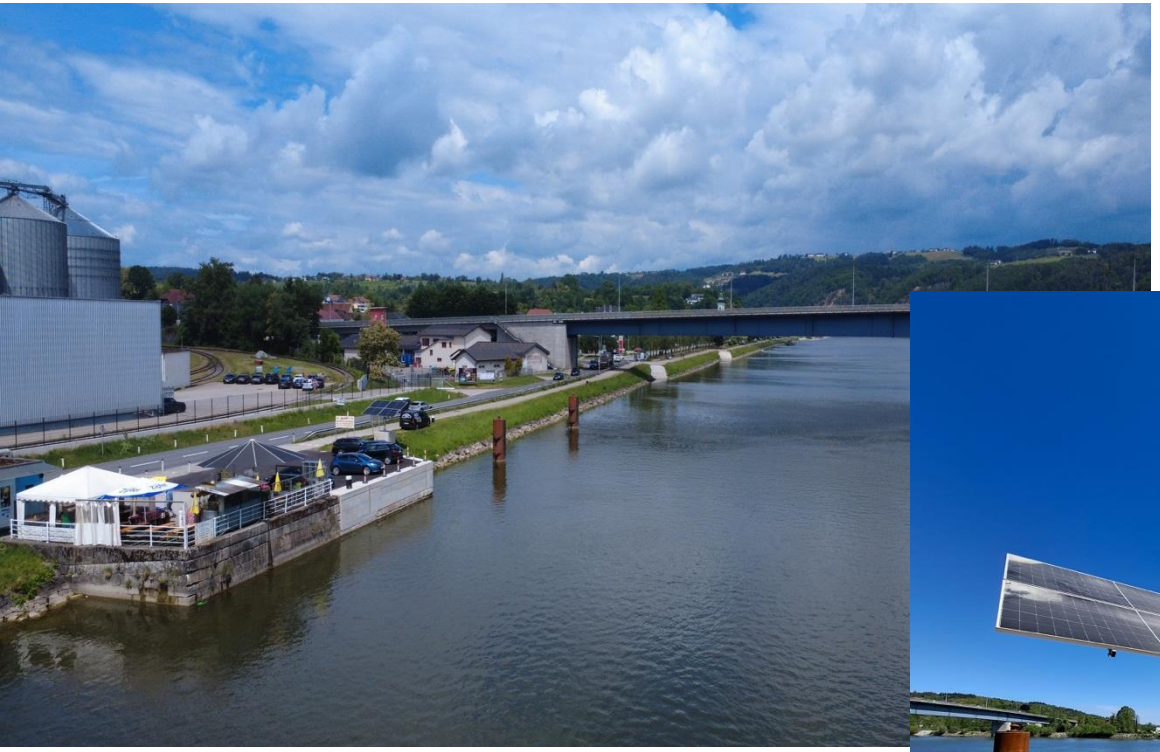
Selected mooring places for upgrade in AT

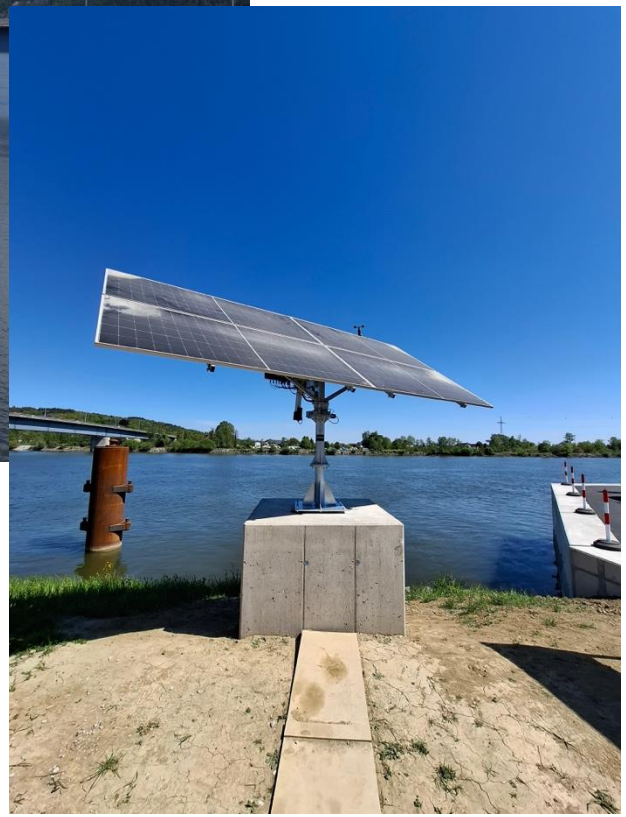
	Öffentliche Lände Aschach	Aschach	Öffentliche Lände Hafen Krems	Vienna - Krieau	Vienna – Lagerhaus-lände II
Danube river km	2.160,30 - 2.159,70	2.159,65 - 2.158,50	1.998,75 - 1.998,05	1.925,70 - 1.925,15	1.927,05 – 1.926,75
Length	490m	1.076m	600m	540m	220m
Mooring dolphins	3	14	14	14	0
Access facilities	vertical river bank construction	2 car bridges 1 crew bridge	2 car bridges 1 crew bridge	2 car bridges 1 crew bridge	vertical river bank construction
Shore-side electricity	yes (including PV)	yes (including PV)	yes (including PV)	yes (including PV)	yes (including PV)
Drinking water	optional	optional	optional	optional	optional
Lighting	optional	optional	optional	optional	already available

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Upgrade of public mooring places in Aschach

Öffentliche Lände Aschach







2 dolphins,
vertical wall,
shore side electricity,
PV-Tracker

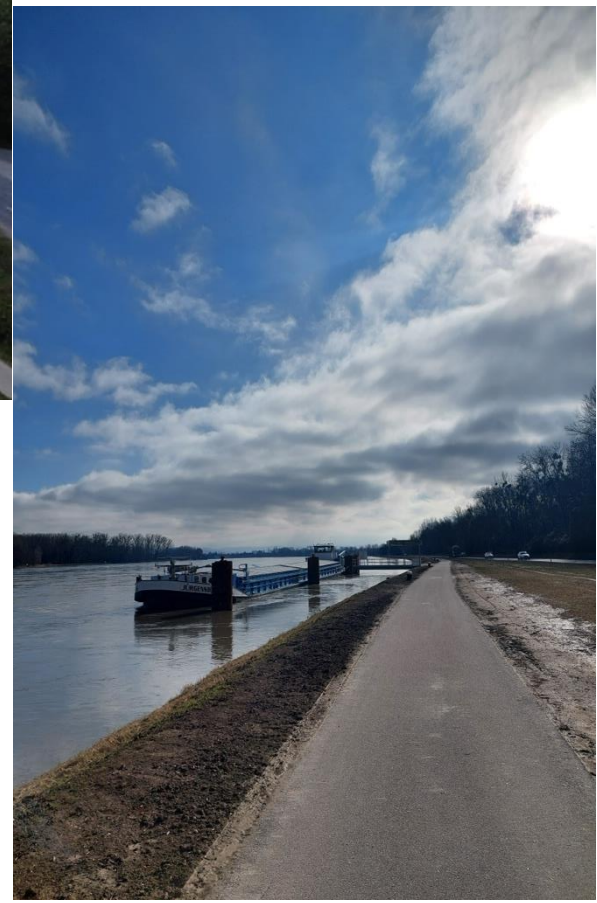
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Upgrade of public mooring places in Aschach









Mooring place Aschach

14 dolphins,
2 car bridges with PV-panels,
1 passenger bridge with PV-panels,
3 shore side electricity terminals
(on each bridge)

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Upgrade of public mooring place in Krems

- In 2024 half of works for shore-side electricity finished
- Currently construction ongoing, completed by 02/2027


Modernisierung der Liegestelle
„Öffentliche Lände Hafen Krems 48h“

viadonau

Was wird umgesetzt?

Ergebnisse und die Modernisierung führt zu:

Das Projekt

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Upgrade of mooring infrastructure in Romania

(Port Basarabi, right bank, Danube-Black Sea Canal)





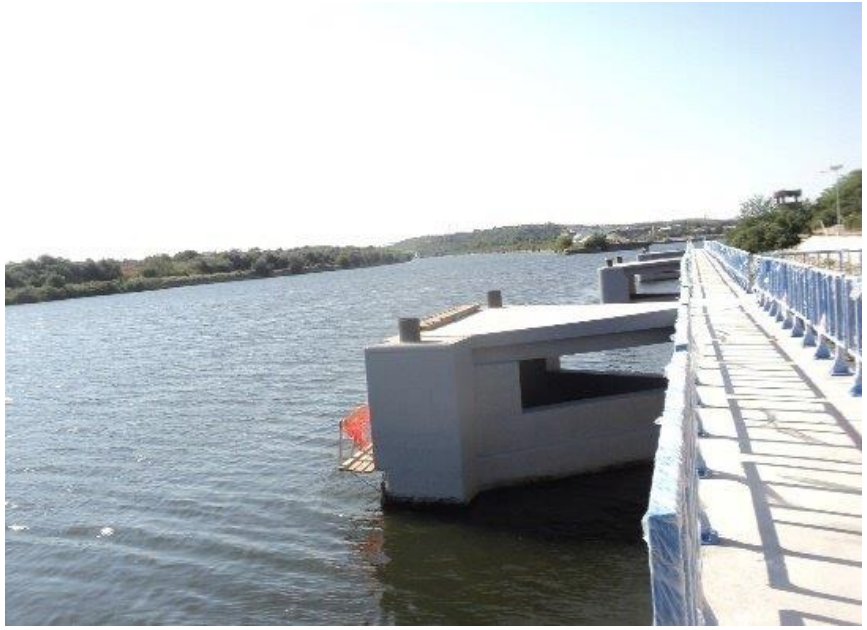
Location:

Upstream-port entrance – right shore

8 Duc D'albi – distance 43m

Length: 300m

Completed 09/2026





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Upgrade of mooring infrastructure in Romania

(Port Medgidia; right bank, Danube – Black Sea Canal)

Current status







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Upgrade of infrastructure for mooring operations

Danube- Black Sea Canal

Overview of upgrading measures

	Basarabi	Medgidia upstream	Medgidia downstream
Danube Black Sea Canal km	25,450 – 25,150	38,407-37,798	37,010 -36,701
Length	approx. 301 m	approx. 609 m	approx.309 m
Duc d'Albi	2 and new superstructure	4 and new superstructure	2 and new superstructure
Mooring / docking system	16 bollards; 64 quay fenders	30 bollards; 120 quay fenders	16 bollards; 64 quay fenders
Access facilities	2 bridges for crew	9 bridges for crew	2 bridges for crew
Shore-side electricity	Yes	Yes	No

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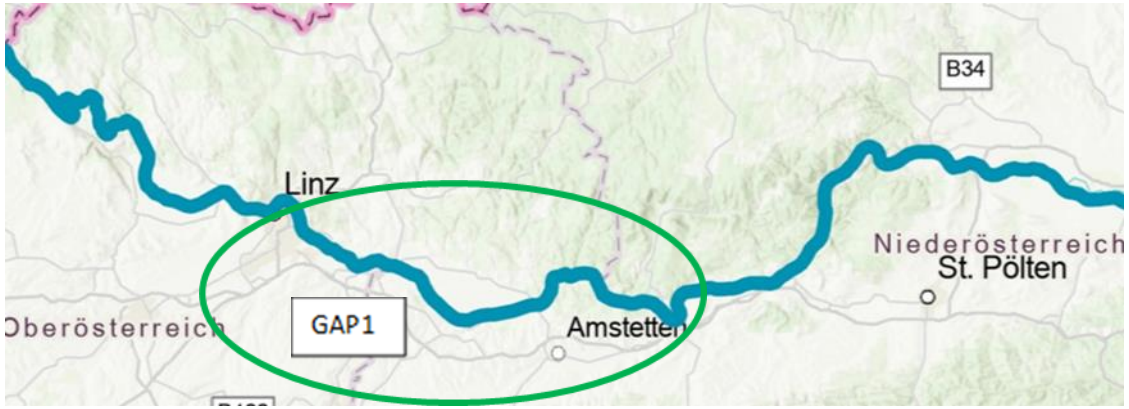
Preparatory works for future upgrades in AT

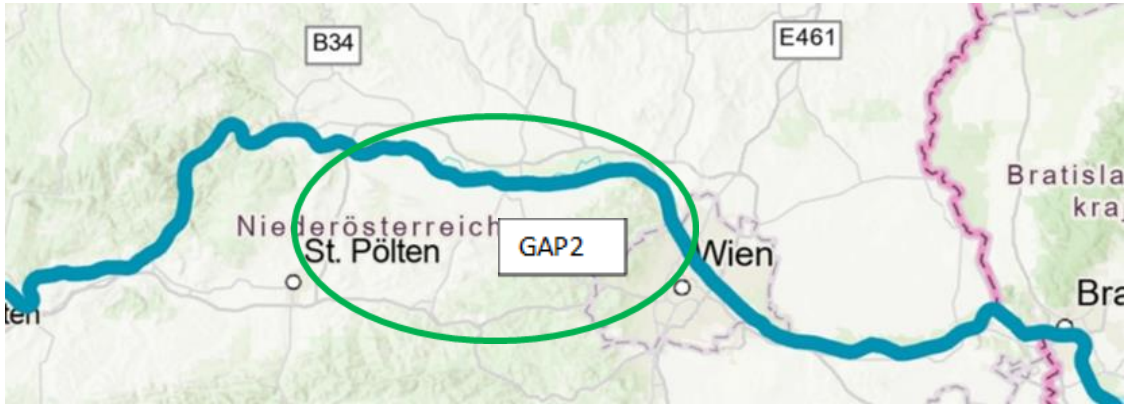
Documentation for upgrading infrastructure for mooring operations in Austria includes:

- Feasibility Study with the analysis/ identification of the current gaps in the public mooring places on the Austrian Danube
- Preparation of two detailed planning documentations for selected mooring places
- Timeline: 12.2027



- Preparation of Internal analysis as supporting document for Feasibility study and procurement is ongoing



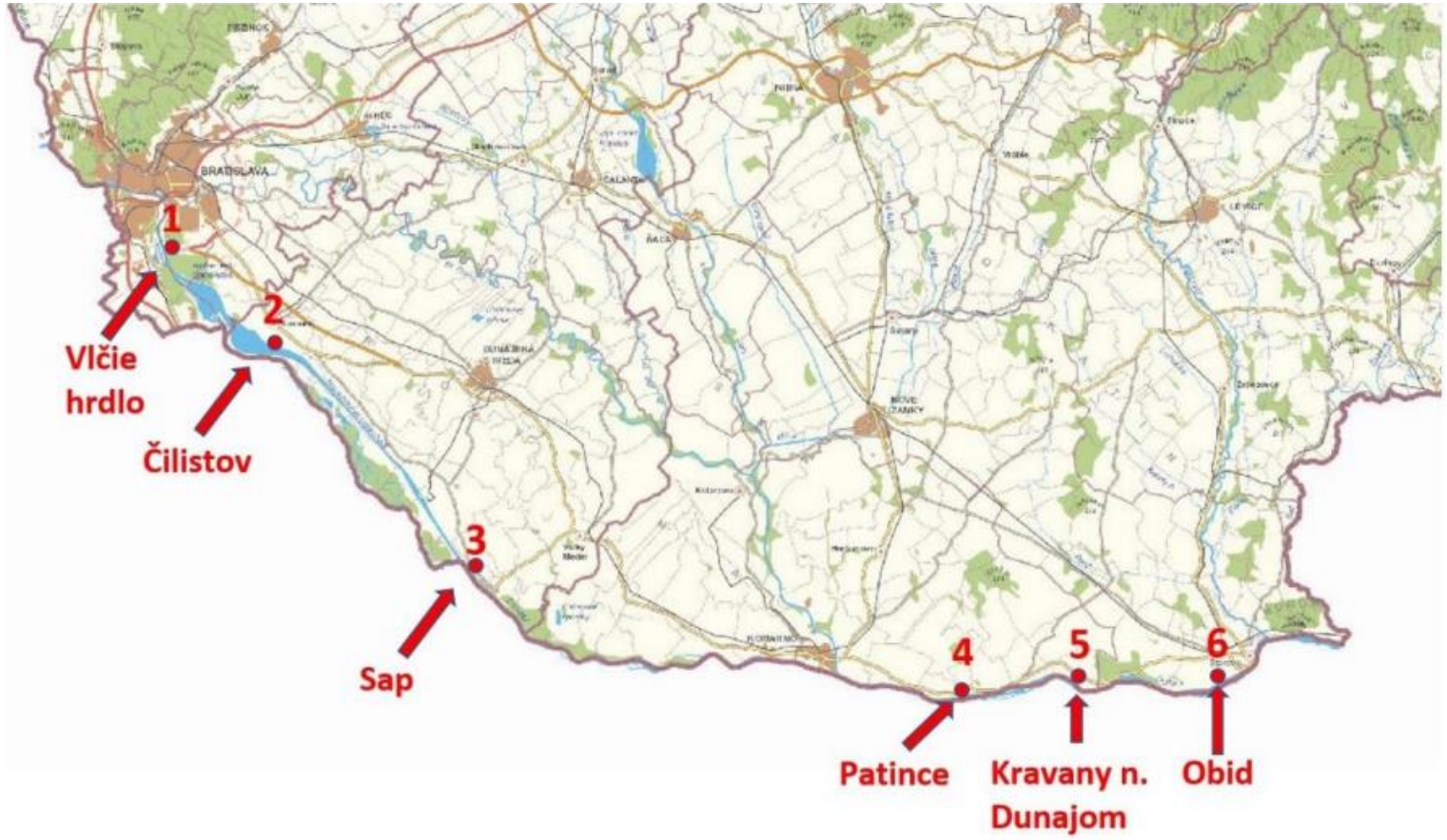


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Studies in Slovakia: Pre-selected locations

Documentation for upgrading infrastructure for mooring operations in Slovakia for pre-selected locations include:

Feasibility study; CBA;
Environmental screening;
Building permit.

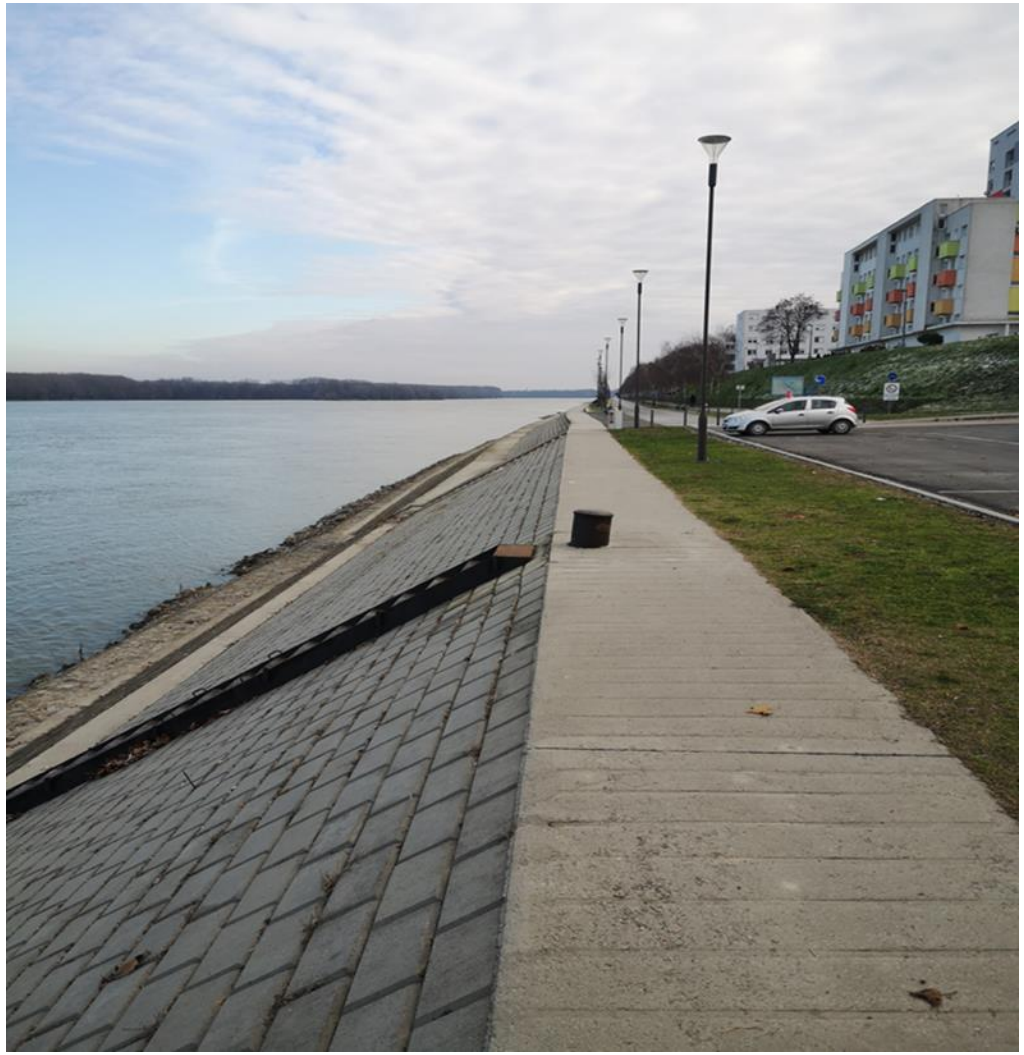


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Studies in Croatia

Documentation for upgrading infrastructure for mooring operations in Croatia in the vicinity of the port of Vukovar for one mooring place include:

Feasibility study; CBA; Environmental screening; Conceptual design; Location permit;Main design; Building permit and Detailed design



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Thank you for your attention!



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