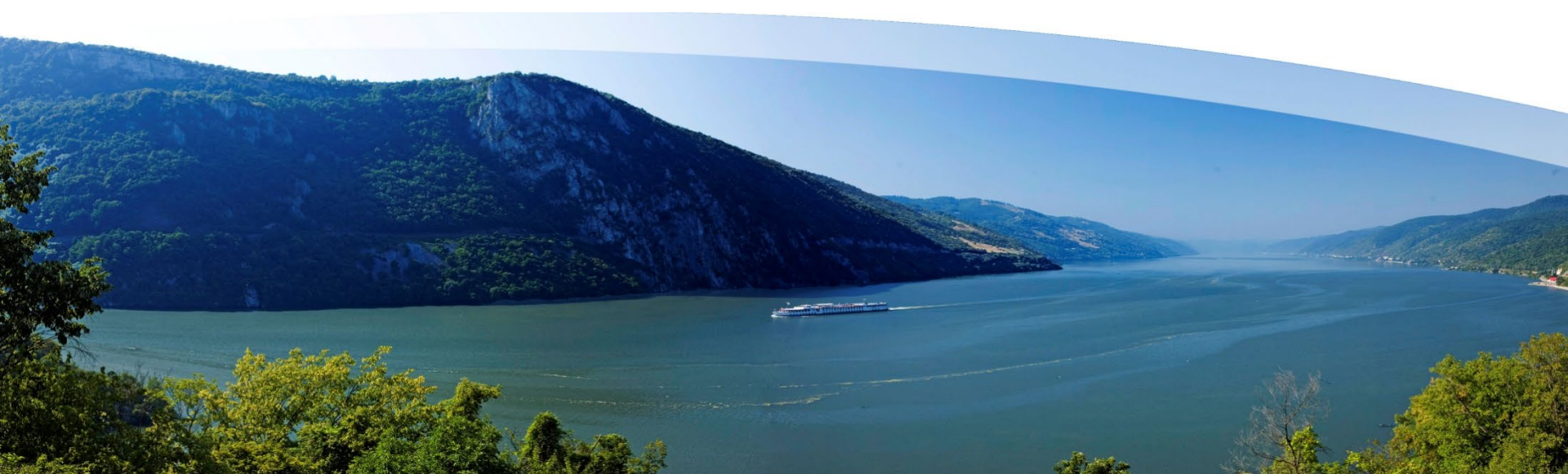


EUSDR PA1a Inland Waterways

Expert Meeting on Hydraulic Engineering | Danube Commission
28th February 2023 | Gert-Jan Muilerman



Six thematic areas – six actions – six Working Groups



Action 1: Contribute to improve waterway and port infrastructure & management



Action 2: Foster business development



Action 3: Facilitate fleet modernisation



Action 4: Support the further roll-out and enhancement of River Information Services



Action 5: Contribute to the enhanced quality of education and jobs



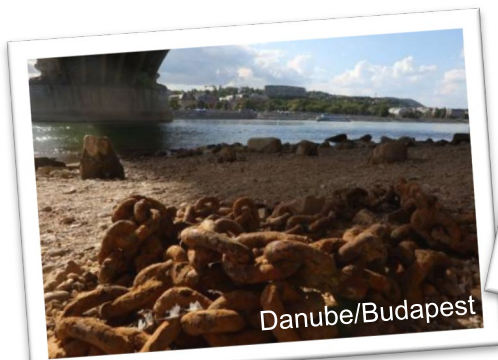
Action 6: Contribute to the simplification, harmonisation and digitalisation of administrative processes

Priority measures until 2028:

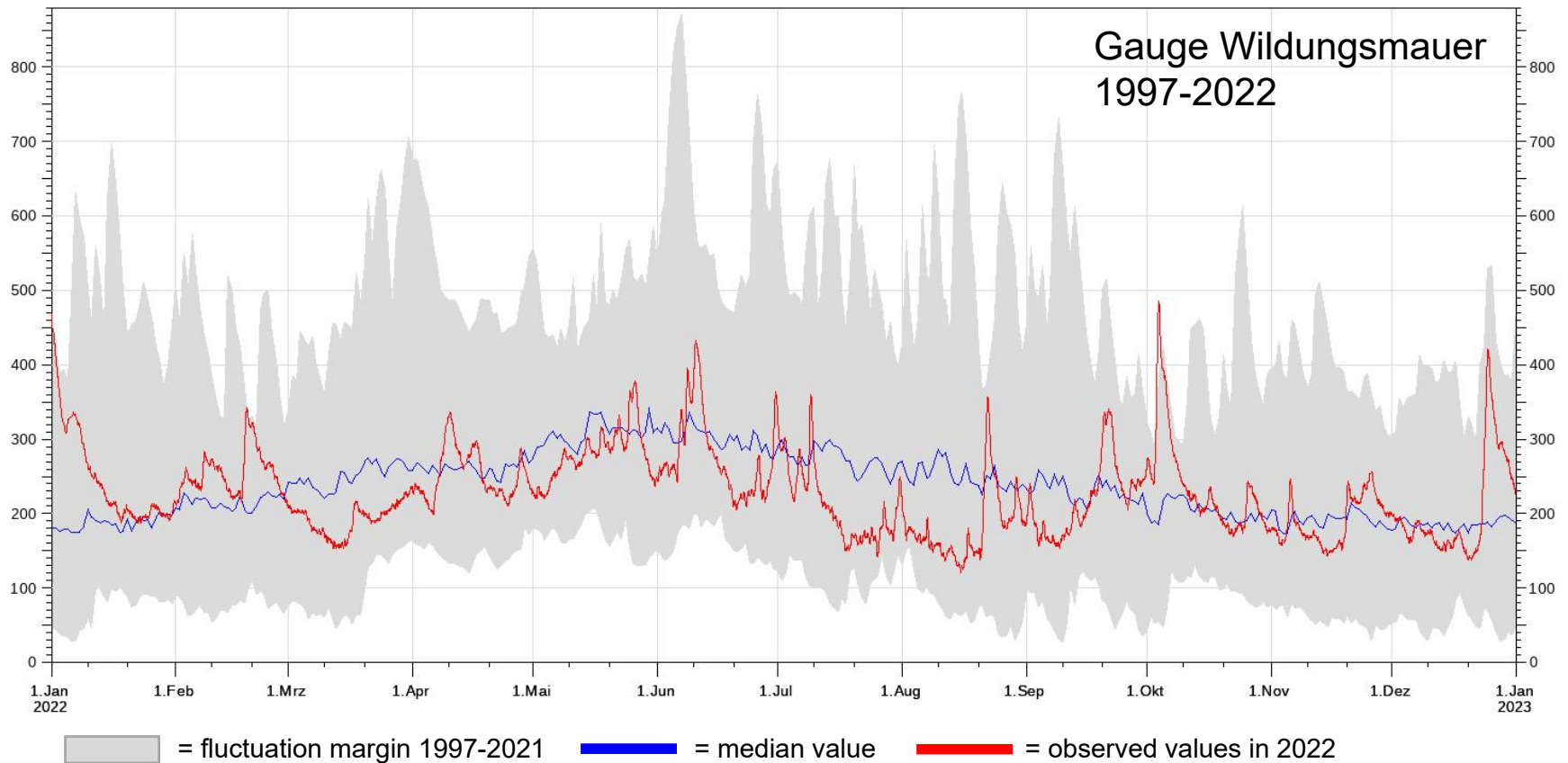
- Fairway Rehabilitation and Maintenance Master Plan (FRMMP): Continuation of the policy-project-cycle
 - Monitoring of implementation status of FRMMP by means of National Action Plans
 - Project support
 - Organisation of political commitment → Danube Ministerial Meetings
- Port entrances as obstacle to navigation (draught restrictions)
 - Identification of problematic port entrances (in conjunction with waterway users)
 - Approaching responsible port authorities/infrastructure owners/Ministries of Transport
 - Defining required measures to resolve bottlenecks and responsibilities for the provision of user information

- Develop good practices for integrated/holistic river management (possible cooperation with PA6 Biodiversity)
- Expert exchange regarding climate change adaptation options towards more resilient waterway management: continuous adaptation to changing discharge patterns:
 - optimization for navigation, environment (reduced sediment transport), flood protection (reduced infrastructure elements during high water leads to better water distribution)
- Monitor implementation of “Fairway Danube 2” project:
 - Monitoring of pilot activities for flexible low water regulation methods

Images of low water in Europe during Summer 2022

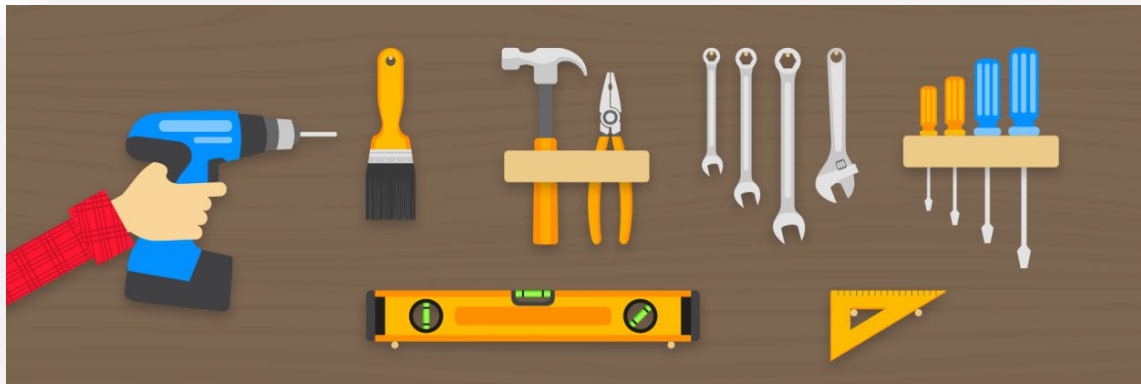


Low water on the Austrian Danube in 2022



Our tool kit to achieve stable fairway conditions along the Danube

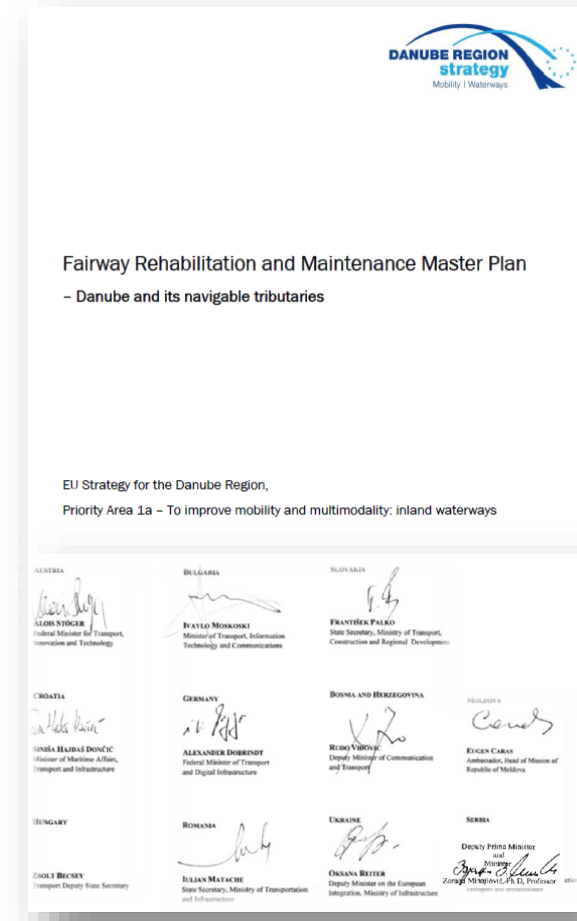
1. Strong partnership and cooperation among waterway administrations and stakeholders
2. Definition of common levels of service and work plans
3. Pro-active waterway maintenance on national level
4. Joint implementation projects



designed by  freepik.com

2. Definition of common levels of service and work plans

- Fairway Rehabilitation and Maintenance Master Plan
- Initiated in April 2014 by Danube Region Strategy (Priority Area 1a)
- Prepared in close cooperation between PA1a, the European Commission and the Danube waterway administrations
- Endorsed in December 2014 and reconfirmed every second year ever since by 10 Danube Ministers of Transport



4. Joint implementation projects

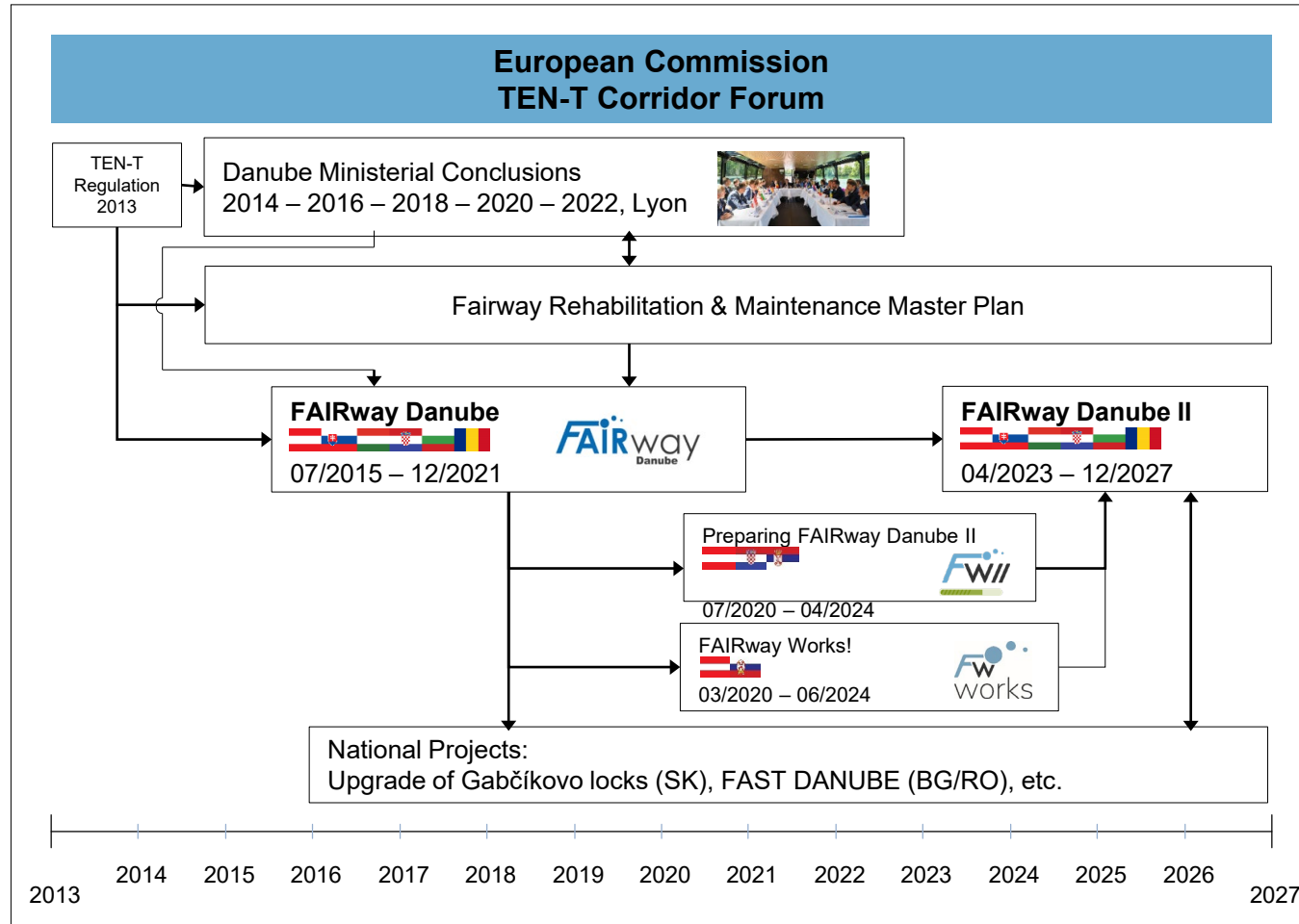


Co-financed by the Connecting Europe
Facility of the European Union



FAIRway
Danube

EUSDR – FAIRway Danube projects – Ministerial meetings



Results FAIRway Danube

- First realisation step of Rehabilitation and Maintenance Master Plan
 - Monitoring of fairway parameters together with EU Danube Region Strategy
 - Model for improvement of fairway conditions and info services
 - Investment in 12 vessels, 37 gauging stations, national waterway management systems, water-level forecast
 - Pre-feasibility study for Gabčíkovo lock upgrade
- ➔ Significantly improve data quality and coordination of actions along the Danube waterway corridor

Proposed objectives of follow up project

- Test and validate the means to increase climate and low-water resilience
- Enable waterway administrations to monitor selected parameters of (Good) Navigation Status as required by the TEN-T Regulation
 - Complete monitoring sensors/equipment
 - Upgrade waterway monitoring system (WAMOS 2.0)
- Monitor fairway conditions and prepare National Action Plans
- Next steps for mooring places (construction where ready/next step planning in other countries) including onshore power
- Planned project duration: 2023 – 2028

PA1a coordinators



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Republic of Austria
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Energy, Mobility,
Innovation and Technology

viadonau

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