

Danube STREAM

Activities and outputs on the interface of waterway management and nature conservation

Dunakiliti, 26-27.04.2017 Gert-Jan Muilerman





Danube STREAM

KEY PROJECT DATA





Project partners

Partner no.	Partner name	Short name	Country
LP	via donau - Austrian Waterways Company	VIA	AT
ERDF PP1	Slovak Water Management Enterprise	SVP	SK
ERDF PP2	General Directorate of Water Management	OVF	HU
ERDF PP3	National Association of Radio Distress-Signalling and Infocommunication	RSOE	HU
ERDF PP4	Agency for Inland Waterways	AVP	HR
ERDF PP5	River Administration of the Lower Danube Galati	AFDJ	RO
ERDF PP6	Administration of Navigable Canals S.H.	ACN	RO
ERDF PP7	Executive Agency for Exploration and Maintenance of the Danube River	EAEMDR	BG
IPA PP1	Ministry of Construction, Transport and Infrastructure - Directorate for Inland Waterways	Plovput	RS



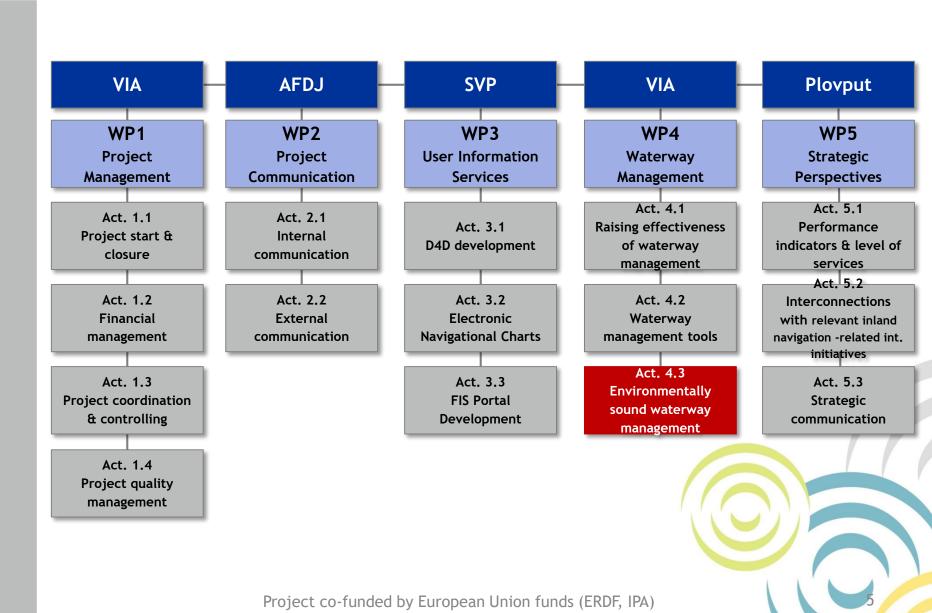
Associated strategic partners

No.	Name Of associated strategic partner	Short name	Country
ASP 1	German Federal Ministry of Transport and Digital Infrastructure	BMVI	DE
ASP 2	Danube Commission	DC	HU
ASP 3	International Sava River Basin Commission	ISRBC	HR
ASP 4	DANUBEPARKS - Danube River Network of Protected Areas	DANUBEPARKS	AT





WP breakdown structure





Overview

SUMMARY ACTIVITY 4.3





Our tool kit to achieve stable fairway conditions along the Danube and its tributaries

- 1. Strong partnership and cooperation among waterway administrations and stakeholders
- 2. Definition of common levels of service and work plans
- 3. Development of best practices in waterway maintenance
- 4. Up-to-date fairway information for waterway users
- 5. Close performance monitoring and reporting







Definition of common levels of service and work plans

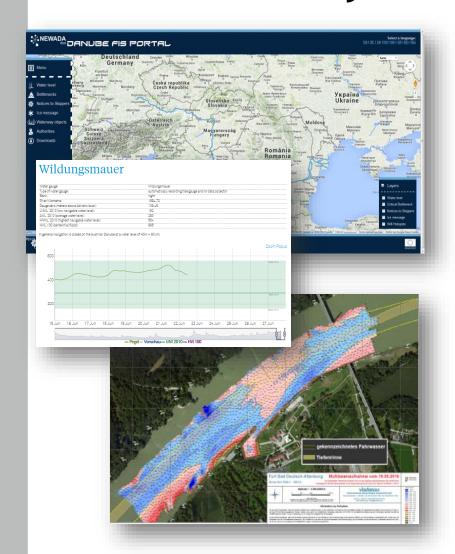


- Fairway Rehabilitation and Maintenance Master Plan
- Initiated in April 2014 by Danube Region Strategy (Priority Area 1a) in cooperation with the NEWADA duo project
- Prepared in close cooperation between PA1a, the European Commission and the Danube waterway administrations
- Endorsed in December 2014 and June 2016 by the majority of Danube Transport Ministers

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Up-to-date fairway information for waterway users



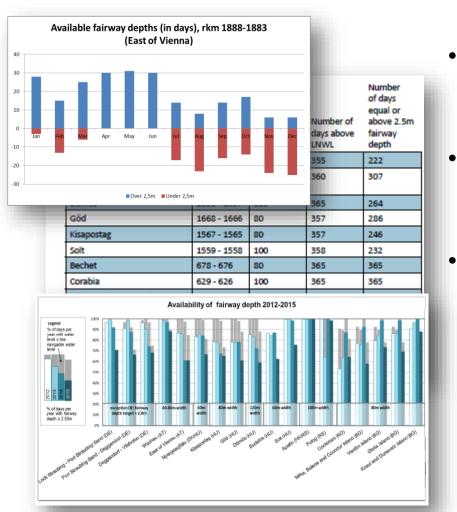
Features of available online services

- Water levels
- Shallow section information
- Lock status
- Notices to skippers
- Marking database
- Atlas of berths
- •
- Easy access to data
 - www.danubeportal.com





Close performance monitoring and reporting

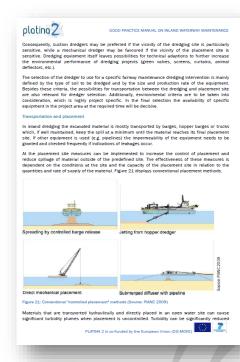


- Monitoring of Key
 Performance indicators
 and Levels of Service
- Among others through publication of Common Danube Report
- Examples
 - Availability of 2.5m fairway depth at critical locations
 - Closures of navigation per year



Development of best practices

- The EU co-financed PLATINA-2 project established a European expert group for inland waterway maintenance
- Focus on free-flowing river sections, as these are most critical in terms of performance and maintenance needs
- Danube STREAM output: Strategy on environmentally sound waterway management (elaborating on work done in PLATINA-2 project)
 - Exchange of practical approaches applied in different river corridors all over Europe
 - Guidelines for practical implementation of economically and ecologically sustainable waterway maintenance procedures





Environmentally sound waterway

management

1. What is the problem?

- Waterway projects have to be in line with Water Framework Directives and other relevant environmental law
- Environmental requirements are sometimes inhibitive

2. Where do we stand today?

- Joint Statement / planning guidelines for integrative approach
- Several good practice documents available
- Existing cooperation with Danube Parks





Environmentally sound waterway management

3. What do we intend to improve in Danube STREAM?

- Continued meetings/exchanges between waterway administrations and protected areas on national level
- Learn from best practices in Western Europe
- Intersectoral conferences (to be jointly organised with DANUBEparksCONNECTED)
- Preparation of report on environmentally sound waterway management: Guidelines for practical implementation of economically and ecologically sustainable waterway maintenance procedures



Environmentally sound waterway management

4. What do we need from you?

- Joint definition of criteria for best practices in environmentally sound waterway management
- Links to existing literature/guidance documents
- Proposals for best practices in environmentally sound waterway management
- Elaboration and description of best practices
- Feedback on draft report on environmentally sound waterway management



Planned tasks in Act. 4.3

Task No.	Title of Task	Responsible PP
4.3.1	Carry out national level discussion and meetings between WWAs and PAs	VIA
4.3.2	Study trip to Western Europe (e.g. NL, DE or FR)	VIA
4.3.3	Prepare intersectoral seminar	VIA
4.3.4	Prepare environmentally sound waterway management report	VIA
4.3.5	Organise intersectoral conference (incl. cross-sectoral BoD meeting)	Plovput





Task 4.3.1	Carry out national level discussion and meetings between WWAs and PAs	
Task Leader	VIA	
Involved PP	VIA, SVP, OVF, RSOE, AVP, AFDJ, ACN, EAEMDR, Plovput	
Task Start	01/04/2017	
Task End	31/12/2017	
Objective	The partners will start the participation in Activity 4.3 with collaborating with the representatives of the national parks on national level. For this the project will connect closely with Protected Areas (united in the DANUBEparksCONNECTED project) to explore more environmentally sound waterway management processes, this will include both national and international aspects. Hence, measures to keep the ecological balance of the Danube as a waterway will be taken. The 7 national meetings shall provide a summary of the national procedures and good practices in the field of sustainable waterway management in national parks. The resulting national synergy documents shall be input for the transnational inter-sectoral conferences and the environmentally sound waterway management report.	



Task 4.3.2	Study trip to Western Europe (e.g. NL, DE or FR)	
Task Leader	VIA	
Involved PP	VIA, SVP, OVF, RSOE, AVP, AFDJ, ACN, EAEMDR, Plovput	
Task Start	01/07/2017	
Task End	30/06/2018	
Objective	The partnership will organize a study trip to Western-Europe (e.g. Netherlands, Germany or France) to learn about the best practices of other waterway management administrations in relation with environmental protection and waterway management. A summary report will be prepared after the study trip in order to be able to use it in the development of the environmentally sound waterway management report.	





Task 4.3.3	Prepare intersectoral seminar	
Task Leader	VIA	
Involved PP	VIA, SVP, OVF, AVP, AFDJ, ACN, EAEMDR, Plovput	
Task Start	01/01/2018	
Task End	30/09/2018	
Objective	Danube STREAM also goes beyond regional and transport strategies and reflects the environmental policies of the Community. The Water Framework Directive will be followed in respect to the River Basin Management Plans and interested parties will be invited to express their views on specific project topics. In this context a dedicated activity deals with environmentally sound waterway management and strongly relies on an open dialogue with environmental stakeholders. An intersectoral seminar will be organized by VIA to reach the most important	
	environmental actors in relation with water management. This will aim to disseminate the joint works done in transnational projects in relation with the Danube River. The targeted actors will be ICPDR, DG Environment, NGOs, etc The main point on the agenda is to introduce running projects on the Danube to the environmental sector.	



Task 4.3.4	Prepare environmentally sound waterway management report	
Task Leader	VIA	
Involved PP	VIA, SVP, OVF, AVP, AFDJ, ACN, EAEMDR, Plovput	
Task Start	01/04/2017	
Task End	30/06/2019	
Objective	The partnership will develop - based on the PLATINA II Waterway Maintenance Manual (2016), the national synergy documents and the study trip to Western Europe - an updated strategy on environmentally sound waterway management with the assistance of protected areas along the Danube. This document shall serve as guidance on sustainable waterway maintenance for the partners after the project finalisation.	





Task 4.3.5	Organise intersectoral conference (incl. cross-sectoral BoD meeting)	
Task Leader	Plovput	
Involved PP	VIA, SVP, OVF, AVP, AFDJ, ACN, EAEMDR, Plovput	
Task Start	01/04/2017	
Task End	30/06/2019	
Objective	The partners will start the participation in Activity 4.3 with collaborating with the representatives of the national parks on national level (Task 4.1.1). The cooperation will rise to transnational level, where two intersectoral conferences will be organized (one of them by Plovput, the other one by partners of the DANUBEparksCONNECTED project). During these conferences good practices in environmentally sustainable waterway management will be discussed and presented.	





Activity 4.3 Environmentally sound waterway management - <u>Deliverables</u>

D 4.3.1	National synergy documents	7x	Period 2
D 4.3.2	Summary report of study trip	1x	Period 3
D 4.3.3	Preparation of environmentally sound waterway management report based on inputs of the PLATINA II project	1x	Period 5
D 4.3.4	Intersectoral seminar to introduce running projects on the Danube to the environmental sector	1x	Period 5

