

## 3rd Working Group meeting for Priority Area 1a of the EUSDR

Belgrade, 7 November 2012

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## Status Quo of implementing EUSDR Priority Area 1a

- ✓ Information on projects related to PA 1a
- ✓ Up-date of PA 1a website
- ✓ Stakeholder Conference 2012
- ✓ 3rd Steering Group Meeting
- ✓ Luxembourg Declaration
- ✓ Progress Report PA1a, 2012
- ✓ Road Maps
- ✓ Implementation of "flagship project" on Innovative Danube Vessel

# EUSDR PA 1a projects: Status quo

<b>Waterway Infrastructure</b>  "Improve waterway infrastructure"	<b>Waterway Management</b>  "Improve waterway management"	<b>Ports and Sustainability</b>  "Develop multi-modal ports and sustainable freight transport"	<b>Danube Fleet</b>  "Modernise the Danube fleet"	<b>River Information Services</b>  "Implement River Information Services"	<b>Education and Jobs</b>  "Invest in education & jobs"
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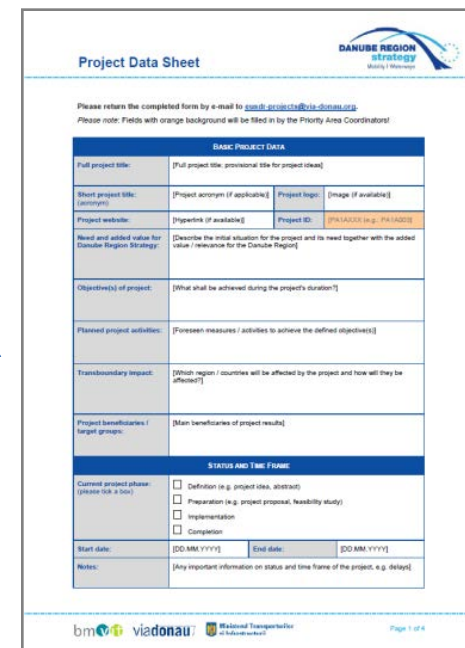
Status:  
27/04/2012

	Waterway Infrastructure	Waterway Management	Ports and Sustainable Transport	Fleet Modernisation	River Information Services	Education and Jobs	IWT Policies	TOTAL
<b>TOTAL</b>	<b>32</b>	<b>10</b>	<b>23</b>	<b>12</b>	<b>6</b>	<b>3</b>	<b>5</b>	<b>91</b>
<b>Definition</b>	5	2	6	2	0	1	0	<b>16</b>
<b>Preparation</b>	17	3	10	6	2	1	2	<b>41</b>
<b>Implementation</b>	10	3	7	2	3	1	3	<b>29</b>
<b>Completion</b>	0	2	0	2	1	0	0	<b>5</b>

- 91 projects received or identified by PACs 1a so far
- 16 projects are in their definition phase (project idea, abstract etc.)
- 41 projects are in preparation (proposal, feasibility study etc.)

## What happens with project ideas?


- Projects/project ideas can be **forwarded to PACs 1a** at any time: → [eusdr-projects@via-donau.org](mailto:eusdr-projects@via-donau.org) (project data sheet & project overview: [www.danube-navigation.eu](http://www.danube-navigation.eu))
- Project ideas are **evaluated** by the **Steering Group (SG)** (contents check due to defined criteria)
- In case of a positive evaluation, the project receives a **“Letter of Recommendation” (LoR)** by the **SG**
- (LoR does NOT automatically mean EU funding)
- **NEWS: 2014-2020 A DANUBEREGION FUNDING PROGRAMME** for Transnational Cooperation is currently in discussion (= SEE follow up)



**Project Data Sheet**

Please return the completed form by e-mail to [eusdr-projects@via-donau.org](mailto:eusdr-projects@via-donau.org)  
Please note: Fields with orange background will be filled in by the Priority Area Coordinators!

BASIC PROJECT DATA			
Full project title:	[Full project title, provisional title for project ideas]		
Short project title: (acronym):	[Project acronym (if applicable)]	Project logo:	[Image (if available)]
Project website:	[Website (if available)]	Project ID:	PA1A23 (e.g. PA1A23)
Need and added value for Danube Region Strategy:	[Describe the initial situation for the project and its need together with the added value / relevance for the Danube Region]		
Objectives of project:	[What shall be achieved during the project's duration?]		
Planned project activities:	[Foreseen measures / activities to achieve the defined objectives]		
Transboundary impact:	[Which region / countries will be affected by the project and how will they be affected?]		
Project beneficiaries / target groups:	[Main beneficiaries of project results]		
STATUS AND TIME FRAME			
Current project phase: (Please tick a box)	<input type="checkbox"/> Definition (e.g. project idea, abstract) <input type="checkbox"/> Preparation (e.g. project proposal, feasibility study) <input type="checkbox"/> Implementation <input type="checkbox"/> Completion		
Start date:	[DD.MM.YYYY]	End date:	[DD.MM.YYYY]
Notes:	[Any important information on status and time frame of the project, e.g. delays]		

bmvit viadonau  National Transportation Administration Page 1 of 4

## Overview of projects which have received a Letter of Recommendation by thematic action field:

### Comprehensive waterway management

- "It's Our Danube" – A floating campaign to increase awareness of aligning ecological and development interests
- Network of Danube Waterway Administrations - Data & User Orientation (NEWADA duo) – approved

### Ports & sustainable freight transport

- Green Danube Ports (GETUP)

## Overview of projects which have received a Letter of Recommendation by thematic action field:

### Fleet modernisation

- Convention for Waste Management for Inland Navigation on the Danube (CO-WANDA) – approved
- Development of a Next Generation European Inland Waterway Ship and Logistics System (NEWS) – approved
- Green Inland Fleet (GrinFleet)
- Pollutant emissions reduction of IWT ships on the Danube Corridor (IDA)

### Education & jobs

- Harmonized Inland Navigation Transport through Education and Information Technology (HINT) – approved

### Inland waterway transport policies

- Green Engineering for Challenges in Inland Navigation: The Danube Perspective (Green Chain)

## Regular update of PA 1a website:

[www.danube-navigation.eu](http://www.danube-navigation.eu)

- Current and continuous **information** about **ongoing activities** in PA 1a (news, events, meetings)
- **General information** about European Danube Region Strategy PA 1a
- **Documents** (agenda, presentations, lists of attendance, etc.)
- Overview on the **current status** of **projects / project ideas** related to PA 1a



## Stakeholder Conference 2012

The (First) Annual Stakeholder Conference on inland waterways in the Danube Region (PA 1a) was held in Bucharest, in the premises of Palace of Parliament, on May 24–25, 2012.



Main intention:  
Generation of a  
*“dialogue between the public and the private sector of the IWT along the Danube”*



## Stakeholder Conference 2012

- The Conference was addressed to a **broad spectrum of stakeholders** (e.g. the business environment, international industry associations, intergovernmental organizations, public authorities, NGOs etc.)
- On the first day representatives of the public IWT sector discussed solutions and problems in order to improve the IWT on the Danube. Additionally a **round table discussion with opinion leaders were organised.**
- On the second day the **Steering Group** presented each country's achievements including projects ongoing or under preparation and answered the questions from the auditorium.



<http://www.danube-navigation.eu/>



## 3rd Steering Group Meeting and Luxembourg Declaration

## 3<sup>rd</sup> Steering Group Meeting for PA1a of the EUSDR Bratislava, 3-4 May 2012




- In the first day the discussions were targeted to the effective waterway maintenance and measures that could be implemented by each country in order to avoid the negative effects of the low water periods.
- In the second day, discussions were focused on EUSDR projects proposed to receive a Letter of Recommendation, Roadmaps and contributions of the EUSDR States for the Action Plan (SEC 1489 (2010)) implementation.


## “Declaration concerning Effective waterway infrastructure maintenance on the Danube and its navigable tributaries”


- The transport ministers of the Danube riparian states met in Luxembourg and agreed on a declaration to avoid a repeat of last autumn's navigation standstills.
- The declaration reasserts existing obligations to maintain the fairway to a good standard and undertakes measures to tackle problems like low water or ice.
- The ministers of Austria, Bulgaria, Croatia, Germany, Moldova, Romania and Slovakia signed the declaration, while Serbia and BiH have sent letters of support.
- Hungary and Ukraine have not yet signed the declaration.

### **Declaration** on effective waterway infrastructure maintenance on the Danube and its navigable tributaries


Signatures


For the Republic of Austria  
  
**Minister Doris Bures**, Federal Ministry for Transport, Innovation and Technology


For the Republic of Bulgaria  
  
**Minister Ivaylo Moskovski**, Ministry of Transport, Information Technology and Communications


For the Republic of Croatia  
  
**Minister Sinisa Hajdaš Dončić**, Ministry of Maritime Affairs, Transport and Infrastructure

**Danube Ministers Meeting**  
**Luxembourg**  
**7 June 2012**


For the Federal Republic of Germany  
  
**Minister Peter Ramsauer**, Federal Ministry of Transport, Building and Urban Development

For Romania  
  
**State Secretary Valentin Preda**, Ministry of Transport and Infrastructure

For the Slovak Republic  
  
**Minister Ján Počiatek**, Ministry of Transport, Construction and Regional Development of the Slovak Republic

For the Republic of Moldova  
  
**Minister Anatol Salariu**, Ministry of Transport and Road Infrastructure

## “Declaration concerning Effective waterway infrastructure maintenance on the Danube and its navigable tributaries”

- The PA1a Coordinators, the JTS and the SG PA1 support the monitoring and implementation of the declaration’s objectives in the frame of their capabilities (  Questionnaire)
- Role of the PA1a Working Group:  
USE the working group on waterway management of priority area "Inland Waterways" of the Strategy as a sustainable dialogue platform between the waterway administrations, the Danube Commission and the relevant public and private stakeholders;

## Progress Report PA1a, 2012 and Road Maps for PA 1a

## Progress Report (2012) for PA1a

The Coordinators of the Danube Region Strategy's Priority Areas (PACs) submitted an Annual Progress Report to the DG for Regional Policy on the progress made regarding the implementation of the EUSDR Strategy.

For the PA1a the JTS drafted the Progress Report, which was approved by the members of the SG PA1a and sent to the EC in due time.

The Progress Report contains information on the realisation of the targets and actions set for PA 1a during the first year of its implementation.

**EUSDR Report June 2012**  
**Priority Area 1a**  
**To improve mobility and multimodality – Inland waterways**

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**ABBREVIATIONS USED**

EUSDR	Strategy of the European Union for the Danube Region
IWT	Inland waterway transport
PA 1a	Priority Area 1a "To improve mobility and multimodality: Inland waterways" of the EUSDR
PAC	Priority Area Coordinator
TEN-T	Trans-European Transport Networks

<http://www.danube-navigation.eu/>

## Progress Report (2012) for PA1a

The overall progress (first part of the PR) made is specified with regard to the following points:

- 1. State of play:** work done on policies, actions and projects; lessons learned; next steps and challenges ahead; most important outcomes
- 2. Process:** governance (PACs, Steering Group, stakeholders); changes in work/network approach resulting from the Strategy
- 3. Funding** opportunities and sources
- 4. Next steps:** recurrent and additional activities

**EUSDR Report June 2012**  
**Priority Area 1a**  
**To improve mobility and multimodality – Inland waterways**

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The second part of the **Progress Report** specifies the progress made by **thematic action field** to achieve the targets and to implement the actions of PA 1a. For this purpose, roadmaps have been established.

## 6 "Road Maps"

1. Waterway infrastructure (2 actions)
2. Waterway management
3. Ports & sustainable freight transport (2 actions)
4. Fleet modernisation
5. River Information Services
6. Education & jobs

In addition two horizontal resp. political "Road Maps": National IWT Policies (7.) and Revision of Belgrade Convention (8.) → Discussed in SG

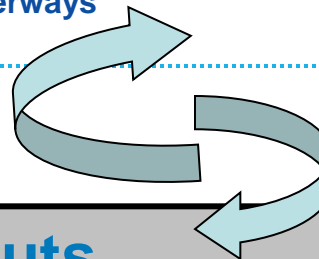
## ROAD MAP describes

- **milestones related to activities**
- **the responsible and involved organisations**
- **the timeframe of implementation**
- **tasks (sub-activities)**
- **the expected output / results**

## Relevant Actors

- ✓ **European Commission (Regional Policy, Mobility and Transport, Environment)**
- ✓ **United Nations Economic Commission for Europe (UNECE)**
- ✓ **14 Danube region countries**
- ✓ **River commissions (Danube Commission, International Sava River Basin Commission, ICPDR)**
- ✓ **Industry (e.g. shipping industry, navigation companies, port operators)**
- ✓ **Non-governmental organisations (NGOs)**
- ✓ **Financing Institutions (e.g. EIB, EBRD)**
- ✓ **etc.**

### RECURRENT Activities in PA 1a




Milestones	Outputs
Project identification	Online project data base
Project assessment	Project list
Letter of Recommendation for projects	Signed “Letters of Recommendation”
Support of the Decision-Making Board (Steering Committee)	Regular information to Steering Group
Communication and Dissemination	Website and Intranet
Organisation of Meetings	Plan, organisation and documentation of meetings


## Example

Milestone / Activity	Project identification
Organisation resp.	PAC 1a
Organisation inv.	PAC 1a, Steering Group, Working Groups, Project Lead Partners
Timeframe	Recurrent (initial: May 2012)
Tasks	<ul style="list-style-type: none"><li>• Continuous identification of relevant projects and their status (project ideas, under preparation, ongoing)</li><li>• Evaluation, editing and completion of received data in standardised project data sheets</li><li>• Coordination with Project Lead Partners</li></ul>
Output / Results	Online project data base

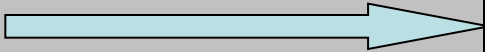
## SPECIFIC Activities: Waterway Management

Milestones 	Outputs
Status Quo of waterway infrastructure and improvement activities	<b><u>Status Quo analysis</u></b> of waterway infrastructure & related improvement activities for waterway maintenance
High-Level meeting between EC and Danube Region countries	Results of High-Level meeting and related <b><u>commitments</u></b>
Develop National Strategy Plans on Waterway Management	National <b><u>Strategy Plans</u></b> on Waterway Management
Implement National Strategy Plans on Waterway Management	Continuous <b><u>national reports</u></b> on implementation status of Strategy Plan on Waterway Management (via SG meetings)

## SPECIFIC Activities: Ports and sustainable freight transport

Milestones 	Outputs
Online promotion and information tools	<u>Updated information</u> on ports
Port benchmarks	<u>Study for defining</u> Port benchmarks
Disseminate good practices on ports in the Danube region	<u>Acknowledge stakeholders</u> on ports good practices

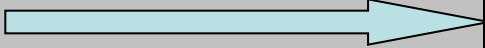
## SPECIFIC Activities: Fleet Modernisation → Activity: Implementation of Innovative Danube Vessel Project

Milestones 	Outputs
Development of Specifications	List of <b><u>specifications</u></b> and procurement documents
Tendering procedure	Awarding of a <b><u>bidder consortium</u></b>
Steering Committee for the study "Innovative Danube Vessel"	Steering Committee <b><u>Meetings</u></b>
Draft version	Final <b><u>draft version</u></b> of the study "Innovative Danube Vessel"
Validation	<b><u>Final study</u></b> "Innovative Danube Vessel"
Dissemination	Dissemination documents, <b><u>informed stakeholders</u></b> and decision makers



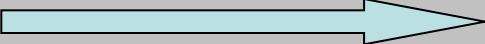
## SPECIFIC Activities: River Information Services data exchange →

**Activity:** Support the legal provision for the international exchange of RIS data

<b>Milestones</b> 	<b>Outputs</b>
Encourage national RIS authorities to adapt national law	<b><u>Legal basis</u></b> for RIS data exchange set up on national level
Approach DG Move to support international RIS data exchange	DG MOVE confirms willingness to the <b><u>extend RIS Directive</u></b>

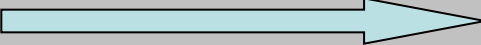
## SPECIFIC Activities: Harmonisation in education and certification

→ **Activity:** Support the information and participation of Danube Region in the European process of modernisation and harmonisation of education and certification in inland navigation

Milestones 	Outputs
Status Quo Report	Short report on <u>status quo</u> to Steering Group, incl. feedback
Identification of national stakeholder	<u>List of national stakeholders</u>
Regular information of steering group	<u>Information to Steering Group</u>
Promoting the STCIN	<u>Information brochure</u> on STCIN

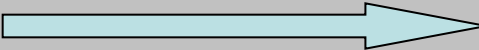
## **SPECIFIC Activities:** IWT Policy – Administrative Barriers →

**Activity:** Support project development for the next SEE call "Reducing administrative barriers for IWT along the Danube"

<b>Milestones</b> 	<b>Outputs</b>
Working Group	<u>List</u> of attendees
SWOT Analysis	<u>SWOT analysis</u> , list of experts
Stakeholders	Proposal of possible <u>Lead and Project Partners</u>
Workshops	Workshops and <u>work structure plan</u>
Letter of Recommendation	Lobbying and <u>Letter of recommendation</u>

## **SPECIFIC Activities:** IWT Policy – Administrative Barriers →

**Activity:** Inter-ministerial committee to be set up between the neighbouring countries

<b>Milestones</b> 	<b>Outputs</b>
Identify interventions	<b><u>List of projects</u></b> ; inter-ministerial <b><u>committee</u></b> ;
Identify the funding	<b>Accelerate</b> /facilitate the implementation of <b><u>projects</u></b>
Prepare the project and identify the lots	Projects prepared <b><u>for financing</u></b>
Implementation of projects	<b><u>Better conditions</u></b> for navigation, modernized port infrastructure, intermodal transport, surrounding infrastructure and developed information systems

## Flagship Project Innovative Danube Vessel

## Preparation of EUSDR "flagship project": Innovative Danube Vessel

- Study commissioned by PAC 1a (via donau) on behalf of DG REGIO
- Overall objective: **Elaboration and development of innovative vessel and technology solutions** with high potential for implementation on the Danube
- Analysis of **solutions derived from existing R&D projects** with respect to their potential for implementation and further development in the Danube region
- **Provision of recommendations for further technology development** within the framework of the Danube Region Strategy
- Project duration: 18 months (until end of 2013)



Figure 3.2: Main engine with complete installation.

Figure 3.3: Exhaust output section.



Figure 3.4: Urea injection and PM filter burner.

Figure 3.5: Urea tank in the aft ship.

## Innovative Danube Vessel

via donau has commissioned a consortium of inland waterway shipping experts to elaborate guidelines and recommendations for the INNOVATIVE DANUBE VESSEL.



“**INNOVATIVE**” is understood in this case to be “**BETTER** than the existing fleet”, both in terms of



1. ENERGY EFFICIENCY and
2. COST EFFICIENCY.



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MAŠINSKI  
FAKULTET

UNIVERSITY OF  
BELGRADE  
FACULTY OF  
MECHANICAL ENGINEERING

# Innovative Danube Vessel

- The identification and selection of promising technical and operational solutions will be based on **performance indicators** reflecting economic efficiency and environmental performance.
- The assessment of the proposed solutions will deliver **costs-benefit assumptions**, **ranking** of impact, **clustering** into short-, mid-, and long-term perspectives, and the **description** of necessary legal and market framework.



## Innovative Danube Vessel

- The assessment of technologies and of vessel concepts will involve **experts from vessel operators** in order to ensure high practicability of the proposed solutions as well as further market acceptance.
- The results of the study shall enable **vessel operators** to invest into improved vessels in order to gain in efficiency and to reduce adverse environmental impact of navigation to a minimum

## Innovative Danube Vessel

The **benefit of innovative ships** compared to the existing fleet will become evident by

- advantages in cost and performance
- Reduced environmental impact
- Stimulation for the modernisation of the Danube fleet
- European added value

The project started work in July 2012 and will deliver results in December 2013.