

# Ministry of the Sea, Transport and Infrastructure

## Directorate for Inland Navigation

REPUBLIKA HRVATSKA

Ministarstvo mora, prometa i infrastrukture | Uprava unutarnje plovidbe  
Prisavije 14, 10000 Zagreb, e-mail: info@mppi.hr, tel. 01 6169 111



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# Structure of Directorate for Navigation

- Legal, International and EU Affairs Section
- Economy and Navigation Sector
- Waterways Sector (ex Agency for inland navigation)
- Port Authorities (Vukovar, Osijek, Slavonski Brod)



# Role of Inland Navigation

→ proposes a policy for the development of inland water traffic

→ ensures implementation of the established policies and enforces laws and regulations in the field of river transport, shipping, inland water ports and waterways, transport and navigation



# Mission

→ developed, safe, environmentally friendly and modern inland waterway transport and communication system in national and trans-european transport network

→ full integration into the network of major international routes → *best use of the traffic and geographical position* → meeting of the needs of freight and passenger transport on inland waterways



# General aims

- Development of Strategic investment programs and infrastructure projects for the Republic of Croatia
- Creating conditions for connecting all regions traffic-wise
- Quality legal framework ensuring it's implementation related to sustainable development of inland waterways and ports taking into account the environmental protection policy
- Modernization of inland navigation fleet
- Strengthening the competitiveness of inland navigation
- Raising the level of navigation safety and environmental protection

# Our main goals:

→ Sustainable development of Inland Navigation System

→ Successful inclusion in Intermodal logistics chains



# Activities

→ Rehabilitation of inland waterways for freight transport to the class defined by the European Agreement on the Major Inland Waterways of International Level (**AGN**)

→ De minimis aids for shipowners

→ Regular maintenance and marking of the waterway



# Inland waterway system development

## Priority projects

- Improvement of **navigability of the Danube, Sava, Drava, Kupa and Una rivers**
- **Modernization of inland waterway ports of Vukovar, Slavonski Brod, Osijek and Sisak**
- **Digitalization of the transport system**
- **Strategic documentation for ports and inland waterway development**
- **Programme for reconstruction and modernization of the inland navigation fleet**



# Improvement of the Danube River navigability

→ "Regulation of the Danube waterway **at Sotin**" from rkm 1,321 to 1,323 (OPCC), dealing with the critical part of the international waterway (Class VI.c according to AGN) → ***finishing stage***

→ "**Construction of the ship winter shelter in Opatovac**" at rkm 1,314 (OPCC), complying with the international obligation to protect all vessels in transit (ice shelter) → ***finishing stage***

→ „Fairway Rehabilitation and Maintenance Master Plan of the Danube and its navigable tributaries" (CEF) - part of the TEN-T Rhine-Danube Corridor Work Plan

# Improvement of the Sava River navigability

→ „Preparation of EIA Study and Design Documentation for river Sava for IW section” - for removing main critical parts on the Sava River waterway from rkm 329 to 315 and rkm 312 + 200 to 300 (section Jaruge - Novi Grad) are co-financed by the CEF

→ Feasibility Study and Environmental Impact Study for rehabilitation and improvement of the Sava River waterway from Račinovci to Sisak and from Jasenovac to Sisak (OPCC)

## Improvement of the Drava River navigability

→ "Feasibility Study and Environmental Impact Study for the waterway rehabilitation and improvement from the river mouth to Osijek" (OPCC)

### Feasibility study

→ for construction of the Danube-Sava multipurpose canal (length 61.5 km; V.b class according to AGN)

### Modernization of the Waterway Marking System (OPCC)

→ Purchase of equipment (buoys with AIS system) and two vessels for marking and monitoring of river and dock conditions



# Terminal and dock construction

→ Slavonski Brod Port infrastructure construction and upgrading (3rd CEF call) → *public procurement finished* (financed from EU funds)

→ Construction of the „Bulk Cargo terminal Osijek” (OPCC) → *offer evaluation*

→ Construction of the *The Island of Sports* municipal dock in Vukovar (project documentation and works on the coast and the floating dock)

→ Municipal port *Marina* in Vukovar (floating dock for 140 vessels)



# Dock construction and expansion

- Construction of the municipal dock in Batina (cross-border cooperation with Hungary)
- Construction of the municipal dock in Sisak (phase II ongoing)
- Construction of passenger ports in Osijek, Sisak and Slavonski Brod; Vukovar (extension) and Vučedol - within the Archaeological Park
- Construction of sporting docks Nemetin, Lower Town of Osijek, Labov Nard, Pitomača, Gola and Šoderica

# Modernization of infrastructure in inland waterway ports

→ Construction and improvement of infrastructure in the port of Slavonski Brod (4th and 5th berth with manipulative floating dock, roads, railway lines etc.) → *public procurement finished*

→ Construction of the southern shore in the port area of Osijek (a closed port pool in the length of 900 m for the waterway freight load) → *project documentation is ready*

## Digitalization of the transport system in inland port authorities

→ Designing a Study for the digitalization of the transport system in inland port authorities

→ all services offered by the system to end users as:

- Information on the waterway
- Traffic management
- Accident prevention
- Information for transport logistics
- Information for monitoring implementation
- Statistical and statistical data services
- Insights and cost planning

# Development of River Information Services

→ Ordinance on River Information Services (RIS) in inland navigation complies with the Directive 2005/44/EC on RIS on inland waterways in the Community & Regulation 2007/414 / EC laying down technical guidelines for the planning, deployment and operational use of RIS

→ Development of the Waterway marking system of the Republic of Croatia" – upgrading of the existing RIS software and acquisition of new navigational tags with a built-in navigation system and solar lamps (AIS AtoN) and depth sensors





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# Upgrading River Information Services

→ Multinational project "RIS - COMEX" - Application of River Information Services in the management of corridors (CEF 2015-EU-TM-0038-W) - purchase of communication equipment for functional improvement of base stations on the Danube River

→ Complete renovation of the AIS base stations and AIS base station control units on the Danube River



# Thank you for your attention

**Lana Deraković-Rakas**

**Senior Advisor on International and EU affairs**

**[ana.derakovicrakas@mppi.hr](mailto:ana.derakovicrakas@mppi.hr)**

*For any other information, you are welcome to send me an e-mail*

