



# Status report Slovakia

**Stefan Polhorsky, DISC 2017, Ruse-BG, 5.12.2017**



# Agenda

- Projects under preparation & implementation on SVP Branch Bratislava
  - CEF
  - DTP 2014-2020
  - INTERREG V-A
  - National projects – Operational Programme of Quality of Environment
- Measurement, Maintenance on Danube, IENC
- Status of RIS in Slovakia





## Projects – CEF

### **FAIRway (1<sup>st</sup> call)**

- Rehabilitation activities
- Purchasing of the new multi-operational vessel, multi-beam measuring vessel & Pilot operations on Danube stretch
- WAMS & WAMOS implementation (common & national) – cooperation with other projects

### **Rehabilitation of Lock Gabčíkovo (2<sup>nd</sup> call)**

- Rehabilitation of locks of Gabčíkovo
- Realisation study → specification of all components of the infrastructure
- Works → until end 2020



## Projects – CEF

### RIS COMEX (2<sup>nd</sup> call)

- Improvement of the existing system
- Implementation of new services

### DaReM (3<sup>rd</sup> call)

- Rehabilitation dredging – stretch Hrusov reservoir until rkm 1868
- Final design
  - Final design for future rehabilitation dredging intervention
  - Study on the future use of excavated materials
- Definition of the devices, place of rehabilitation dredging
- Yearly evaluation & Work plan for next years



# Projects – DTP

## DANUBE STREAM

- Starting on 1/2017 → until 6/2019
- Follow-up of D4D, DANewBA Data, NEWADA & NEWADA duo projects
- D4D infrastructure
  - D4D infrastructure upgrade
  - Atlas of Berths (entire stretch), Berths occupation tool implementation
  - Paper charts update (entire stretch)
- IENC with depth information (all critical sections)
- FIS Portal upgrade
- Ecology & Environment, Marking plans implementation, etc.



# Projects – INTERREG & National

## INTERREG V-A Operation Programme

- Cooperation with neighbouring countries (AT, HU, etc.)

## Operational Programme of Quality of Environment 2014 – 2020

- Flood protection projects
- Fish migration projects



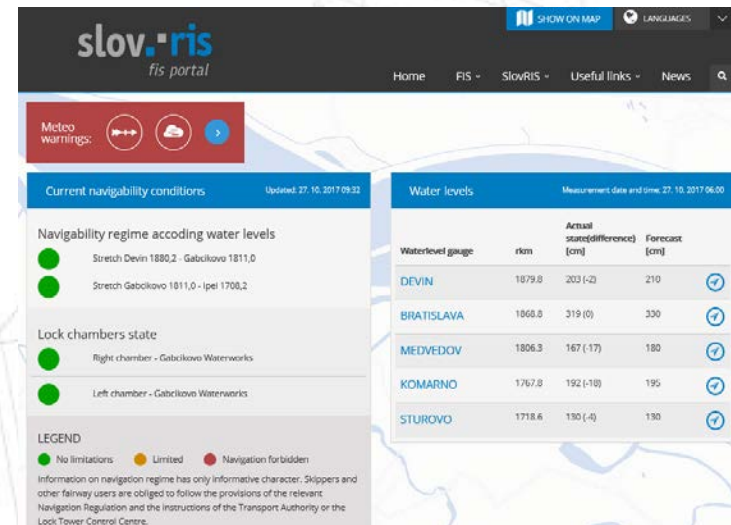
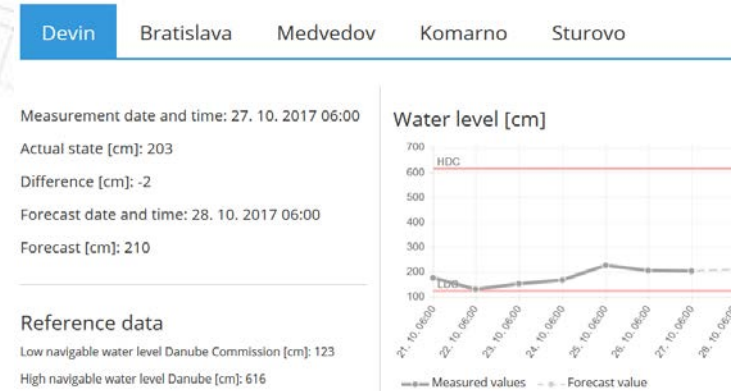
# Measurement & maintenance on Danube, IENC

- **Riverbed measurements**
  - Common stretches SK-HU, SK-AT, National SK stretch
  - Extra critical sections measurement
  - Reservoir Hrusov, inflow & outflow canal of Gabčíkovo
- **Maintenance on Danube**
  - Marking of the fairway – on weekly basis
  - Dredging activities
  - IENC in IE 2.3 with depth information
- **IENC**
  - IENC in IE 2.3 with depth information (entire stretch) from latest measurements

## Fairway Information

- Notices to Skippers (NtS 3.0 – version 4.0 available soon: [nts.slovrisk.sk](http://nts.slovrisk.sk)
  - (FTM, WRM, ICEM, WERM)
- Object reference data
- Inland ENC's (IE 2.3): [www.svp.sk](http://www.svp.sk)
- New SK FIS portal (full operation in 2018)
  - shallow sections
  - lock status
  - waterway status (based on WRM)
  - weather warnings
  - map view
- Web: [www.slovrisk.sk](http://www.slovrisk.sk)
- Mobile app (Android, iOS)

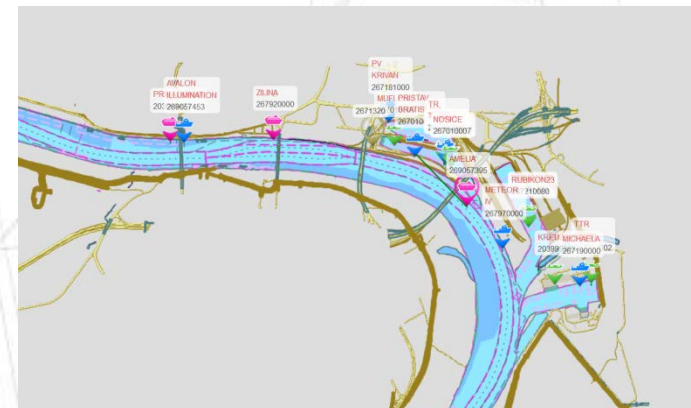
# RIS – SK status





## Traffic Information

- real-time traffic image from Inland AIS
- web application or standalone AIS viewer
- Users:
  - captaincies of Transport Authority
  - Gabčíkovo lock operator
  - Public Ports
    - (in public ports only)
  - potentially fleet operators
    - (own vessels only)



# RIS – SK status

## Electronic Reporting

- ERINOT and ERIRSP messages
- No mandatory electronic reporting yet
- Web application
- BICS supported
- Cross – border exchange with Austria
- Users:
  - Captaincies of Transport Authorities
  - Public Ports (only voyages from/to public ports)

ERINOT - ERI notification (new) : Draft

**VOYAGE INFORMATION**

Origin \*  ETD \*  Persons \*

Destination \*  ETA  Passengers \*

Voyage no  Voyage

**MAIN VESSEL AND CONVOY DETAILS**

Main Vessel \*

Vessel/convoy type  Length (cm)

**BARGES IN CONVOY**

+ Add barge to convoy

Craft	Pos	Propulsion	Draught (c)	Air Draught	Le

**CARGO DETAILS - GOODS INFORMATION**

Add non dangerous (HS) good cargo  Add dangerous (ADN) good cargo

[More](#)

# RIS – SK status

## Future

- New maintenance contract (11/2017)
- Extension of ERI usage

## RIS COMEX project



- implementation



### Slovak Water Management Enterprise

- waterway and object data for RIS



- financing/project beneficiary



- operation and administration



### Slovak Hydrometeorological Institute

- hydro – meteorological data for RIS



**Thank you for your kind attention**

**[stefan.polhorsky@svp.sk](mailto:stefan.polhorsky@svp.sk)**