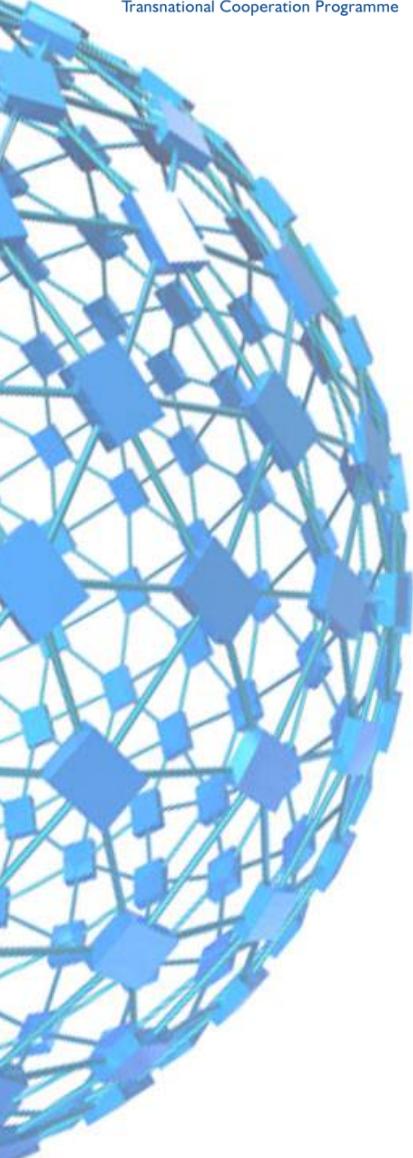




Programme co-funded by the  
EUROPEAN UNION



# **NEWADA**

## **introduction and status**

**Gergely Mező, RSOE**  
**Venice , 16th November 2011**



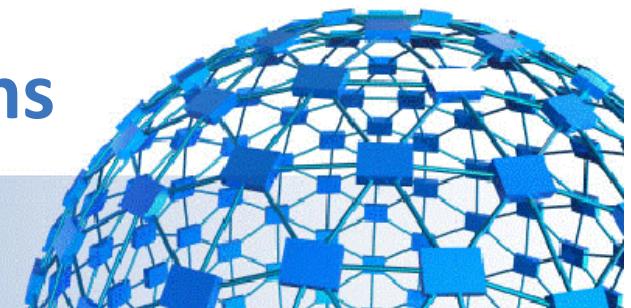
**SOUTH EAST  
EUROPE**  
Transnational Cooperation Programme

#NEWADA



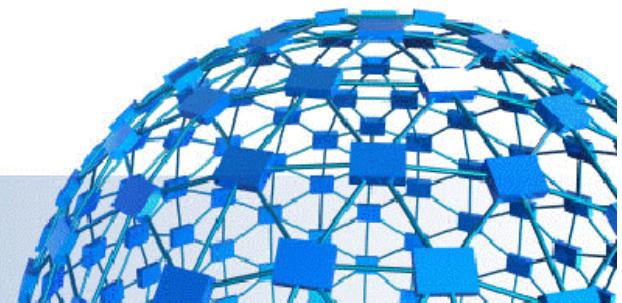
# Network of Danube Waterway Administrations

Jointly for our common future



# Objectives

- Increasing the efficiency of the Danube as European Transport Corridor VII
- Intensifying cooperation between waterway administrations in the areas of
  - ✓ Waterway maintenance & GIS Data Management
  - ✓ Hydrography & Hydrology
  - ✓ Organizational development

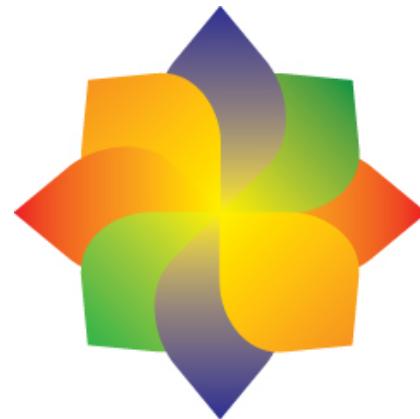


# Co-funding programme

**NEWADA is implemented  
in the framework of:**

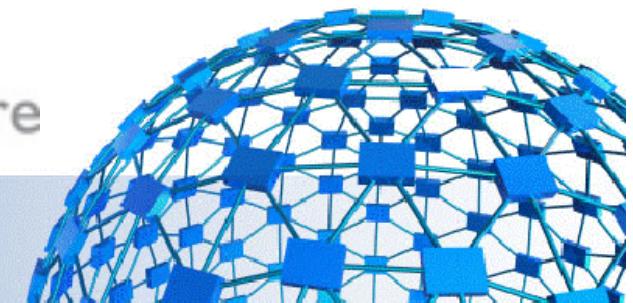


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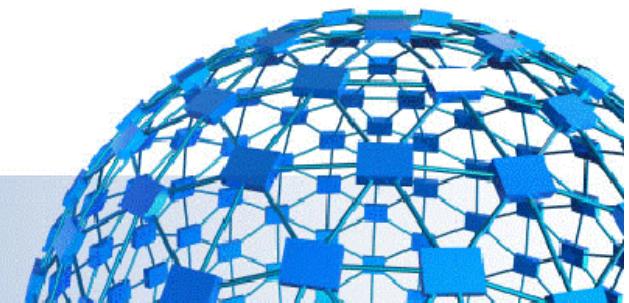
**SOUTH EAST  
EUROPE**  
Transnational Cooperation Programme

Jointly for our common future



## Key Project Data

- Project Start **April 2009**
- Project duration **until March 2012**
- Project partners **12 from 8 countries**
- Observers **10**
- Total project budget **€ 2,8 Mio.**



# Work packages

## WP1 (via donau) Project Management

## WP2 (RSOE) Dissemination



### WP3 (SVP)

Hydrography  
and  
Hydrology

### WP4 (AFDJ)

Accessibility  
of waterway  
infrastructure

### WP5 (RSOE)

ICT networks  
and  
services

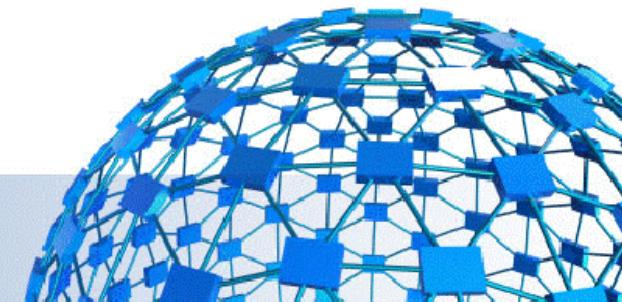
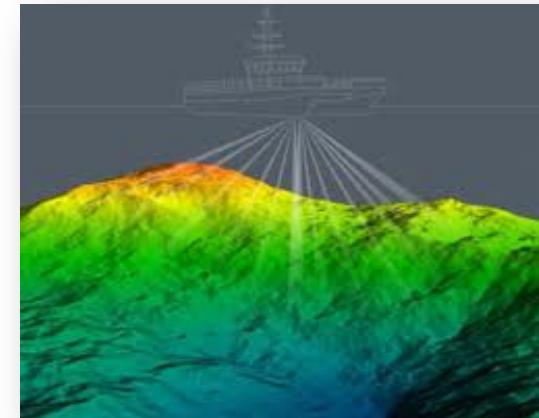
### WP6 (VIA)

Strategical  
cooperation &  
communi-  
cation

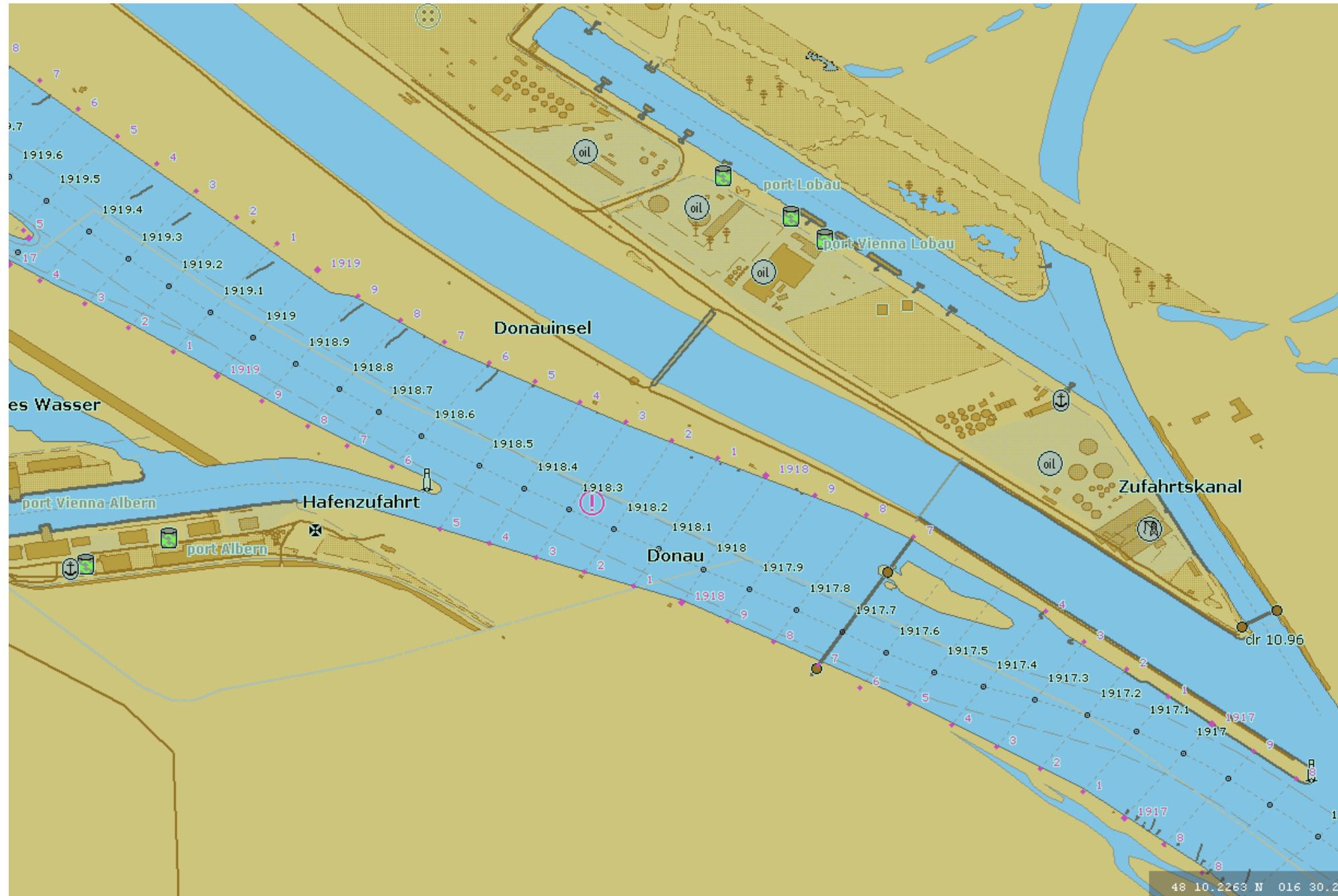


# Hydrography, hydrology & waterway maintenance

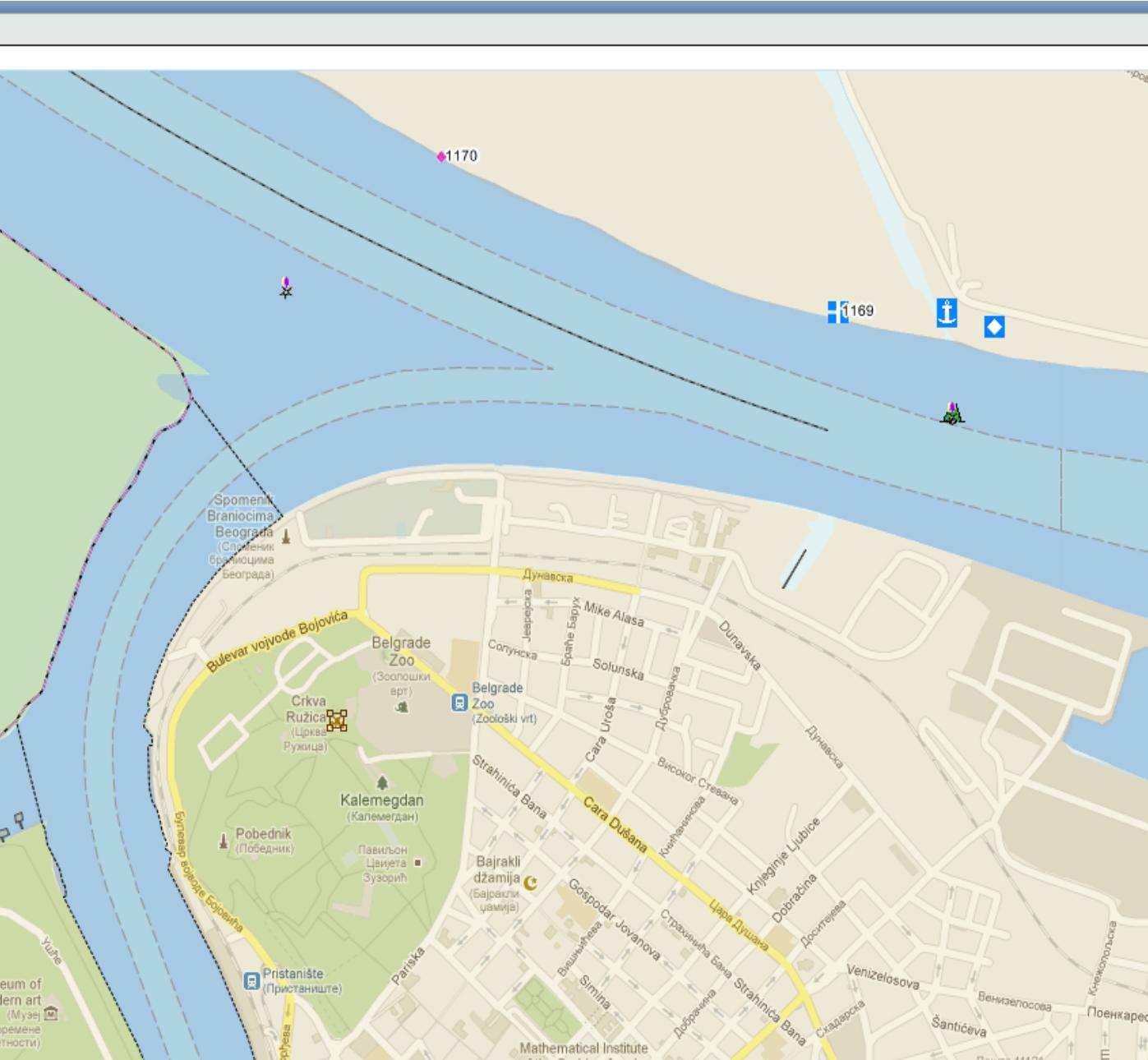
- Aim of NEWADA:
  - get to know each other
  - status quo report
  - Expert exchange
  - definition of future perspectives
  
- Future tasks - development of selected activities
  - water level forecast
  - integrated waterway maintenance, performance indicators



# ENC (Electronic Navigational Chart)



# Webportal (d4d-portal.info)

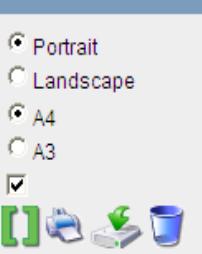


The map displays the city of Belgrade with the Danube river flowing through it. A yellow line highlights a specific route or path through the city center, passing through various landmarks and streets.

Print

Orientation  Portrait  Landscape

Format  A4  A3

Overview 

Go to kilometer - beta

River  

Kilometer   keep zoom level  
no data found

Go to location - beta

Name  

keep zoom level  
no data found

Search

Search by click 

keep zoom level  
no data found

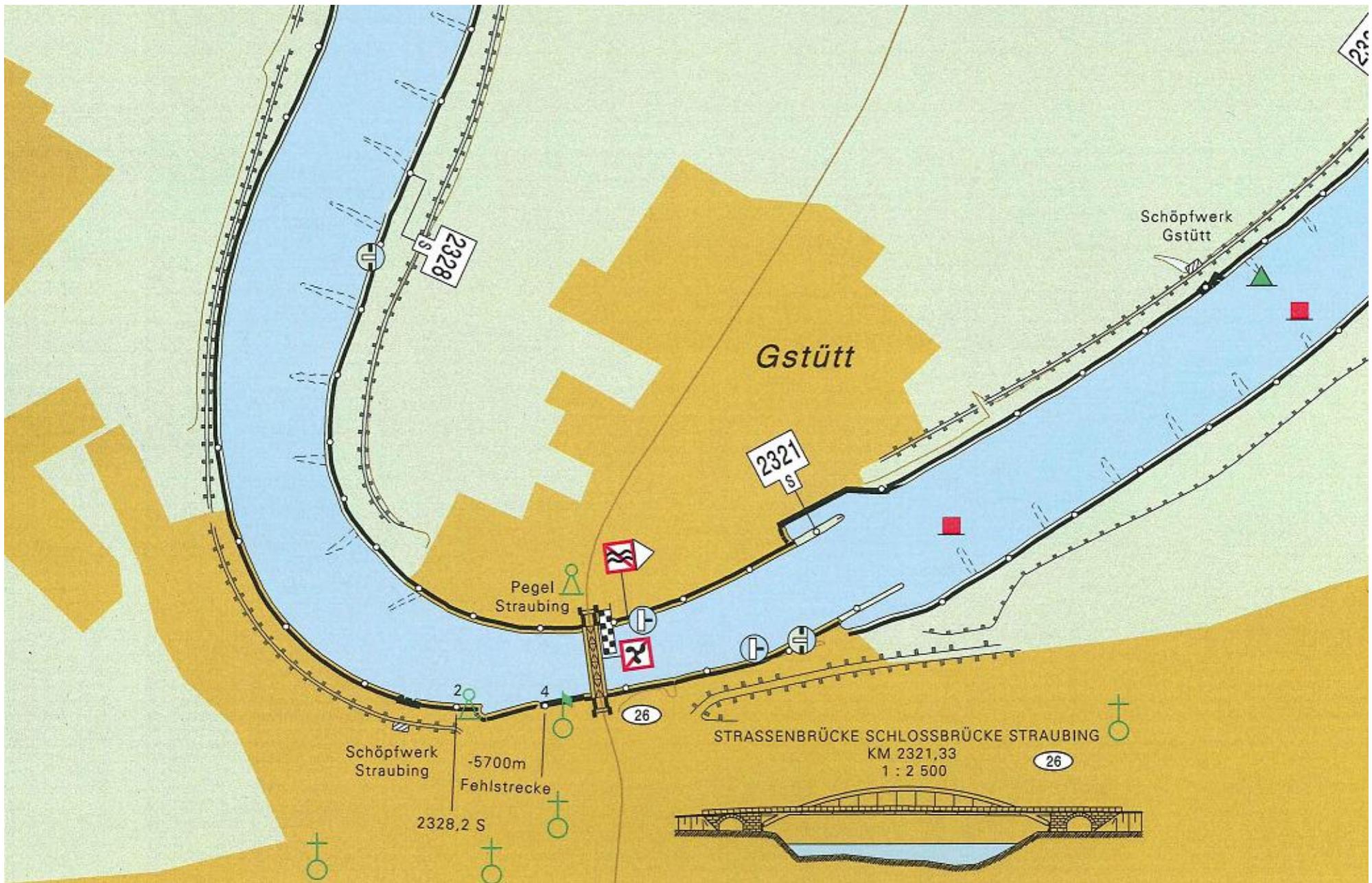
Map functions

Google Maps  none -  Map  Satellite  Terrain

Label 

D4D Responsibility

# Concept on paper navigational charts



# NEWADA DANUBE FIS PORTAL

EN : DE : SK : HU : HR : RS : RO : BG : UA



Water level information and ice messages



Notices to Skippers



Feedback

Connection Status



Waterway objects



Navigational charts



Authorities



Waste management



Static shallow section information



Water level information

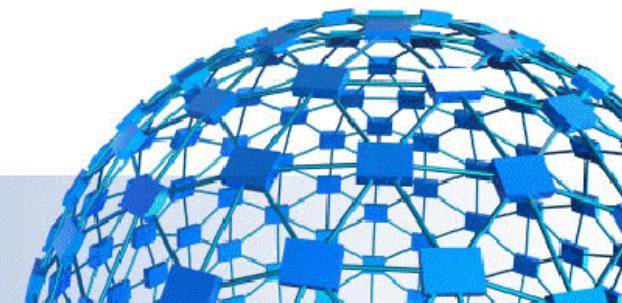


Ice messages

Tide gauge	Danube km	Date and Time of status	Actual water level data	LDC Low water lev	HDC High water lev	
+ Pegelstelle Achleiten	2223,1	2011.11.09.	258		28804	
+ Pegelstelle Wilhering	2144,3	2011.11.09.	260		24912	
+ Pegelstelle Mauthausen	2110,9	2011.11.09.	431		23598	
+ Pegelstelle Grein	2079,1	2011.11.09.	716		21943	
+ Pegelstelle Kienstock	2015,2	2011.11.09.	189		19400	
+ Pegelstelle Korneuburg	1941,5	2011.11.09.	207		15987	
+ Pegelstelle Wildungsmauer	1894,7	2011.11.07.	142		13948	
+ Vodomerna stanica Devin	1879,8	2011.11.07.	117	120	613	
+ Vodomerna stanica Bratislava	1868,8	N/A		233	643	
+ Vízmérce Dunaremete	1825,5	N/A				
+ Vodomerna stanica Medvedov	1806,3	N/A		100	549	
+ Vízmérce Nagybajcs	1801,0	N/A				

Picture(s)	Name	Fairway	Danube	LDC	HDC
	Dunaújvárosi híd	Duna	1572,0		
	Dunaföldvári híd	Duna	1560,5		
	Szekszárdi híd	Duna	1498,8		
	Bajai híd	Duna	1480,2		
	Drumski most Bezdan - Batina	Danube	1424,5		

[Navigation icons] 13 / 16 [Navigation icons] [61 - 65 / 79]





Search

Fairway:  Name:  Country: 

0

Section:  - 

## Result list

	Picture(s)	Name of lock	Net dimensions	Fairway	Danube rk	Number of Chars	Max. heading
		Aschach		Duna	2162,8	2	
		Ottensheim		Duna	2147,1	2	
		Abwinden/Asten		Duna	2119,7	2	
		Wallsee		Duna	2095,6	2	
		Persenbeug/Ybbs		Duna	2060,3	2	



Water level information and ice messages



Notices to Skippers



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Waste management



Static shallow section information

## Authorities

### All Danube Responsible Authorities

	Country	
[+]	Austria	
[+]	Slovakia	
	Authority type	Name
[+]	Water Police	Policia - Oddelenie riečnej polície
	Description, main responsibilities:	Police - River Police Department
	Central address, phone, fax, email, website:	Denisa Baloghova,Racianska 45 812 72 Bratislava,+421 9610 50029,+421 9610 59067, <a href="http://www.minv.sk/?policia,denisa.baloghova@minv.sk">http://www.minv.sk/?policia,denisa.baloghova@minv.sk</a>
[+]	Waterway Maintenance	Slovensky vodohospodarsky podnik Banska Stiavnica
[+]	Border Police	Policia - Hranicna a cudzinecka policia
[+]	Customs	Colny urad Bratislava

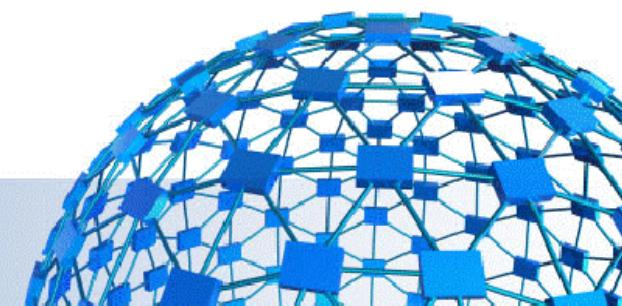
## Static Bottleneck Information

DRLWL format  Gauge related format

Fairway	Shallow section	Section	Depth of shallow	Measured at	
Duna	Furt Schwallenbach	2022,5-2022,0	23	2011.07.07.	<a href="#">Furt Schwallenbach.pdf</a>
Duna	Furt Hofarnsdorf	2019,0-2018,5	24	2011.07.07.	<a href="#">Furt Hofarnsdorf.pdf</a>
Duna	Furt Weissenkirchen	2014,0-2013,5	22	2011.07.07.	<a href="#">Furt Weissenkirchen.pdf</a>
Duna	Haufenrand Dürnstein rechts	2010,2-2008,9	18	2011.07.07.	<a href="#">Haufenrand Duernstein.pdf</a>
Danube	Patkó-sziget	1808,0-1807,5	28	2008.01.09.	
Danube	Medve	1806,2-1806,0	28	2008.01.09.	
Danube	Szögye	1800,4-1800,1		2008.01.09.	
Danube	Csicsó	1796,7-1794,8	20	2008.01.09.	
Danube	Gönyű I.	1792,1-1791,8	25	2008.01.09.	
Danube	Gönyű I.	1792,1-1791,8	29	2008.01.09.	
Danube	Gönyű II.	1791,1-1790,8	27	2008.01.09.	
Danube	Komárom	1764,3-1764,0	26	2008.01.09.	
Danube	Almásfüzítő	1757,1-1756,7	26	2008.01.09.	
Danube	Karva	1740,1-1739,7	20	2008.01.09.	

[◀◀ | 1 / 5 | ▶▶]

[ 1 - 14 / 61 ]



## Static Bottleneck Information

DRLWL format  Gauge related format

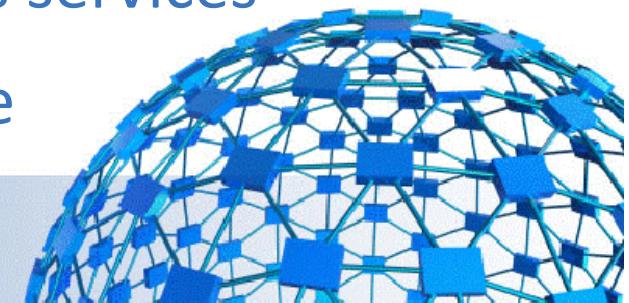
Fairway	Shallow section	Section	Position	Gauge	Condition gaug	Width	Lengt	Relati	Year	Mo	Day
Duna	Furt Schwallenbach	2022,5-2022,0	N/A	Pegelstelle Kienstock			500	23	2011	7	8
Duna	Furt Hofarnsdorf	2019,0-2018,5	N/A	Pegelstelle Kienstock			500	24	2011	7	8
Duna	Furt Weissenkirchen	2014,0-2013,5	N/A	Pegelstelle Kienstock			500	22	2011	7	8
Duna	Haufenrand Dürnstein rechts	2010,2-2008,9	N/A	Pegelstelle Kienstock			1300	18	2011	7	8
Danube	Patkó-sziget	1808,0-1807,5	N/A	Vízmérce Gönyű	40	100	500	28	2008	1	
Danube	Medve	1806,2-1806,0	N/A	Vízmérce Gönyű		120	200	28	2008	1	
Danube	Szőgye	1800,4-1800,1	N/A	Vízmérce Gönyű		100	300		2008	1	
Danube	Csicsó	1796,7-1794,8	N/A	Vízmérce Gönyű	130	75	1900	20	2008	1	
Danube	Gönyű I.	1792,1-1791,8	N/A	Vízmérce Gönyű		120	300	25	2008	1	
Danube	Gönyű I.	1792,1-1791,8	N/A	Vízmérce Gönyű		60	300	29	2008	1	
Danube	Gönyű II.	1791,1-1790,8	N/A	Vízmérce Gönyű		120	300	27	2008	1	
Danube	Komárom	1764,3-1764,0	N/A	Vízmérce Gönyű		150	300	26	2008	1	
Danube	Almásfüzítő	1757,1-1756,7	N/A	Vízmérce Gönyű		150	400	26	2008	1	
Danube	Karva	1740,1-1739,7	N/A	Vízmérce Esztergom		150	400	20	2008	1	

# NEWADA WLAN sites

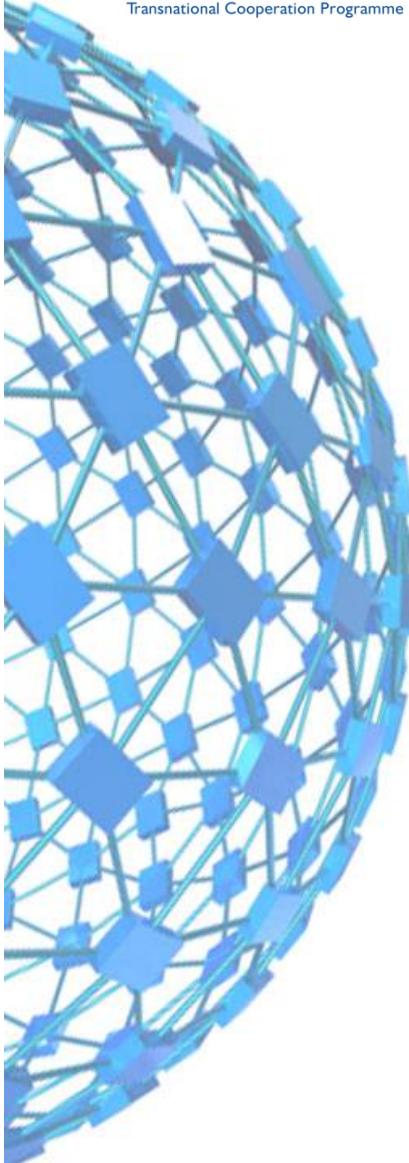


## Links to other projects, expert groups, organisations:

- WP3 hydrography&hydrology – IRIS2 water level model
- WP4 waterway maintenance – waterway infrastructure projects, PLATINA WP5 infrastructure
- Act.5.2 ENC harmonisation and Act.5.3 D4D GIS services – inland ECDIS EG, IEHG, Danube Commission (paper charts concept etc.)
- Act.5.4 Danube FIS Portal – IRIS2 FIS, NtS EG, Danube Commission, PLATINA ris.eu
- Act.5.5 WLAN – IRIS2 SuAc.1.4 Wireless services
- Act.6.2 PR issues – PLATINA WP4 Image







Programme co-funded by the  
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# Thank you for your attention!

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[gergely.mezo@rsoe.hu](mailto:gergely.mezo@rsoe.hu)

