

**DC Technical Workshop
Work Package 5 –
User services based on ICT**

Budapest, 14/04/2015 - Gergely Mező / RSOE



Topics of presentations



Act.5.1 Services based on WLAN



Act.5.2 Personalized FIS Portal

FIS PORTAL

Act.5.3 Pilot for Aids to Navigation



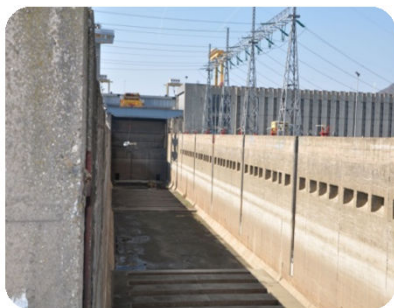
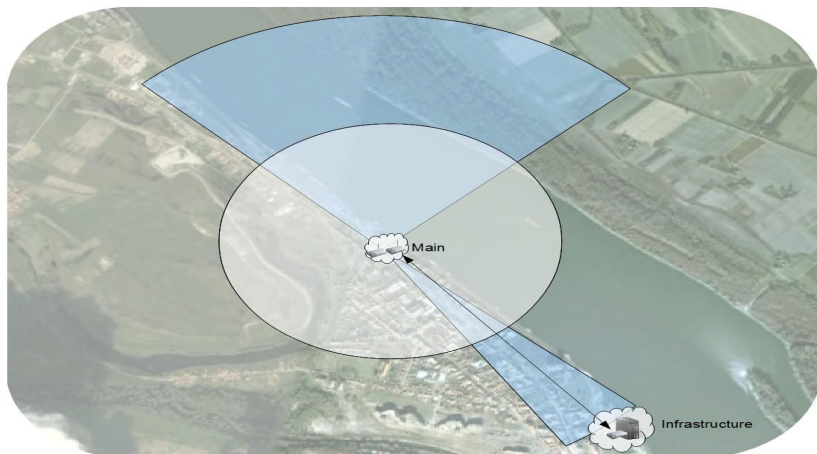
WP5

NEWADA Danube hotspots



WP5

WLAN hotspots



NEWADA
duo

Topics of presentations



Act.5.1 Services based on WLAN



Act.5.2 Personalized FIS Portal

FIS PORTAL

Act.5.3 Pilot for Aids to Navigation



WP5

Act.5.2 FIS Portal



The screenshot displays the 'DANUBE FIS PORTAL' interface. At the top left is the NEWADA duo logo and the title 'DANUBE FIS PORTAL'. On the right, there is a language selection menu with options: EN | DE | SK | HU | HR | SR | RO | BG. Below the title is a navigation menu with icons for: Menu, Water level, Bottlenecks, Notices to Skippers, Ice message, Waterway objects, Authorities, and Downloads. The main area is a map of the Danube river basin, showing the river flowing through Central and Eastern Europe. The map is overlaid with numerous blue circular icons representing data points, and several red circular icons indicating critical bottlenecks. The map includes labels for various countries in multiple languages: Austria (Österreich), Hungary (Magyarország), Romania (România), Bulgaria (България), Serbia (Србија), Croatia (Hrvatska), Slovenia (Slovenija), Bosnia and Herzegovina (Bosna i Hercegovina), and Ukraine (Україна/Ukraine). A 'Layers' panel on the right side of the map shows a list of data layers: Water level (checked), Critical Bottleneck, Notices to Skippers, Ice message, and Wifi Hotspots. At the bottom of the map, there is a scale bar (100 km) and a copyright notice: 'Térképadatok ©2014 Basarsoft, GeoBasis-DE/BKG (©2009), Google, ORION-ME, basado en BCN IGN España'. The footer of the page features the 'SOUTH EAST EUROPE' logo on the left, the slogan 'Jointly for our common future' in the center, and the European Union flag on the right.

www.danubeportal.com

WP5

Critical bottlenecks


NEWADA duo DANUBE FIS PORTAL

Select a language: EN | DE | SK | HU | HR | SR | RO | BG

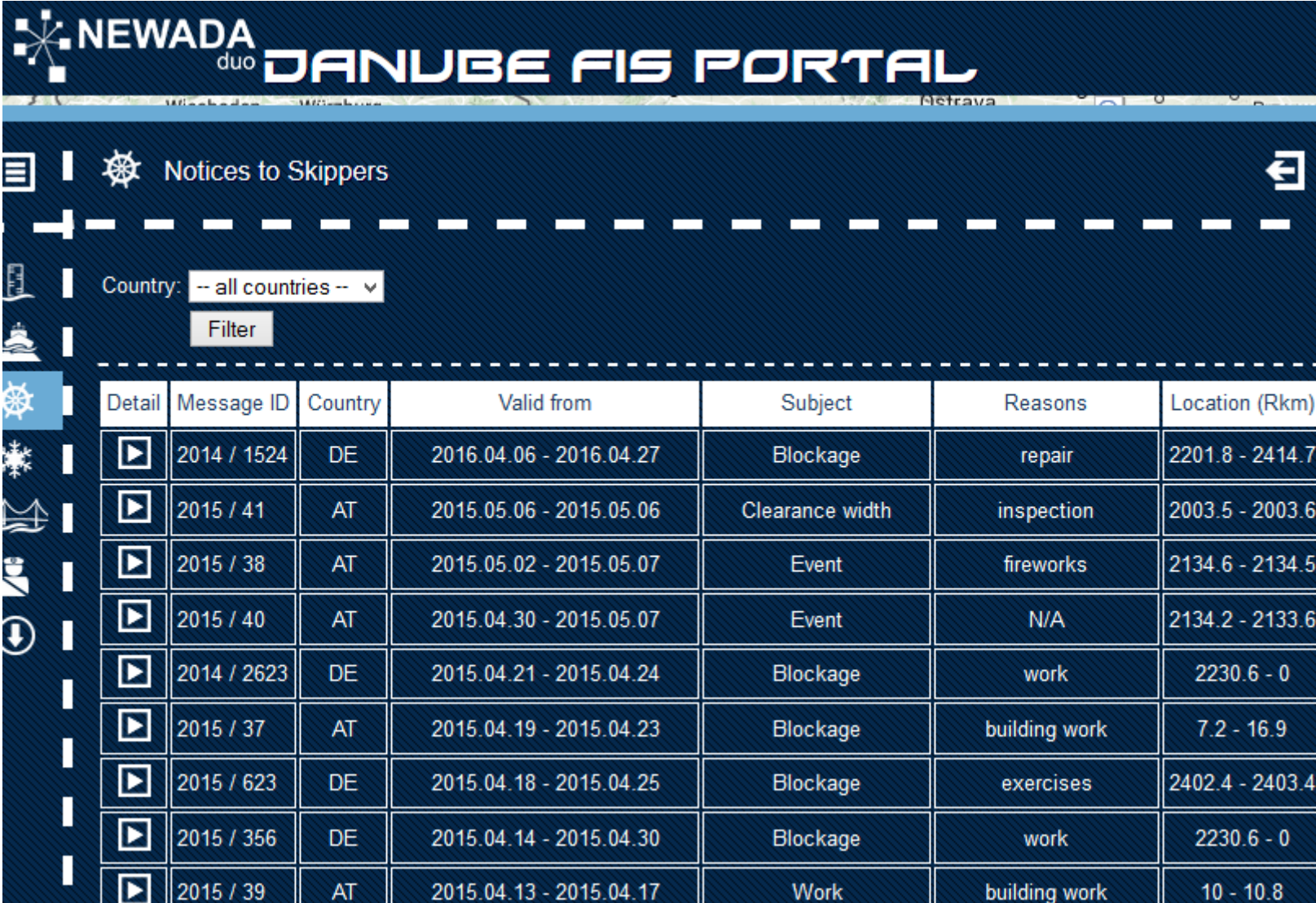
Fairway	Critical location	Chainage	Position	Width (m)	Minimum actual depth (dm)	Minimum relative depth (dm)	Date of sounding	PDF	Reference gauging station	Reference depth value (cm)	Reference
Dunav (Serbia)	Susek	128.1 - 128.5	All	20	3.4	12.9	2014.08.25	—	Bačka Palanka	0	47
Dunav (Serbia)	Futog	126.5 - 126.6	All	20	2.9	8.4	2014.08.20	—	Novi Sad	0	57
Dunav (Serbia)	Arankina Ada	124.5 - 124.6	All	20	2.7	6.1	2014.08.11	—	Novi Sad	0	57
Dunav (Serbia)	Cortanovci	123.9 - 124.0	All	20	3.6	14.7	2014.08.07	—	Novi Sad	0	57
Dunav (Serbia)	Beska	123.9 - 23.0	All	20	0.8	-13.5	2014.07.30	—	Slankamen	0	117
Dunav (Serbia)	Prešy	119.7 - 119.7	All	20	3.8	17.8	2014.06.19	—	Slankamen	0	117
Dunaj (Slovakia)	Mužla I	1735.5 - 1733.7	All	100	33	14	2014.05.23	↓	Vodomerňa stanica Sturovo	150	ENR
Dunaj (Slovakia)	Mužla I	1735.5 - 1733.7	Red bouy	60	35	16	2014.05.23	↓	Vodomerňa stanica Sturovo	56	ENR
Duna (Hungary)	Göd	1668.0 - 1666.7	All	80	43.7	18	2009.03.12	↓	Budapest	92	ENR
Duna (Hungary)	Budafok	1638.4 - 1637.4	All	50	45.7	20	2010.11.10	↓	Budapest	92	ENR
Duna (Hungary)	Solt	1558.5 - 1557.5	All	100	29.4	20	2013.08.30	↓	Dunaföldvár	-116	

WATERBOO Terképadatok © 2013 Basasoft, Geollasala-GE/IGN (©2009), Google, Maps ©Israel, DBION-ME, Basado en BCN IGN España 100 km A tájalános Szerződések: Feltetelek: Térképhiba bejelentés

SOUTH EAST EUROPE Jointly for our common future




Notices to Skippers



Detail	Message ID	Country	Valid from	Subject	Reasons	Location (Rkm)
	2014 / 1524	DE	2016.04.06 - 2016.04.27	Blockage	repair	2201.8 - 2414.7
	2015 / 41	AT	2015.05.06 - 2015.05.06	Clearance width	inspection	2003.5 - 2003.6
	2015 / 38	AT	2015.05.02 - 2015.05.07	Event	fireworks	2134.6 - 2134.5
	2015 / 40	AT	2015.04.30 - 2015.05.07	Event	N/A	2134.2 - 2133.6
	2014 / 2623	DE	2015.04.21 - 2015.04.24	Blockage	work	2230.6 - 0
	2015 / 37	AT	2015.04.19 - 2015.04.23	Blockage	building work	7.2 - 16.9
	2015 / 623	DE	2015.04.18 - 2015.04.25	Blockage	exercises	2402.4 - 2403.4
	2015 / 356	DE	2015.04.14 - 2015.04.30	Blockage	work	2230.6 - 0
	2015 / 39	AT	2015.04.13 - 2015.04.17	Work	building work	10 - 10.8



Danube authorities contact

 **Authorities**

Please choose a Danube country for Authority contact information!

DE AT SK HU HR RS BG RO UA

Authority type:

- all types --
- Border Police
- Customs
- RIS Operator
- Sanitary Authority
- Shipping Authority
- Waterway Maintenance
- Water Police
- Disaster management

via donau - Österreichische Wasserstraßen

Country

Authority type

Area of responsibility

Address of main office Donau-City-Straße 1 1220 Wien

Phone +43 50 4321 1000

Fax +43 50 4321 1050

Mobile -



Tasks

Task. No.	Title of Task	Resp. PP
5.2.1	Planning, execution and evaluation of <i>user surveys</i> and interviews	RSOE
5.2.2	Design and <i>implementation</i> of enhanced FIS Portal	RSOE
5.2.3	<i>Test and operational issues</i> of FIS Portal	RSOE
5.2.4	<i>Dissemination</i> of FIS Portal	RSOE
5.2.5	Elaboration of concept for <i>mobile version</i> of FIS Portal	RSOE



Topics of presentations



Act.5.1 Services based on WLAN



Act.5.2 Personalized FIS Portal

FIS PORTAL

Act.5.3 Pilot for Aids to Navigation



WP5

Act.5.3 AtoN

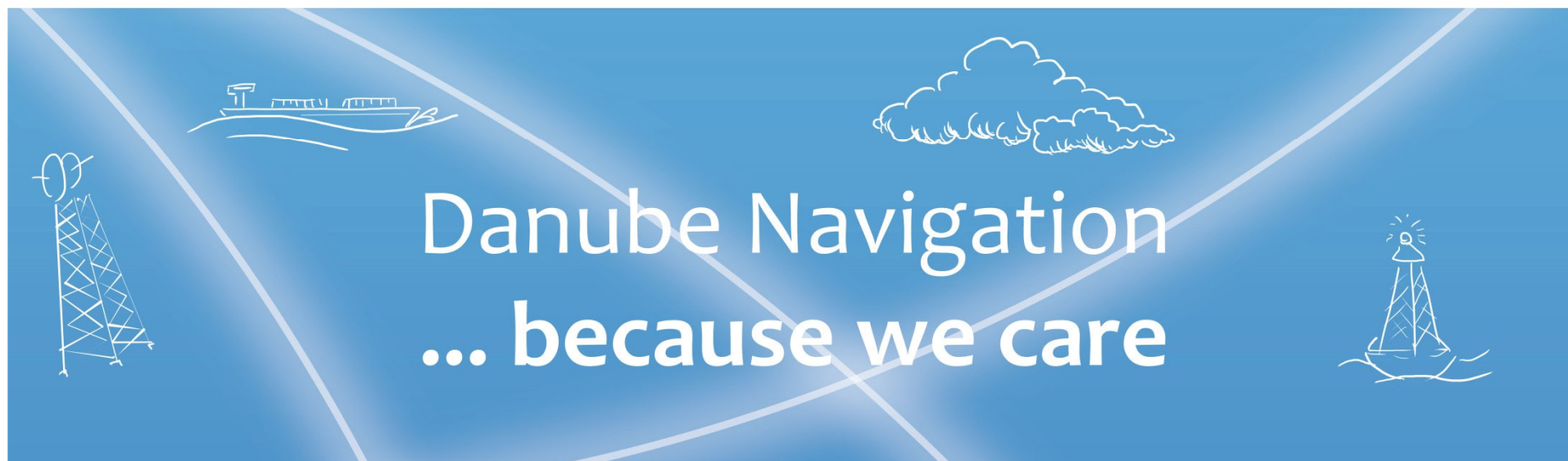


Activity Leader: Romeo Soare, AFDJ

Activity tasks



Task No.	Title of Task
5.3.1	Planning of pilot AtoNs networks on selected stretches
5.3.2	Design (including technical specification & ToR) of pilot AtoNs monitoring solutions for selected stretches
5.3.3	Implementation of pilot system for AtoNs monitoring on selected stretches
5.3.4	Tests and evaluation of the results achieved on the pilot stretches for pilot system implemented within task 5.3.3
5.3.5	Design (including ToR) of pilot system for virtual AtoNs provision on selected stretches
5.3.6	Implementation of pilot system for virtual AtoNs provision on selected stretches
5.3.7	Tests and evaluation of the results achieved on the pilot stretches for pilot system implemented within task 5.3.6
5.3.8	Report on conclusions and recommendations based on tests and evaluations conducted in 5.3.4 and 5.3.7



**Thank you for your
attention!**

Gergely Mező
gergely.mezo@rsoe.hu

