



Increased institutional capacity in Danube navigation by boosting joint transnational competences and skills in education and public development services



Best Service Set: Documentation



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1 Background

This report represents the documentation on the implementation of the Best Service Set of all project partners involved in Act.4.2. And which have committed themselves to act as Danube Logistics Promotion Centres. The Best Service Set describes criteria regarding the websites of the Danube Logistics Promotion Centres. The websites of the Danube Logistics Promotion Centres are important to promote Danube logistics and to offer their free-of-charge, information and services to target group and interested parties.

In a first step, before the implementation of the Best Service Set, the Minimum Service Set was implemented. The Minimum Service Set stated that the websites of all Danube Logistics Promotion Centre must include information on the following topics:

1. Danube Fairway
2. Danube Ports
3. Shipping and forwarding companies
4. National and international funding schemes
5. Market analysis and market potentials
6. Promotion of inland navigation
7. Further topics e.g. nautical and vessel design

After the successful implementation of the Minimum Service Set the quality of the websites of the Danube Logistics Promotion Centres was improved by the implementation of the Best Service Set. The Best Service Set was defined by the following criteria:

- Independent & centrally accessible **subpage** (easy to find and easy to access!)
- **“Danube Logistics Info”** instead of project acronym (“Danube SKILLS”) – sustainability after project end!
- Content available in **English & national language**
- **Each topic** should be equipped with an **introduction text** (=What can costumers find behind those links, documents, etc.?)
- Usage of all available **promotional instruments/tools** ((i.e. folders, websites, manuals)
- **Constantly upgrade and update** existing tools on Danube promotion and new information, tools and services according to the needs of the sector
- Content should be **market-neutral** (promotion of all companies offering the same type of services, no promotion of single companies!)
- Recommended: at the end/bottom of the website “Project co-funded by European Union funds (ERDF, IPA)” and short reference to the project Danube SKILLS

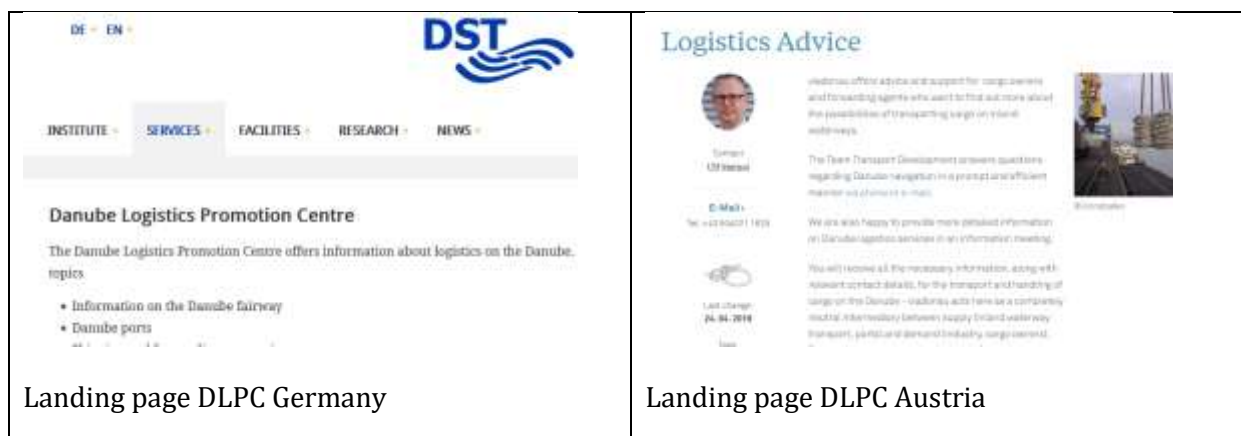
This documentation will show that the websites of all the Danube Logistics Promotion Centres are presenting information on the subjects defined in the Minimum Service Set and that they are fulfilling the criteria defined in the Best Service Set while doing so.

The following table shows the links to the Danube Logistics Promotion Centre Websites of the partners in English and their national language:

Partner	DLPC Website English	DLPC Website National language
DST	https://www.dst-org.de/en/danube-logistics/	https://www.dst-org.de/donau-logistik/
VIA	http://www.viaddonau.org/en/economy/customer-service/logistics-advice/	http://www.viaddonau.org/wirtschaft/kundenbetreuung/logistikberatung/
MINDOP	http://danubelogistics.dust.sk/en	http://danubelogistics.dust.sk/sk
RSOE	http://logisztika.rsoe.hu/english	http://logisztika.rsoe.hu/hungarian
CRUP	http://www.crup.hr/?page=iwt_lpc&lang=en	http://www.crup.hr/?page=iwt_lpc&lang=hr
PGA	https://www.aul.gov.rs/en/danube-logistics-promotion-center	https://www.aul.gov.rs/lt/centar-za-promociju-dunavske-logistike https://www.aul.gov.rs/centar-za-promociju-dunavske-logistike
CER	http://www.infodanube.ro/AboutDLP C.html	http://www.infodanube.ro/AboutDLPCro.html
UT	http://infodanube.vtu.bg/en/	http://infodanube.vtu.bg/

Tabelle 1 Danube Logistics Promotion centre websites links

The table thereby proves the fulfilment of the criteria “content available in English and national language” by all partners.



Landing page DLPC Germany

Landing page DLPC Austria


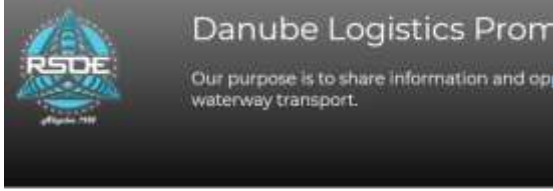



 <p>Landing page DLPC Slovakia</p>	 <p>Landing page DLPC Hungary</p>
 <p>Landing page DLPC Croatia</p>	 <p>Landing page DLPC Serbia</p>
<p>Landing page DLPC Romania</p>	 <p>Landing page DLPC Bulgaria</p>

Figure 1 Landing page DLPC Danube countries 1

2 Information on Danube fairway

Information on the Danube fairway is the first of the seven topics, on which the Danube Logistics Promotion Centres are presenting information on their website. The websites are presenting links and information on where interested people can find information on the Danube fairway e.g. daily water levels, available fairway depths at critical sectors, etc.

The following subchapters will present the given information of each Danube Logistics Promotion Centre on the Danube fairway.

2.1 Germany - DST

The DST is giving current information on the Danube fairway. They are linking to the service ELWIS (German Waterway and Shipping Management Authority) this service is only available in German. They also refer to the [Danube FIS Portal](#) which contains the most important fairway data from Austria to Romania.

Information on the Danube fairway:

Current information about the Danube waterway can be obtained from the electronic waterway information service [ELWIS](#) of the Waterway and Shipping Administration (WSV). Besides the German Danube, information on all German waterways can be found here (only in German)

Further information can be found on the [Danube Portal](#). This platform was developed in the course of the EU project NEWADA duo especially for inland navigation on the Danube.

Figure 2 Information on Danube fairway – DST

2.2 Austria - VIA

VIA is providing information on the Danube fairway through the “Donau River Information Services” (DORIS). On this page, all important information, such as water levels, lock status, shallow section, bridge clearance, etc., on the Danube fairway can be found.

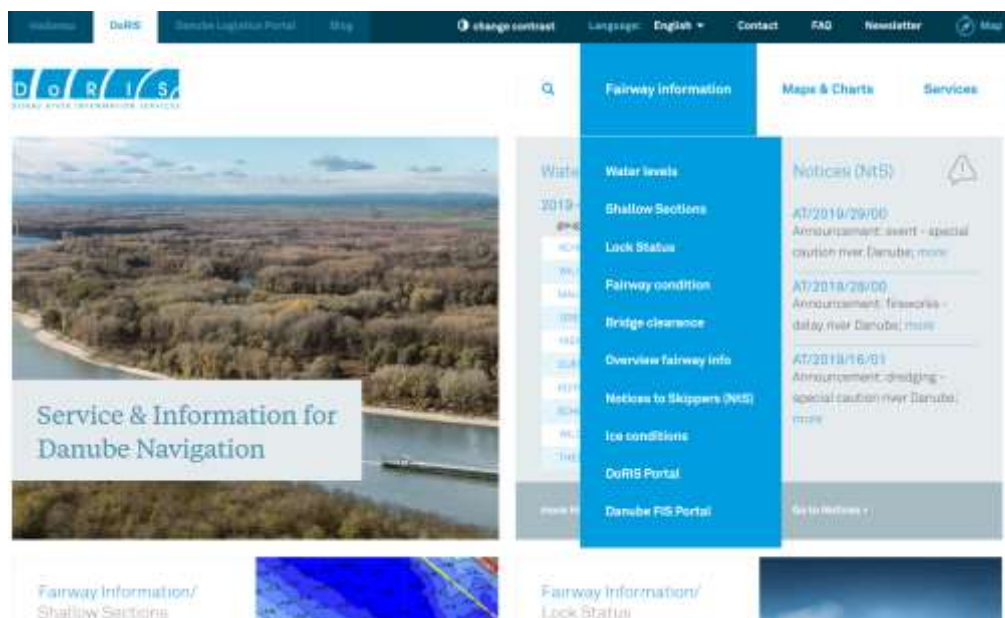


Figure 3: Information on Danube fairway – VIA

VIA also refers to international fairway information by providing links to notices to skippers (NtS) in Danube countries as well as riparian countries of the Rhine and Czech Republic (Elbe).

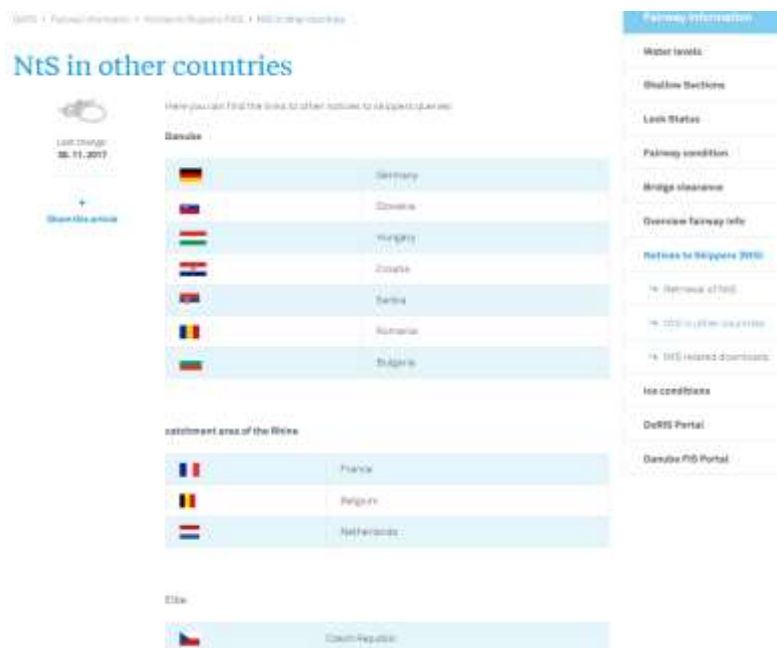
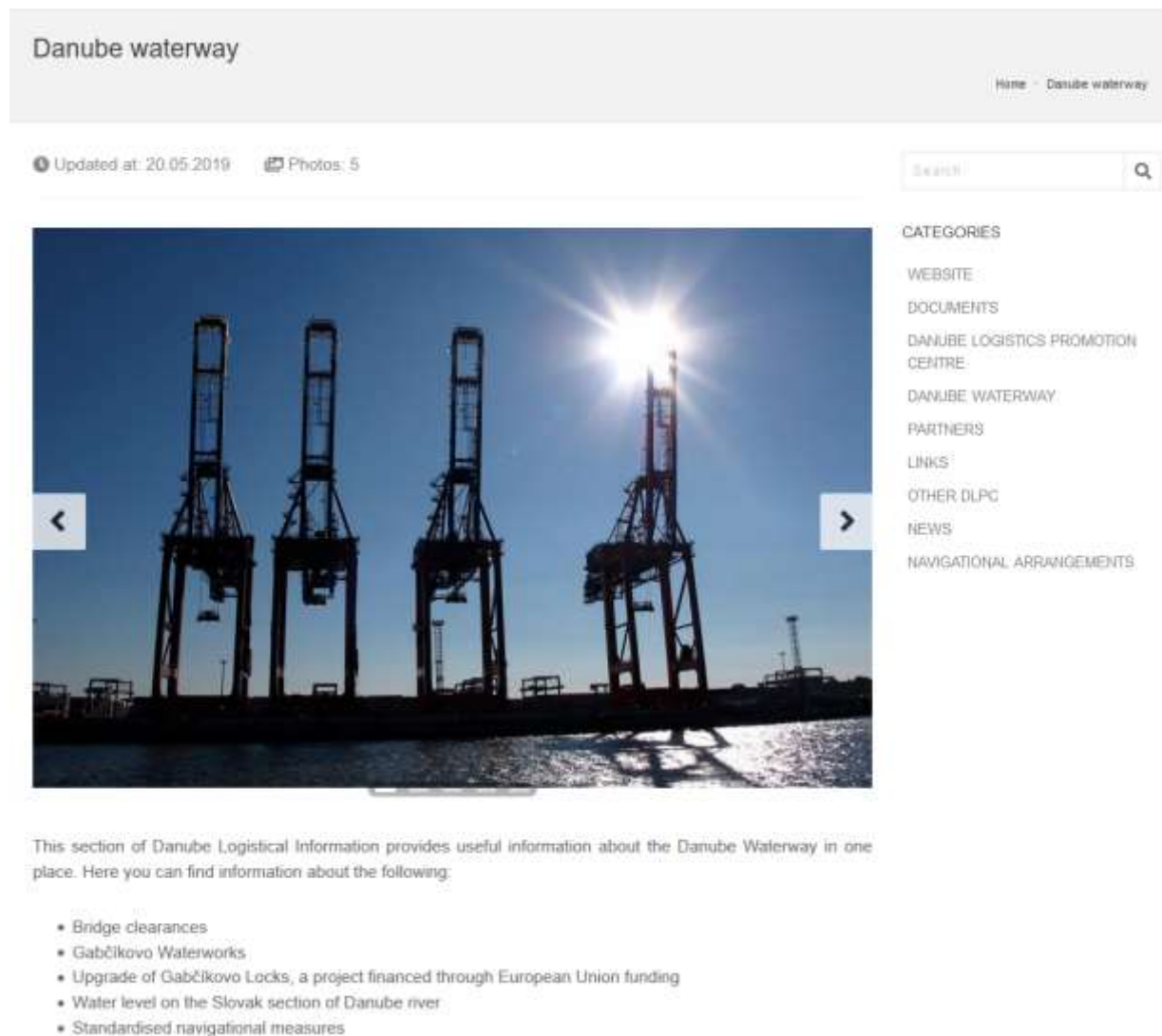


Figure 4: NtS links to Danube countries on Austrian DLPC website

2.3 Slovakia - MINDOP

MINDOD gives detailed information on the Danube fairway and refers to the SlovRIS, the website of the Gabčíkovo waterworks and other websites for further information on the weather in the Slovak section of the Danube.



Danube waterway

Home - Danube waterway

Updated at: 20.05.2019 Photos: 5

Search

CATEGORIES

- WEBSITE
- DOCUMENTS
- DANUBE LOGISTICS PROMOTION CENTRE
- DANUBE WATERWAY
- PARTNERS
- LINKS
- OTHER DLPC
- NEWS
- NAVIGATIONAL ARRANGEMENTS

This section of Danube Logistical Information provides useful information about the Danube Waterway in one place. Here you can find information about the following:

- Bridge clearances
- Gabčíkovo Waterworks
- Upgrade of Gabčíkovo Locks, a project financed through European Union funding
- Water level on the Slovak section of Danube river
- Standardised navigational measures

Figure 5: Information on the Danube fairway – MINDOP

2.4 Hungary - RSOE

On its Danube Logistics Promotion Centre website, RSOE refers to the PannonRIS and the Danube Portal for information on the Danube fairway.

Information on the Danube fairway

River Information Services (RIS) means the harmonised information services to support traffic and transport management in inland navigation, including, wherever technically feasible, interfaces with other transport modes. RIS do not deal with internal commercial activities between one or more of the involved companies, but are open for interfacing with commercial activities. RIS comprise services such as fairway information, traffic information, traffic management, calamity abatement support, information for transport management, statistics and customs services and waterway charges and port dues.

- www.pannonris.hu
- www.danubeportal.com



Figure 6: Information on Danube Fairway – RSOE

2.5 Croatia - CRUP

CRUP is giving a short introduction on fairway information and refers to the Danube FIS portal and the Croatian Notices to skippers (provided by the Croatian Agency for Inland Waterways) for current information on the Danube fairway (the link is in the blue circle).

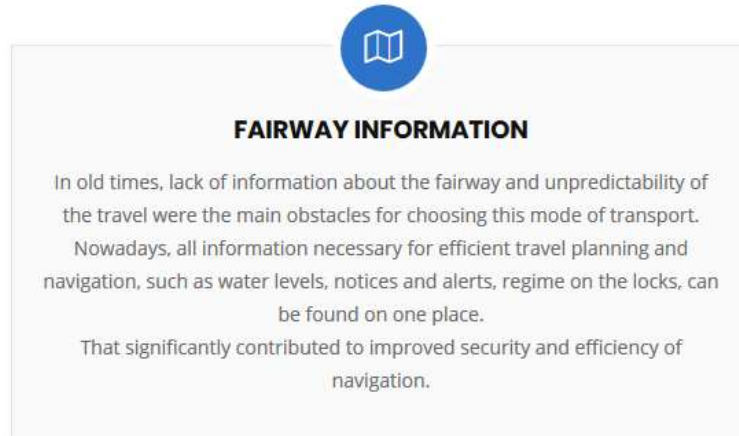


Figure 7: Information on Danube Fairway – CRUP (1)

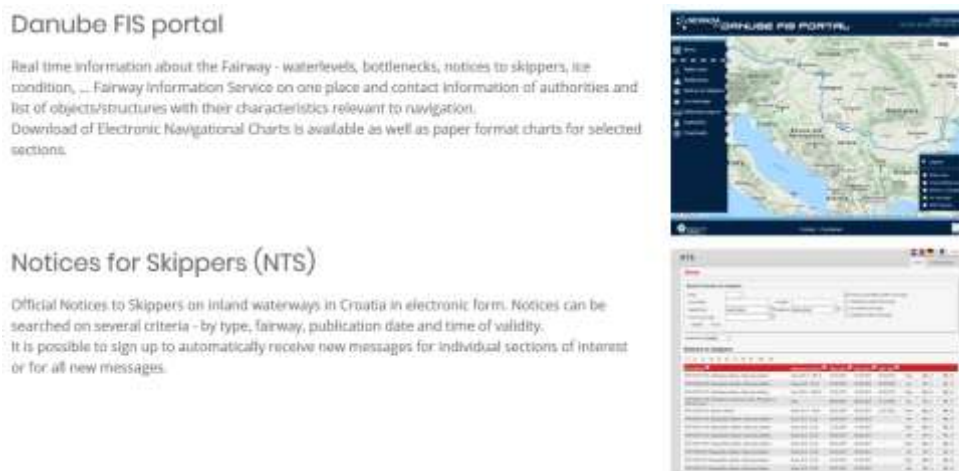


Figure 8: Information on Danube fairway - CRUP (2)

2.6 Serbia - PGA

PGA refers to the Navigation Bulletin provided by Plovput (Directorate for Inland Waterways) for fairway information. The Navigation Bulletin is updated on a daily basis and offers information such as daily water levels, NtS, fairway depths at critical sections.

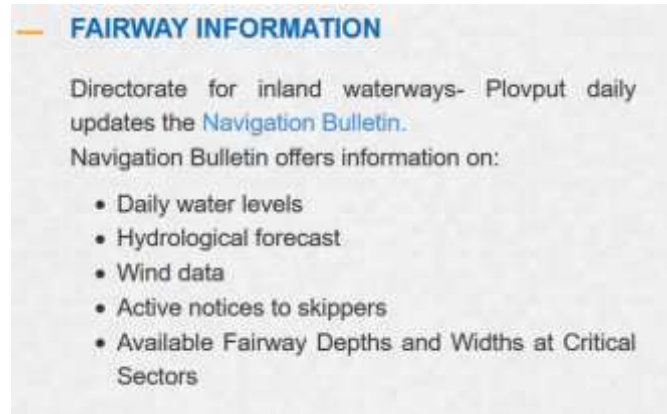



Figure 9 Information on Danube fairway – PGA

2.7 Romania - CER

CER refers to information provided by Galati Lower Danube River Administration A.A. for information on the Danube fairway.

Danube Fairway Information

Information provided by Galati Lower Danube River Administration A.A



AFDJ RA Galati

ensures the navigation conditions on the Danube by means of dredging works, topo-hydrographical survey, coast and floating signalization, piloting on the maritime Danube sector between Sulina mouthhead and Braila and in the Danube maritime parts, special transport on the river and maritime Danube, internal and international hugging.

General information about Danube fairway- CERONAV Courses:

Promotion for Boatmaster category A licence
Promotion for Helmsman licence
Boatman Qualification

Familiarization with River Information System and integrated tracking ship traffic on Inland Waterways

<p>Promotion for Boatmaster category A licence</p> <p>Scope</p> <p>The training program is addressed to inland navigation personnel wishing to obtain Boatmaster Category A licence.</p> <p>Objectives</p> <ul style="list-style-type: none"> • Acquiring the theoretical knowledge needed a 	<p>Participants</p> <p>The training program is addressed to inland navigation personnel who own the Helmsman licence and wishes to obtain the Boatmaster Category A licence.</p> <p>Minimum participation conditions</p> <ul style="list-style-type: none"> • Helmsman licence; • Have navigation time as Helmsman of not less than 4 years;
--	--

Figure 10 Information on Danube fairway – CER

2.8 Bulgaria - UT

UT is offering detailed information on the Danube fairway in Bulgaria. They are describing main characteristics of the fairway. They are referring to the website of the Executive Agency for Exploration and Maintenance of the Danube River for further and up-to-date information on the Danube fairway in Bulgaria.

Fairway Information

Bulgarian section of the river Danube is a section of the Lower Danube and its length is 471 km. After opening the Main - Danube Canal, the importance of Danube for Bulgaria is growing. Because the country has the opportunity to link directly by water to the countries of Western and Northern Europe. The rules for its use are governed by special treaties, conventions and agreements that guarantee free navigation to all countries that are contracting parties. To identify a relevant section of waterways as navigable it needs to meet certain requirements, such as fairway depth, width of the riverbed, bridge clearance, number of locks and etc. Based on these indicators, the European Council of Ministers of Transport adopted a regulation under which navigable waterways in Europe are classified in different categories in order to determine what types of vessels (depending on their technical and operational parameters) can be used for transportation.

Main characteristics:

- * Bulgarian section of Danube is categorized as Class VI. Technical parameters of waterways within categories VI and VII can provide safe navigation of vessels carrying out (domestic, heavy and bulky cargo) and containers stacked into three and four levels.
- * The seasonality of low water levels in the summer months of the year in certain areas makes it necessary to restrict vessels to reduce their draught, which in turn extends the delivery time of goods and increases the price of transport services.
- * Formation of floating ice is another phenomenon that has a negative impact on the pace and efficiency of transportation in inland waterways. Occurrence of such form means is accompanied by an increase in the sum of the variable costs for shippers and decline in customers' demand due to relatively growth in the price of transport services.
- * Another weakness of the Bulgarian section of the Danube is the presence of bottlenecks. The total length of these sections is 91 km, which represent approximately 19.4% of the length of the navigable waterways of the Republic of Bulgaria. They fall into the category bottlenecks of strategic importance and are located close to Port Arad.

More and up-to-date information about the fairway conditions and navigation on the Bulgarian section of the Danube could be found in the official website of the Executive Agency for Exploration and Maintenance of the Danube River.

Class of the navigable inland waterways	Technical parameters of vessels			St. Max. draught
	Length	Width	Draught	
Class I to I	40-80 m	4-6 m	1,00 - 1,20 m	4,00 - 4,20 m
II	80 - 81 m	6-8 m	2,50 m	6,15 - 7,00 m
III	81 - 120 m	11-16 m	2,00 - 2,80 m	7,00 - 8,10 m
IV	120 - 170 m	11-16 m	2,50 - 3,80 m	7,00 - 8,10 m
V	80 - 120 m	12-16 m	2,50 - 4,00 m	7,00 - 8,10 m
VI	120 - 200 m	12-16 m	3,00 - 4,00 m	8,10 m
VII	120 - 200 m	11 - 16,20 m	2,50 - 3,50 m	8,10 m
VIII	140 m	11 - 16,20 m	2,50 - 4,50 m	8,15 m



Агенция за Проучване и Поддръжане на река Дунав

Figure 11 Information on Danube fairway - UT

3 Danube ports

This chapter relates to “Danube ports”, which is part of the seven topics on which Danube Logistics Promotion Centres are offering information directly on their websites. This thematic block gives a comprehensive overview on handling and storage facilities, companies operating in the ports, contact data, etc. The importance of comprehensive information on ports is in the systematization and accessibility of accurate and reliable information to all stakeholders. Use of this information will contribute to more efficient and cost effective logistics, as well as increased number of waterborne transportation users.

In subchapters the given information by each Danube Logistics Promotion Centre on Danube ports will be shown below.

3.1 Germany - DST

DST is mentioning the most important German Danube Ports and linking to their webpages. Furthermore, the DST is linking to the page “Danube Ports” of the VIA, where all important Danube ports in all the different Danube countries can be found.

Danube ports:

The most important German Danube ports are [Kelheim](#), [Regensburg](#), [Straubing-Sand](#), [Deggendorf](#) and [Passau](#). Information about more than 60 ports on the Danube can be found on the [Danube Ports page](#).

Figure 12 Danube ports – DST

3.2 Austria - VIA

VIA offers information on Danube ports in the “Danube Logistics Portal” under “Danube Ports”. “Danube Ports” is an Internet platform that provides data on more than 60 ports and countries along the entire Danube between Kelheim in Germany and the Black Sea, as well as adjacent rivers and canals at www.danube-logistics.info/danube-ports.

The comprehensive port profiles contain general information about the ports and other details such as the contact details of the port operator and the port administration, important data on the infrastructure and superstructure for storage and transshipment facilities, as well as the resident terminal operators and their services.

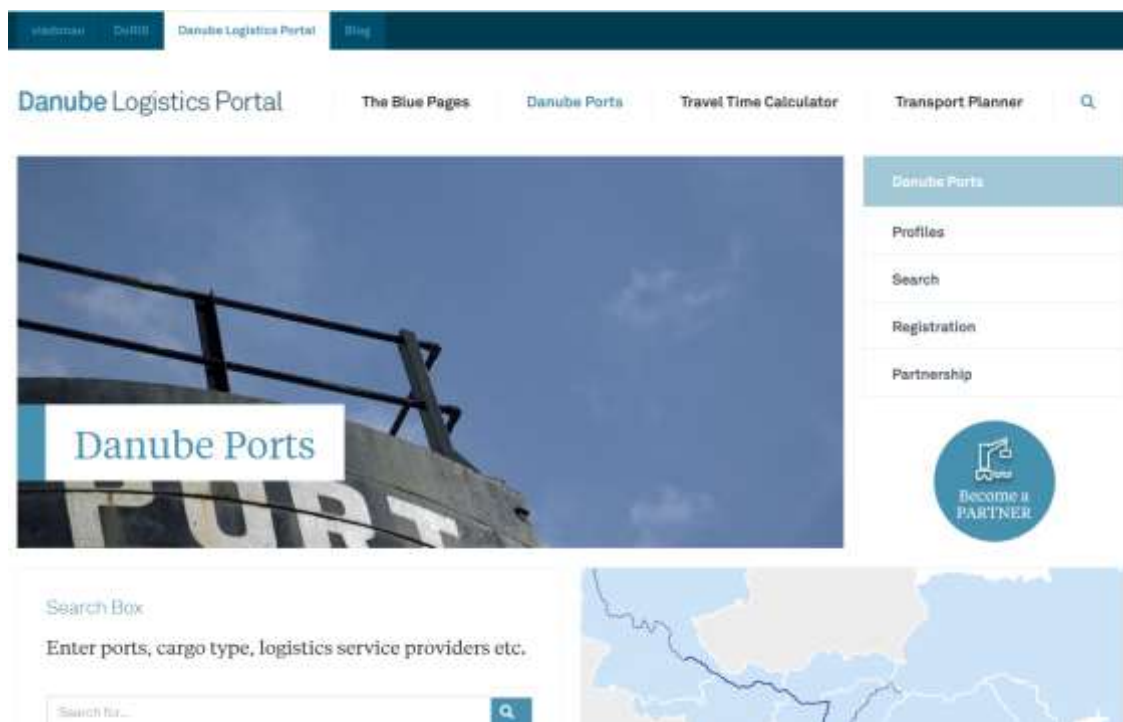


Figure 13 Danube ports – VIA

3.3 Slovakia - MINDOP

MINDOP gives very detailed information on the Slovakian ports in Bratislava, Komárno and Štúrovo. The published information contains general data as well as flows of goods, commodities shipped and performance and passenger transport related information.

Additionally, the Slovakian website refers to the Danube Logistics Portal, which offers information on all Danube ports along the Danube.

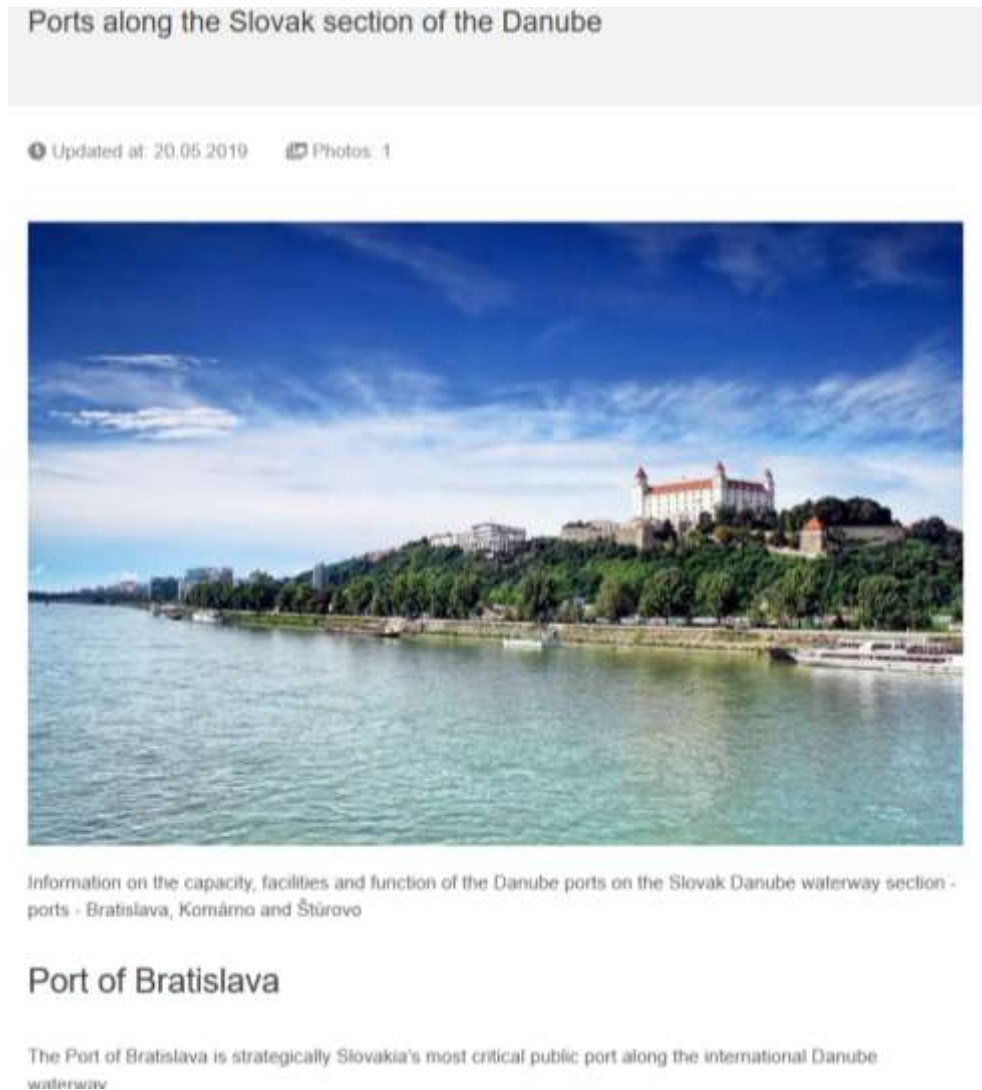


Figure 14 Danube Ports - MINDOP (1)

Furthermore, MINDOP refers to the page “Danube Ports” of VIA.

Information about more than 60 ports along the Danube can be easily obtained in a database created by viadonau, the leading international operator of Austrian waterways, published at >
<http://www.danube-logistics.info/danube-ports>

Figure 15 Danube Ports - MINDOP (2)

3.4 Hungary - RSOE

For information on Danube ports, RSOE again refers to the PannonRIS. RSOE also links to the Danube Logistics portal of VIA and in that way ensure the provision of Danube wide information,



Danube ports

The following websites help you to find the most suitable port for you. You can get the following information: the total area of the port, water area, water depth, number of terminals, information about the cargo loading. In addition, official information on contact and port approach is available on the websites.

- www.pannonris.hu
- www.danube-logistics.info/danube-ports

Figure 16 Danube ports – RSOE

3.5 Croatia - CRUP

CRUP links to the official website of the Danube commission and to the “Danube ports” of VIA for information on Danube ports.

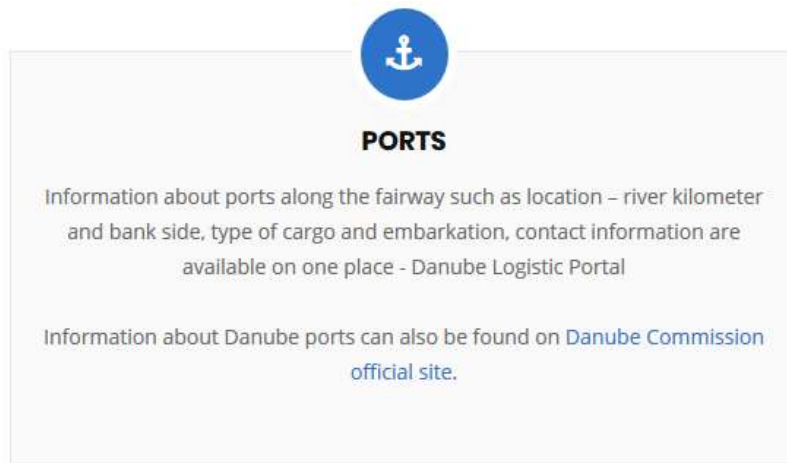


Figure 17 Danube ports – CRUP

3.6 Serbia - PGA

PGA offers information on ports and harbours in Serbia. They offer a list of ports and terminals in the Republic of Serbia and refer to the Danube Logistics Portal for information on Danube ports in all Danube countries.

— PORTS AND HARBORS

Port Governance Agency (PGA) as a state administrative body that has multiple roles in the development of water transport, and represents the authority for all ports and passenger terminals in the Republic of Serbia.

In accordance with the jurisdictions, Port Governance Agency keeps the register of:

- **Ports in the Republic of Serbia**




List of ports and terminals in the Republic of Serbia - [Click for higher resolution](#)

More information on Danube ports you can find on [Danube Logistics Portal- Danube ports](#)

Figure 18 Danube ports – PGA

3.7 Romania - CER

CER is presenting information on Romanian Danube ports. They offer links to information websites on Romanian Danube Ports. The Romanian Danube Ports are listed and information about them is given.

Romanian Danube Ports 

The Romanian sector of the Danube comprises two sections, maritime (from Sulina to Braila) and inland (from Braila to the Romanian-Hungarian border). All ports are public and the entire port infrastructure is state owned and administrated by the Maritime Danube Ports Administration (APDM) respectively by the inland Danube Ports Administration (APDF). Detailed firmations regarding existing port infrastructure (no of berths, total area, port service providers and their contact details, useful website links) can be found, in Romanian and English language, free of charge, on UPIR site, on port administrations website <http://www.apdf.ro> respectively <http://www.romanian-ports.ro>. More information are provided, on request, by marketing departments of both port administrations.

Details concerning ports can be found as well in different documents provided by projects implemented by port administrations: D.A.N.G.B.E.

Organisations in Romania which are responsible for/ or contribute to the provision of information on Danube ports:

- CN APDM Galati - Maritime Ports Administration Galati is the Danube maritime port administration with specific port activities and port information provider. Information is provided by website, through the coordinating committee of movement of ships and cargo and by promotion of port activities and services at national and international level. Contact: CN APDM. Address: Galati, 32 Partului Street, Romania, Phone: +40 238480660 Website: www.romanian-ports.ro
- CN APDF Giurgiu- Inland Danube Ports Administration Giurgiu is the administration of the Danube river ports with specific port activities and a port information provider. Information is provided by website, through control activities on the coordination of the movement of vessels and cargo, promotion of port activities and services at national and international level. Contact: CN APDF. Address: 1 Partului Street Giurgiu; Phone: +40 246 / 213 083; Email: marketing@apdf.ro Website address: www.apdf.ro
- CN A.C.N. Constanta- Administration of Danube Black- Sea Navigable Canal Constanta is the administration of the Danube Black- Sea Canal ports and locks and information provider. Information on status of locks, ports and vessel traffic is provided by website, NIS. Contact: CN ACN : phone +40 241 738505; companie@acn.ro; www.acn.ro

SULINA	+
TULCEA	+
GALATI	+
BRAILA	+

Figure 19 Danube ports – CER

3.8 Bulgaria - UT

UT explains that the Bulgarian Danube ports are incorporated into two port complexes. UT also lists the most important Bulgarian Danube ports and gives information on them.



Figure 20 Danube ports - UT

4 Shipping and forwarding companies

Shipping and forwarding companies are essential for enabling transports on the Danube; therefore information on these companies is given on the websites of the Danube Logistics Promotion Centres. While distributing information on this topic, the criterion “market neutrality” of the Best Service Set is especially important, as it is not allowed to promote single companies.

Within the next subchapters, the information on shipping and forwarding companies provided by each Danube Logistics Promotion Centre will be displayed.

4.1 Germany - DST

DST is referring to the German Federal Association of German Inland Navigation e. V., the Federal Association of the Independent Department of Inland Navigation e.V. and the Association for European Inland Navigation and Waterways e.V. for further information on German shipping and forwarding companies. Moreover, DST is referring to the Blue Pages provided by VIA for information on shipping and forwarding companies from all Danube countries.

Shipping and forwarding companies:

You can contact the following offices to obtain information about shipping companies and forwarding agents:
The German Federal Association of German Inland Navigation e.V. (BDB e.V.), the Federal Association of the Independent Department of Inland Navigation e.V. (BDS e.V.) and the Association for European Inland Navigation and Waterways e.V. (VBW e.V.). The Blue Pages on the Danube Logistics Portal provide information on shipping companies and freight forwarders from all Danube countries.

Figure 21 shipping and forwarding companies – DST

4.2 Austria - VIA

The Danube Logistics portal of VIA includes “The Blue Pages”. The Blue Pages give information on shipping and forwarding companies in all Danube countries.

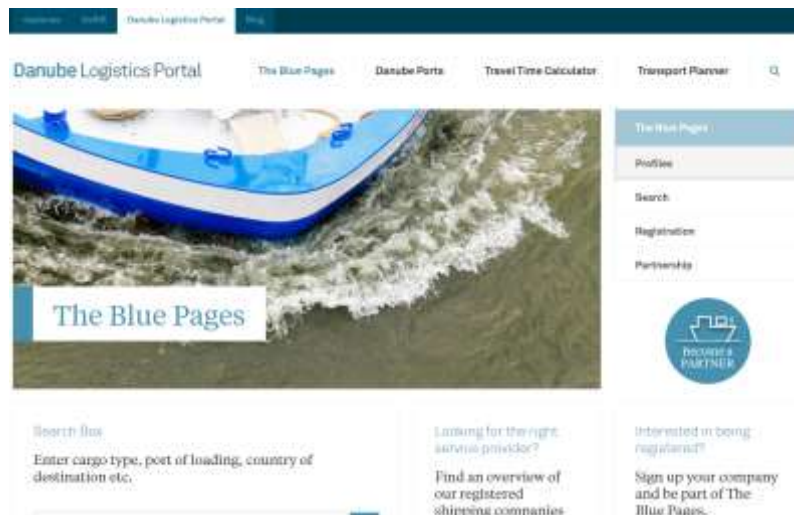


Figure 22 shipping and forwarding companies – VIA


4.3 Slovakia - MINDOP

MINDOP links to a website, where all transport and forwarding companies operating in the Slovak Republic are listed. In addition, several companies are named and referred to and the website links to the Blue Pages of VIA.

Transport and forwarding companies


Updated at: 20.05.2019 Photos: 0







This section of Danube Logistic Information contains information about transport and forwarding companies. There is a list available of those operating in the Slovak Republic.



ZVÄZ LOGISTIKY
A ZASIELATEĽSTVA
SLOVENSKEJ REPUBLIKY

Information about transport and forwarding companies operating along the entire Danube waterway can also be obtained from a database created by Austria-based viadonau, a leading international operator of waterways throughout the Danube region. It can be found at



	 Slovenská plavba a prístavy a.s.	 SDG <small>Shipping Forwarding Service</small>	
	 ČS PD	DDS Interoil s.r.o.	PK NAVIS s.r.o.

[visit danube-logistics.info](#)

Figure 23 Shipping and Forwarding companies – MINDOP

4.4 Hungary - RSOE

RSOE refers to the “Blue Pages” of VIA for information on shipping and forwarding companies in Hungary and/or in other Danube countries.

Shipping and forwarding companies

If you want to get more information about shipping companies, you can find them easily and effectively with the use of the query tool in the link below. Enter the type of cargo or the loading port, the country or search by other data.

- www.danube-logistics.info/the-blue-pages



Figure 24 shipping and forwarding companies – RSOE

4.5 Croatia - CRUP

Like RSOE and many others CRUP links to the “Blue Pages” of VIA for information on shipping and forwarding companies.

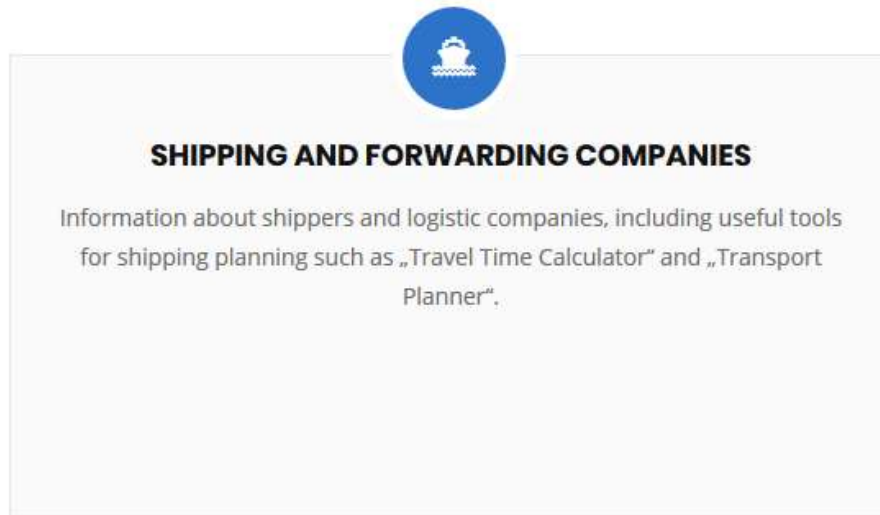


Figure 25 shipping and forwarding companies – CRUP

4.6 Serbia - PGA

PGA links to the Chamber of Commerce and Industry of Serbia – Transport and the Blue Pages of the Danube Logistics Portal for information on shipping and forwarding companies in the entire region,



Figure 26 shipping and forwarding companies – PGA

4.7 Romania - CER

Regarding information on shipping and forwarding companies CER links to the Blue Pages of VIA.

Shipping and forwarding companies

Romanian Shipping and forwarding companies



Find list of Shipping and forwarding companies on Blue pages- Danube Logistic Portal

General information about shipping and forwarding companies- CERONAV Courses

Promotion for Boatmaster category A licence	Promotion for Helmsman licence
Boatman Qualification Course	Operation of lifting equipment on board of the inland vessels
Transport Operators	
Handling and Transport of Dangerous, Hazardous and Harmful Cargoes on Inland Waterways	
Promotion for Boatmaster category A licence Scope The training program is addressed to inland navigation personnel wishing to	Participants The training program is addressed to inland navigation personnel who own the Helmsman licence and wishes to obtain the Boatmaster Category A licence. Minimum participation conditions

Figure 27 shipping and forwarding companies – CER

4.8 Bulgaria - UT

UT lists the most important Bulgarian shipping and forwarding companies and links to their websites. Furthermore, UT refers to the Blue Pages of VIA.

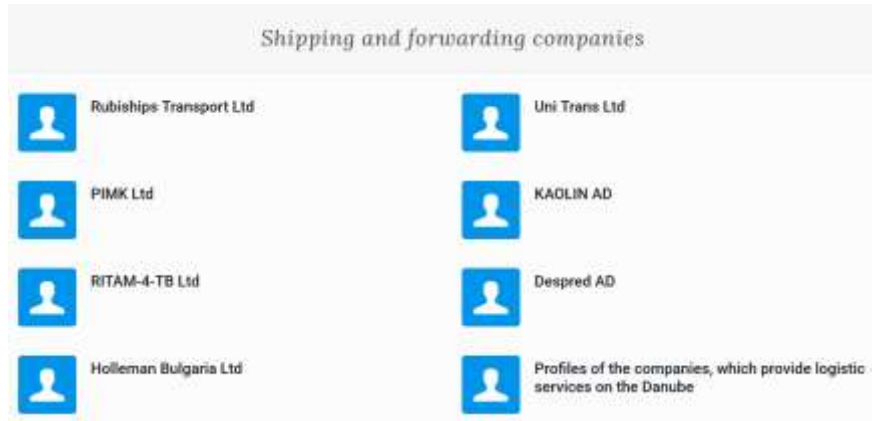


Figure 28 shipping and forwarding companies - UT

5 Information on national and international funding

Information on national and international funding schemes, which are relevant for inland navigation, is also presented on the websites of the Danube Logistics Promotion Centres. National and international funding is important to support inland navigation and to foster its usage.

The following subchapters show the information on international and national funding schemes presented by the Danube Logistics Promotion Centres.

5.1 Germany - DST

DST is presenting information on national and international funding. National funding programmes for inland navigation can be found under ELWIS. They even point out a particular national funding programme. They refer to the EIBIP (European Inland Barging Innovation Platform) for international funding programmes.

Information on national/international funding:

German funding programmes for inland navigation can be found under **ELWIS**. Particular mention should be made here of the funding programme for the sustainable modernisation of inland waterway vessels including the use of fuel-water emulsion plants (only in German).
The European database **EIBIP** contains all current public financing opportunities for projects relevant to inland navigation in the EU member states. It is a follow-up of the PLATINA II project.

Figure 29 information on national and international funding – DST

5.2 Austria - VIA


VIA is offering advice and information on national and international funding schemes. They give explicit examples of funding schemes like the Aid programme for combined transport, but they also refer to two databases on funding schemes, namely the EIBIP database as well as the Austrian database Förderkompas for research and development topics.



Figure 30 information on national and international funding – VIA

5.3 Slovakia - MINDOP

MINDOP gives information on the European Union fund, which is used mostly for waterway development projects in Slovakia and links to EIBIP.



The screenshot shows a webpage section titled "National and international financing". Below the title, it indicates the page was updated on 20.05.2019 and has 0 photos. The main text explains that the section contains information about national and international funding, specifically mentioning that most waterway development projects in Slovakia are financed from European Union funds through the *Transport and Transport Infrastructure Operational Programme 2014-20* or the *Connecting Europe Facility (CEF)*. It also states that a link below provides an overview of public financing options for inland waterway transport projects, as well as current calls for Slovakia and funding schemes in Europe. At the bottom of the text, there is a blue button labeled "View more".

Figure 31 information on national and international funding – MINDOP

5.4 Hungary - RSOE

RSOE links to the EIBIP for information on national and international funding.



Information on national/international funding

On the website of the European Inland Barging Innovation Platform a funding database is available which gives you an opportunity to review funding options.

- www.eibip.eu/funding/

Figure 32 Information on national and international funding – RSOE

5.5 Croatia - CRUP

CRUP refers to EIBIP for information on national and international funding.



Figure 33 information on national and international funding – CRUP

5.6 Serbia - PGA

PGA presents information on national and international funding on their website. They refer to the “UNDP in Serbia” and “The Delegation of the European Union to the Republic of Serbia”. Furthermore, they link to the EIBIP.



Figure 34 information on national and international funding – PGA

5.7 Romania - CER

For information on national and international funding CER refers to the EIBIP.


National/international funding information 



Figure 35 information on national and international funding – CER

5.8 Bulgaria - UT

UT presents several national funding programmes, which are relevant for inland navigation. UT also refers to the European Inland Barging Innovation Platform (EIBIP).



Figure 36 information on national and international funding - UT

6 Information on markets for Danube logistics

The fifth topic is markets for Danube logistics. The Danube Logistics Promotion Centres are providing their target group with information on market analysis and market potentials for Danube logistics. This topic helps to prove how diverse inland navigation is and how many possibilities in terms of suitable and promising cargo groups it offers.

Within the next subchapters the information on markets for Danube Logistics offered by the Danube Logistics Promotion Centres will be shown.

6.1 Germany - DST

Regarding information on promising markets for Danube logistics DST refers to the Federal Statistical Office and the Central Commission for Navigation on the Rhine (CCNR), which regularly publishes in-depth market analysis on inland navigation for the Rhine and Danube River.

Information on promising markets for Danube logistics:

Current market information on inland navigation is published by the Federal Statistical Office. The Central Commission for Navigation on the Rhine (CCNR) also publishes quarterly Market insights and annual reports on the topic.

Figure 37 information on markets for Danube logistics – DST

6.2 Austria - VIA

On the website of VIA information on potentials of the Danube region in general can be found. VIA also offers in-depth information on specific initiatives on promising cargo groups such as high & heavy cargo, renewable resources, recycling material, building material and petrochemical and chemical products. Interested parties have the possibility to download experts' presentations on dedicated topics as well as thematical maps and market studies which cover the entire Danube region. In addition, information on the supply side, describing suitable cargo for inland waterway transports is given.

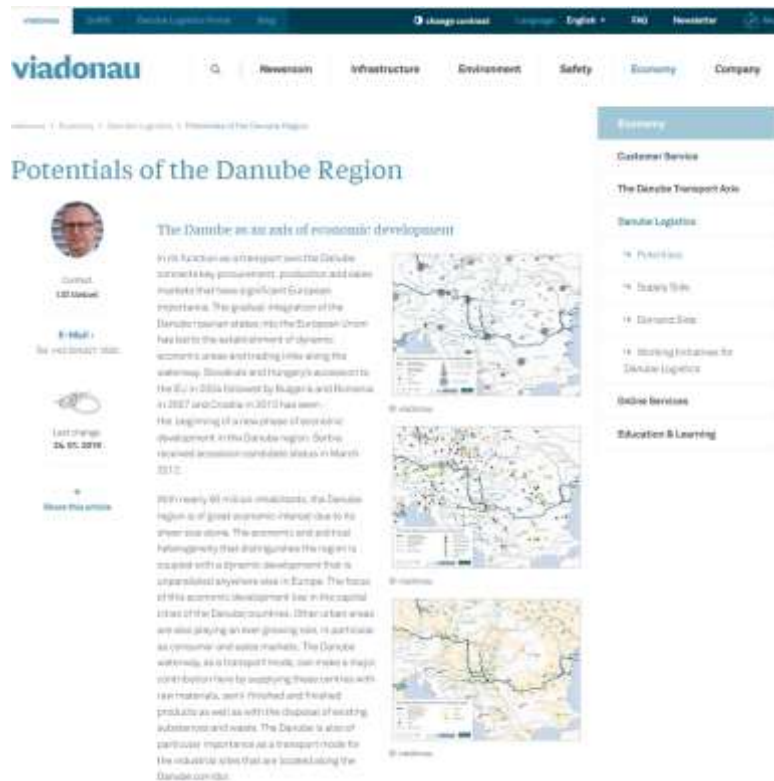


Figure 38 information on markets for Danube logistics - VIA (1)



The screenshot shows the 'viadonau' website with a navigation menu and a sidebar. The main content area is titled 'Demand Side' and features a profile picture of a man, a date '26.01.2019', and a 'Share this article' button. The article text discusses traditional markets for Danube navigation, mentioning the transport of large volumes of goods like steel coils and the challenges of inland navigation. It also notes that inland navigation is an extremely important mode of transport for the steel industry, handling approximately 25-30% of the total amount of raw materials. A sidebar on the right contains a 'Navigation' menu with links to 'Customer Service', 'The Danube Transport Bids', 'Danube Logistics', 'Policy', 'Ready to Go', 'Demand Side', 'Working Initiative for Danube Logistics', 'Online Services', and 'Education & Learning'.


Figure 39 information on markets for Danube logistics - VIA (2)

6.3 Slovakia - MINDOP

For information on markets for Danube logistics MINDOP offers two reports to download. The first one offers insight in the Slovak automotive sector and the second report refers to the market observation on international basis.

Potential logistics markets

Updated at: 20.05.2019 Photos: 1



This section contains information about possible logistics markets. Here, more about an analysis of the automotive sector in Slovakia can be read.

Below is the 2016 annual European inland navigation report.

Attachments



 Automotive Sector in Slovakia <small>The publication is designed to introduce Slovakia's dynamically growing automotive sector</small>	5.98 MB
 ANNUAL REPORT 2016 <small>INLAND NAVIGATION IN EUROPE MARKET OBSERVATION</small>	16.17 MB

Figure 40 Information on markets for Danube logistics – MINDOP

6.4 Hungary - RSOE

RSOE offers several links to Hungarian and international websites with information on promising markets for Danube logistics.

Information on promising markets for Danube logistics

If you would like to get detailed and comprehensive information from the Danube Logistics Market, as well as the latest developments and the results of recent years learn the information provided by the following websites.

- www.ksh.hu
- www.kozlekedesvilag.hu
- www.iho.hu
- www.hajozas.hu
- www.logisztika.hu
- www.mle.hu
- ec.europa.eu/transport/modes/inland/promotion/naiaades2_en



Figure 41 Information on markets for Danube logistics – RSOE

6.5 Croatia - CRUP

For information on markets for Danube logistics CRUP offers a report of the Platina II project on this topic.



Figure 42 Information on markets for Danube logistics – CRUP

6.6 Serbia - PGA

PGA presents information on perspective markets for Danube logistics. They refer to a Business web portal, where further information on markets can be found.



— **INFORMATION ON PERSPECTIVE MARKETS FOR DANUBE LOGISTICS**

For more information on markets for Danube logistics, please visit:


- [Poslovanje - Business web portal](#)

Figure 43 Information on markets for Danube logistics – PGA

6.7 Romania - CER

CER refers to several reports concerning promising markets for Danube logistics.

Information on promising markets for Danube logistics



Market size of Romania Logistics, Warehousing and Postal Service market, market segmentation by freight carried by roadways, railways, airways, maritime and others, by types of goods carried, by domestic and cross border postal traffic, by types of postal items and future outlook and projections of the industry. Report

Report "The Goods Transportation sector in Romania 2010", by FRD Center Market Entry Services Romania

Report "Why do logistics and transport matter for development", by Faculty of International Business, University of Economic Studies Bucharest, Romania, 2014

Feasibility Study for establishment of the most efficient solutions for regular maritime services connecting Black Sea and Danube ports. The document is available on the infoDanube website

Figure 44 Information on markets for Danube logistics – CER

6.8 Bulgaria - UT

UT offers information on promising markets for Danube logistics in form of a text supported by graphics. Furthermore, they refer to “Market Insight” of the Central Commission for the Navigation of the Rhine (CCNR) and a study on the integration of inland waterways in the European transport logistics chain.

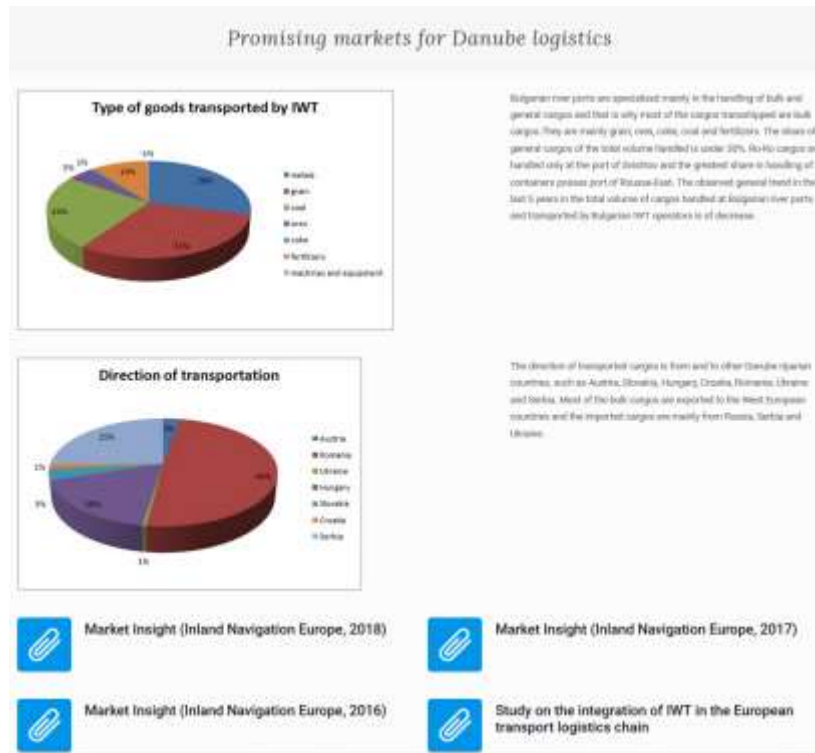


Figure 45 Information on markets for Danube logistics - UT

7 Promotion of Danube logistics

The promotion of Danube logistics is an essential part of the services, offers and goals of the Danube Logistics Promotion Centres. The usage of all available promotional tools is also one of the criteria of the Best Service Set.

In the next subchapters the promotion of Danube Logistics done by the Danube Logistics Promotion Centres will be presented.

7.1 Germany - DST

Firstly, DST lists all Danube Logistics Promotion Centres and their contact data on their website.

More Danube Logistics Promotion Centres along the Danube



MinDop – Ministry of Transport and Construction of Slovak Republic
 Web: www.danubelogistics.gov.sk
 Contact: Juraj Staron
 Phone: +421 2 594 94 656
 Email: juraj.staron@mindow.sk



RSOE – National Association of Radio Distress-Signalling and Infocommunications
 Web: <http://logisztika.rsos.hu/>
 Contact: Gergely Mező
 Phone: +36 1 303 0168
 Email: [gergely.mezo\[at\]rsos.hu](mailto:gergely.mezo[at]rsos.hu)



CRUP – Inland Navigation Development Centre Ltd.
 Web: www.crup.hr
 Contact: Ivan Suker
 Phone: +385 91 4181 697
 Email: [suker\[at\]crup.hr](mailto:suker[at]crup.hr)



FGA – Port Governance Agency
 Web: www.aul.gov.rs
 Contact: Vladimir Pavlovic
 Phone: +381 11 6536 535
 Email: [vladimir.pavlovic\[at\]aul.gov.rs](mailto:vladimir.pavlovic[at]aul.gov.rs)



CERONAV – Romania Romanian Maritime Training Centre
 Web: www.infodanube.ro
 Contact: Alina Mantu
 Phone: +40 747 011 060
 Email: [alinaoprea\[at\]ceronav.ro](mailto:alinaoprea[at]ceronav.ro)



UT – University of Transport Todor Kableshkov
 Web: <http://infodanube.vtu.bg/en/>
 Contact: Petya Koralova – Nozharova
 Phone: +35 988 501 656 0
 Email: [pkoralova\[at\]vtu.bg](mailto:pkoralova[at]vtu.bg) or [infodanube\[at\]vtu.bg](mailto:infodanube[at]vtu.bg)



viadonau – Austrian Waterway Company
 Web: www.viadonau.org/en/economy
 Contact: Ulf Meinel
 Phone: +43 50 4321 1625
 Email: [ulf.meinel\[at\]viadonau.org](mailto:ulf.meinel[at]viadonau.org)

Figure 46 Promotion of Danube logistics - DST (1)

Secondly, they use promotional material like the flyer on Danube Logistics Promotion Centres.

- Information material as download**
- [Flyer Danube Logistics Promotion Centres](#)
 - [Flyer Danube SKILLS](#)

Figure 47 Promotion of Danube logistics – DST (2)

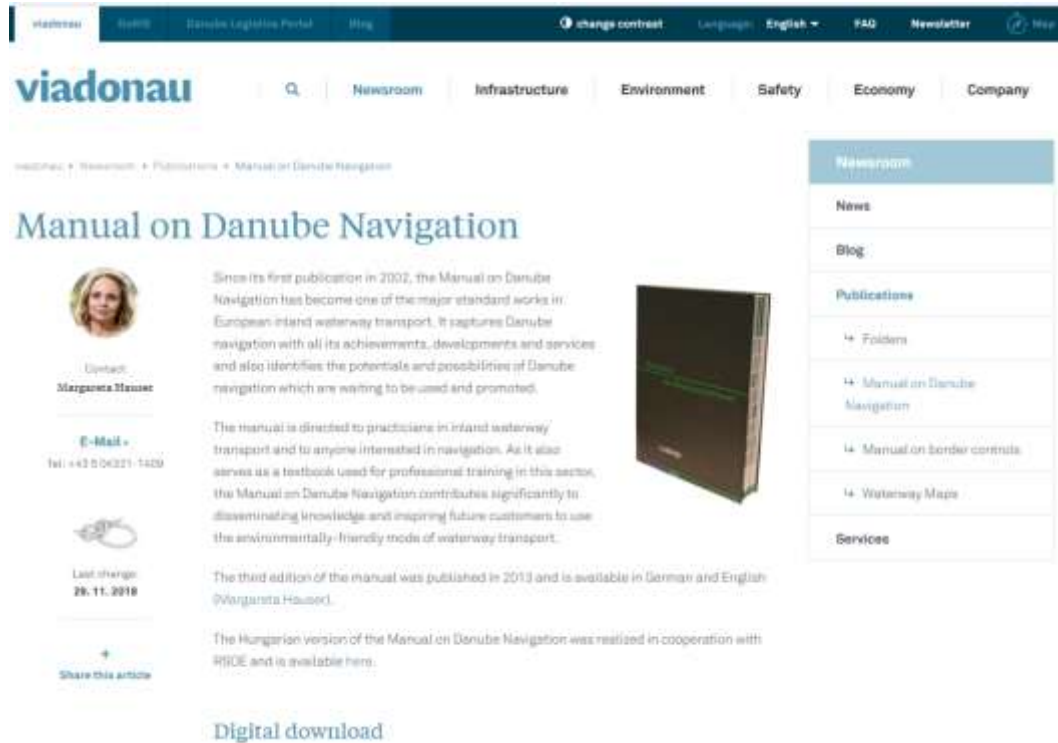
Thirdly, they refer to the Manual on Danube Navigation of VIA and VIA in general.

If you would like general information about logistics on the Danube, the viadonau and the Manual on Danube Navigation are recommended sources.

Figure 48 Promotion of Danube logistics - DST (3)

7.2 Austria - VIA

VIA publishes the Manual on Danube Navigation and offers it through a digital download.



The screenshot shows the VIA website interface. At the top, there is a dark navigation bar with links for 'Home', 'Danube Logistics Portal', 'Blog', 'change contrast', 'Language: English', 'FAQ', 'Newsletter', and 'Help'. Below this is a white header with the 'viadonau' logo and a search bar. A secondary navigation bar lists categories: 'Newsroom', 'Infrastructure', 'Environment', 'Safety', 'Economy', and 'Company'. The main content area is titled 'Manual on Danube Navigation' and includes a profile for Margarita Hauser, a book cover image, and several paragraphs of text. A 'Digital download' button is visible at the bottom of the main content. On the right side, there is a 'Newsroom' sidebar with a menu containing 'News', 'Blog', 'Publications', 'Folders', 'Manual on Danube Navigation', 'Manual on border controls', 'Waterway Maps', and 'Services'.

Figure 49 Promotion of Danube logistics - VIA (1)

Furthermore, VIA similar to DST, lists all Danube Logistics Promotion Centres and their contact data.

Danube Logistics advice international	Danube Logistics Promotion Centres
DE	<p>DST - Development Centre for Ship Technology and Transport Systems Web: www.dst-org.de/en/danube-logistics/ Kontakt: Cyril Alias Telefon: +49 203 99 369 52 Email: alias[at]dst-org.de</p>
SK	<p>MinDop - Ministry of Transport and Construction of Slovak republic Web: www.danubelogistics.gov.sk Kontakt: Juraj Staroň Telefon: +421 2 594 94 856 Email: juraj.staron[at]mindop.sk</p>
HU	<p>RSOE - National Association of Radio Distress-Signalling and Infocommunications Web: http://logisztika.rsoe.hu/ Kontakt: Gergely Mező Telefon: +36 1 303 0168 Email: gergely.mezo[at]rsoe.hu</p>
HR	<p>CRUP - Inland Navigation Development Centre Ltd. Web: www.crup.hr Kontakt: Ivan Šuker Telefon: +385 91 4181 897 Email: suker[at]crup.hr</p>
RS	<p>PGA - Port Governance Agency Web: www.aul.gov.rs Kontakt: Vladimir Pavlovic Telefon: +381 11 6556 535 Email: vladimir.pavlovic[at]aul.gov.rs</p>
RO	<p>CERONAV - Romania Romanian Maritime Training Centre Web: www.infodanube.ro Kontakt: Alina Mantu Telefon: +40 747 011 060 Email: alinaoprea[at]ceronav.ro</p>
BG	<p>UT - University of Transport Todor Kableshkov Web: http://infodanube.vtu.bg/en/ Kontakt: Petya Koralova – Nozharova Telefon: +35 988 501 858 0 Email: pkoralova[at]vtu.bg or infodanube[at]vtu.bg</p>

Figure 50 Promotion of Danube logistics - VIA (2)

VIA also offers a download of the Danube Logistics Promotion Centre Flyer.

Danube Logistics advice international
Danube Logistics Promotion Centres

You need advice and support on Danube logistics in other Danube countries?

"Danube logistics promotion centres" are the right contact point for you! These national contact points **provide free of charge and neutral information** on Danube logistics in the entire Danube region for:

- Cargo owners and other potential users
- Port and terminal operators
- Shipping companies and ship brokers
- Forwarding companies with inland navigation in their service portfolio


The available up-to-date information and services cover the following topics (for further information click on link):

- **Danube navigation:** advantages and possibilities of Danube navigation
- **Fairway:** water levels, fairway and navigation conditions, traffic information
- **Ports & Terminals:** handling and storage facilities, companies operating in the Danube ports, contact data
- **Shipping companies and ship brokers:** transport routes, transported cargo, contact data
- **Funding schemes:** national and European funding opportunities
- **Market opportunities:** promising markets for inland waterway transport

The **"Danube logistics promotion centres"** are looking forward to your requests - your national contact person will be always at your disposal. Please use the provided contact data (see tab-section "Danube logistics promotion centres") or the websites to find out more information on Danube logistics in the respective country.

You can also download the information booklet [here](#).

This information tool was created in the frame of the Danube SKILLS project with 8 Danube countries as project partners.



Project co-funded by European Union funds (ERDF, IPA)

Figure 51 Promotion of Danube logistics - VIA (3)

7.3 Slovakia - MINDOP

The website of MINDOP has a subpage focused on promoting Danube transport. On this subpage PIANC, the Danube Commission, the Manual on Danube Navigation of VIA, the Slovak Navigation Congress and SARIO, the Slovak Investment and Trade Development Agency, are presented and linked to.

Promoting Danube transport

Updated at: 20.05.2019 Photos: 1



This section of Danube Logistic Information provides information about promoting transport on the Danube. Read here more about PIANC, Slovak Navigation Congress (SPK), Danube Commission and the Manual on Danube Navigation, as well as about SARIO, the Slovak Investment and Trade Development Agency.

Figure 52 Promotion of Danube logistics - MINDOP (1)

As already mentioned, MINDOP refers to the Manual on Danube Navigation of VIA.

viadonau

Manual on Danube Navigation

www.viadonau.org  (available in German, English and Hungarian)

The Manual on Danube Navigation captures the Danube waterway in all of its achievements, development and services, and also identifies navigation traffic potential and opportunities still awaiting utilisation and support.

The manual is intended for inland waterway transport trainees and navigation enthusiasts. Because it is also a textbook for training in this sector, the Manual on Danube Navigation contributes significantly to the dissemination of knowledge and is able to inspire future customers in utilising environmentally friendly waterway shipping..

Figure 53 Promotion of Danube logistics - MINDOP (2)

MINDOP has another subpage focusing on the Danube Logistics Promotion Centres. In this subpage, the Danube Logistics Promotion Centre flyer is integrated. Furthermore, all the Danube Logistics Promotion Centres as well as their contact details are listed.



Figure 54 Promotion of Danube logistics - MINDOP (3)

Best Service Set: Documentation








	<p>Bulgaria</p> <p>infodanube.vtu.bg</p> <p>UT - University of Transport Todor Kableshkov.</p>
	<p>Croatia</p> <p>www.crup.hr</p> <p>CRUP - Inland Navigation Development Centre Ltd.</p>
	<p>Hungary</p> <p>logisztika.rsoe.hu</p> <p>RSOE - National Association of Radio Distress-Signalling and Infocommunications</p>
	<p>Germany</p> <p>www.dst-org.de</p> <p>DST - Development Centre for Ship Technology and Transport Systems</p>
	<p>Austria</p> <p>www.viadonau.org</p> <p>viadonau - Austrian Waterway Company</p>
	<p>Romania</p> <p>www.infodanube.ro</p> <p>CERONAV - Romanian Maritime Training Centre</p>
	<p>Serbia</p> <p>www.aul.gov.rs</p> <p>PGA - Port Governance Agency</p>

Figure 55 Promotion of Danube logistics - MINDOP (4)

7.4 Hungary - RSOE

RSOE also lists all DLPC websites. Furthermore, they refer to the Hungarian version of the Manual on Danube navigation and refer to additional links of dunapromo. On the website of RSOE the DLPC flyer is available.



Promotion of Danube logistics

You can find the Manual on Danube Navigation in Hungarian at dhkrsoe.hu website, which provides extensive information through the following main chapters:

- Danube navigation at a glance
- Targets and strategies
- Waterway
- Ports and terminals
- Inland vessels
- River Information Services
- The market for Danube navigation
- Multimodal transport

In addition, on dunapromo.hu and dunapromo.myapps.hu websites give you information regarding the promotion of Danube shipping.

- dhkrsoe.hu
- www.dunapromo.hu
- dunapromo.myapps.hu

Figure 56 Promotion of Danube logistics – RSOE (1)



Other Danube Logistics Promotion Centres

There are further Danube Logistics Promotion Centres along the Danube, you can get more information about them in the next websites:

- www.dst-org.de/en/danube-skills/
- www.viadonau.org/en/economy/danube-logistics/
- www.crup.hr/?page=iwt_lpc
- www.infodanube.ro/PortsTerminals.html
- www.danubelogistics.gov.sk
- www.vtu.bg/project-danube-skills/

Figure 57 Promotion of Danube logistics - RSOE (2)

More information

If you click the links below you can get more interesting information about the activities

- Multimodal Report
- Special tasks
- DLPC national contacts



Figure 58 Promotion of danube logistics - RSOE (3)

7.5 Croatia - CRUP

CRUP is referring to the Manual on Danube Navigation and links to the Download on the website of VIA. They also offer the DLPC flyer, once under “promotion of Danube Logistics” and once at the beginning of their homepage. Furthermore, CRUP offers information on the RIS.



Figure 59 Promotion of Danube logistics – CRUP (1)

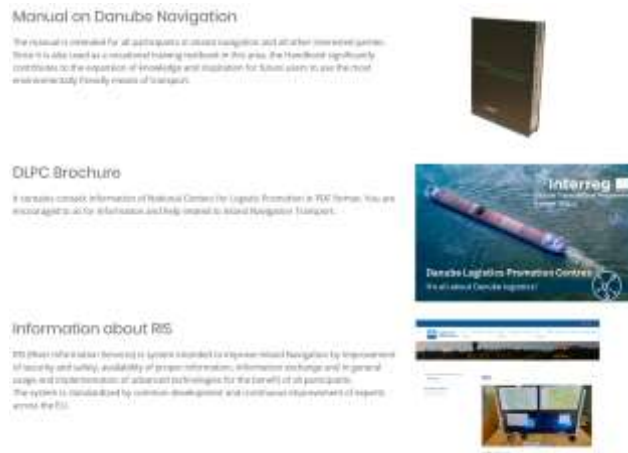


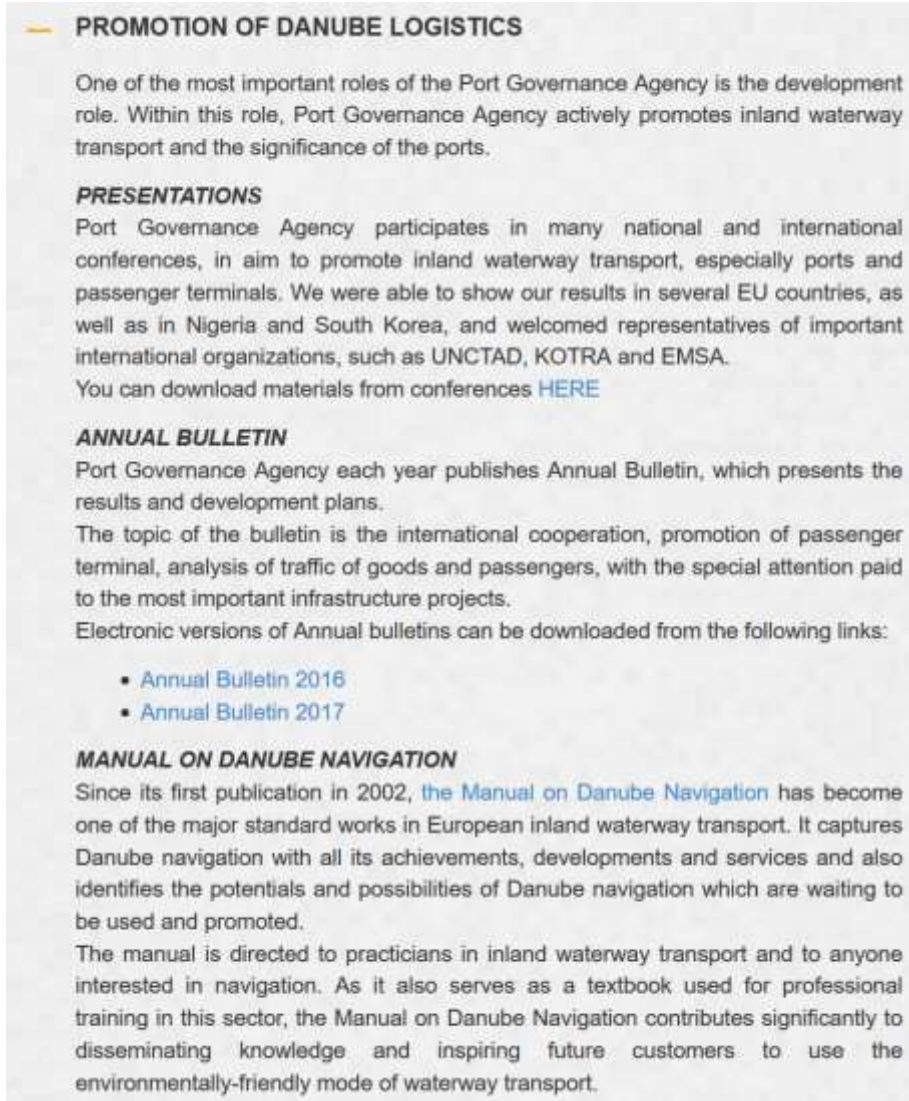
Figure 60 Promotion of Danube logistics - CRUP (2)



Figure 61 Promotion of Danube logistics - CRUP (3)

7.6 Serbia - PGA

Regarding the promotion of Danube Logistics PGA offers materials from conferences, in which they participated. Furthermore, PGA publishes the Annual Bulletin, which presents their results and development plans. PGA also refers to the Manual on Danube Navigation of VIA.



PROMOTION OF DANUBE LOGISTICS

One of the most important roles of the Port Governance Agency is the development role. Within this role, Port Governance Agency actively promotes inland waterway transport and the significance of the ports.

PRESENTATIONS

Port Governance Agency participates in many national and international conferences, in aim to promote inland waterway transport, especially ports and passenger terminals. We were able to show our results in several EU countries, as well as in Nigeria and South Korea, and welcomed representatives of important international organizations, such as UNCTAD, KOTRA and EMSA.

You can download materials from conferences [HERE](#)

ANNUAL BULLETIN

Port Governance Agency each year publishes Annual Bulletin, which presents the results and development plans.

The topic of the bulletin is the international cooperation, promotion of passenger terminal, analysis of traffic of goods and passengers, with the special attention paid to the most important infrastructure projects.

Electronic versions of Annual bulletins can be downloaded from the following links:

- [Annual Bulletin 2016](#)
- [Annual Bulletin 2017](#)

MANUAL ON DANUBE NAVIGATION

Since its first publication in 2002, [the Manual on Danube Navigation](#) has become one of the major standard works in European inland waterway transport. It captures Danube navigation with all its achievements, developments and services and also identifies the potentials and possibilities of Danube navigation which are waiting to be used and promoted.

The manual is directed to practitioners in inland waterway transport and to anyone interested in navigation. As it also serves as a textbook used for professional training in this sector, the Manual on Danube Navigation contributes significantly to disseminating knowledge and inspiring future customers to use the environmentally-friendly mode of waterway transport.

Figure 62 Promotion of Danube logistics - PGA (1)

In addition to the promotional offers of PGA presented in Figure 62, PGA also offers the Danube Logistics Promotion Centre Flyer.

Danube Logistic Promotion Centres in the Danube Region- Contact points

Figure 63 Promotion of Danube logistics - PGA (2)

7.7 Romania - CER

CER uses several promotional tools to promote Danube logistics. They refer to the Manual on Danube Navigation of VIA, they offer the Danube Logistics Promotion Centre flyer etc.

Promotion of Danube logistics

Manual of Danube Navigation
RIS - River Information Services Manual
ARILOG
Danube Logistics Promotion Centres- DLPC Contact points in the Danube Region
Integration of Romanian Ports into Rhin-Danube Corridor brochure
Study on the integration of inland waterway transport in the European transport logistics chain from a regulatory, funding and transport economics perspective

Figure 64 Promotion of Danube logistics - CER

7.8 Bulgaria - UT

UT uses the Manual on Danube Navigation as well as the BulRIS as promotional tools. They describe both and link to them.

Promotion on Danube logistics





- [Manual on Danube Navigation](#)
- [BULRIS](#)

Figure 65 Promotion of Danube logistics - UT (1)

In addition to the Manual on Danube Navigation and the BulRIS, UT uses the Danube Logistics Promotion Centre flyer as a promotional tool on their webpage.

DLPCs along the Danube




Danube Logistics Promotion Centres
It's all about Danube logistics!

Danube logistics promotion centres are additional contact points providing free of charge and online information on Danube logistics to:

- Cargo owners and other potential users of inland waterway transport
- Road and maritime operators
- Shipping companies and dry docks
- Forwarding companies and inland navigators
- Other stakeholders

The public contact points provide information & services on:

- Danube navigation: A navigation and communication in Danube navigation
- Economy: Waterborne navigation conditions, such as locks, traffic information etc.
- Road & Maritime: Inland waterway handling and storage facilities, companies operating in the Danube region
- Shipping and forwarding companies: Current data, intermodal cargo, containerisation, handling requirements
- Funding schemes: National and European
- Market opportunities: Forwarding services for inland economy transport



Germany
DLT - Development Centre for Ship Technology and Transport Systems
 1. Sanktessen 17
 2. 47801 Hamburg
 3. Carl Meier
 4. +49 40 30 39 394 0
 5. dlt@dlc.org.de
 6. www.dlt.org.de/interreg-danube-logistics

Slovakia
MÚV - Ministry of Transport and Construction of Slovak Republic
 1. Bratislava
 2. 811 01 Bratislava
 3. Jozef Štefánik
 4. +421 2 524 94 808
 5. jstefan@muv.gov.sk
 6. www.danubelogslovakia.gov.sk

Croatia
CRDP - Inland Navigation Development Centre Ltd.
 1. Rijeka
 2. 51000 Zadar
 3. Ante Starčević
 4. +385 91 4131 567
 5. info@crdp.hr
 6. www.crdp.hr

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 1. Sibiu
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 5. info@ceirnav.ro
 6. www.ceirnav.ro

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 5. wafnema@wafnema.org
 6. www.wafnema.org/wafnema

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 1. Budapest
 2. 1056 Budapest
 3. Csoplyai Művelődési és Sportközpont
 4. +36 1 523 41 440
 5. gabor@hirsz.hu
 6. www.hirsz.hu/hirsz.hu

Serbia
NSA - Port Governance Agency
 1. Belgrade
 2. 11000 Belgrade
 3. Kraljice Marije
 4. +381 11 8334 070
 5. info@nsa.gov.rs
 6. www.nsa.gov.rs

Bulgaria
UT - University of Transport and Communications
 1. Sofia
 2. 1074 Sofia
 3. Plovdiv
 4. +359 883 511 400 0
 5. info@ut.bg
 6. www.ut.bg

Figure 66 Promotion of Danube logistics - UT (2)

8 Further IWT related information/services/tools

Of course partners are allowed and are being encouraged to present information on further topics and not just on the mandatory ones. This chapter focuses on information presented by the Danube Logistics Promotion Centres on their websites in addition to the mandatory information. One example for an additional topic is nautical and vessel design.

The following subchapters will present the information provided by the Danube Logistics Promotion Centres about additional topics on their websites.

8.1 Germany - DST

Regarding further topics, DST offers two interactive maps. One is about the TEN-T network and the other one is on Danube ports.

Interactive Maps

- [Interactive map of the TEN-T network \(TENtec Interactive Map Viewer\)](#)
- [Interactive map Danube ports \(Ports on the Danube and its tributaries\)](#)

Figure 67 Further topics - interactive maps - DST

DST also refers to the Federal Waterways and Shipping Administration and the information they gathered on inland navigation and the environment as well as on the development of the Danube. Furthermore, they also offer an overview of different types of inland waterway vessels.

The Federal Waterways and Shipping Administration has also compiled some information on [inland navigation and the environment](#) as well as to the [development of the Danube](#).

There are many different types of inland waterway vessels on the Danube. An overview of size, performance, load capacity, etc. can be found [here](#).

Figure 68 Further topics - information by the Federal waterways and Shipping Administration and types of inland waterways vessels – DST

8.2 Austria - VIA

VIA is responsible for inland waterways and inland navigation in Austria. Therefore, on the website of VIA information on all kinds of topics related to inland waterways and inland navigation can be found.

Within the Danube SKILLS project VIA updated the waterway maps, which are available for download in “publications” session on the viadonau website as well as in hard copy. VIA also printed the updated waterway maps and sent them to all projects partners via post. These maps should be used at various occasions and events as a visualisation of the Danube (and the entire Rhine-Main-Danube axis as well as the Black sea) with all its lock, ports, main road and rail connections and waterway classes.



viadonau ▶ Newsroom ▶ Publications ▶ Waterway Maps

Waterway Maps



Last change:
24. 05. 2019

+
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Danube Waterway Map 2019
[Click here to download](#)
Paper size A1

Danube Waterway Map 2019
[Click here to download](#)
Paper size A3



Figure 69 Further topics - Waterway maps – VIA

8.3 Slovakia - MINDOP

MINDOP has integrated several further topics onto its website. MINDOP gives extremely detailed information on the project Danube Skills. First, MINDOP offers a list of useful links to institutions, associations and information portals related to inland water way transports, the Danube and Rhine River and logistics in general

Useful links

🕒 Updated at: 20.05.2019 👤 Author: DLCP 📷 Photos: 0

Inland Navigation Europe:
www.inlandnavigation.eu www.inland-navigation-market.org

Short sea organization
www.shortsea.info

Ministry of Transport and Construction of the Slovak Republic, Section of Water Transport
www.mindop.sk

Danube Commission
www.danubecommission.org

Central Commission for the Navigation of Rhine
www.ccr-zkr.org

European Barge Union
www.ebu-uenf.org

European Barge Union
www.ebu-uenf.org

European Transport Workers Federation
www.etf-europe.org


Online magazín Svet Dopravy
www.svetdopravy.sk

Online magazín Transport a Logistika
www.transport.sk

Figure 70 Further topics - useful links – MINDOP (1)

Third, MINDOP offers several documents like a study on the integration of inland waterway transport or the White paper of transport for download.

Documents

CATEGORIES

WEBSITE

DOCUMENTS

DANUBE LOGISTICS
PROMOTION CENTRE

DANUBE WATERWAY

PARTNERS

LINKS

OTHER DLPC

NEWS

NAVIGATIONAL
ARRANGEMENTS

Annual Report 2018 Inland Navigation in Europe

 Updated at: 20.05.2019  Author: DLCP  Photos: 0

[+ Zobrazit celý článok](#)

Study on the integration of inland waterway transport

 Updated at: 20.05.2019  Photos: 0

[+ Zobrazit celý článok](#)

White paper of Transport Illustrated brochure

 Updated at: 20.05.2019  Author: DLCP  Photos: 0

[+ Zobrazit celý článok](#)

White paper of Transport

 Updated at: 20.05.2019  Author: DLCP  Photos: 0

[+ Zobrazit celý článok](#)

Figure 71 Further topics - documents – MINDOP (2)

Fourth, MINDOP refers to two authorities for information on navigational arrangements.

Navigational arrangements

Updated at: 20.05.2019 Photos: 1



Transport Authority

www.slovris.sk

Daily update information directly from the Transport Authority or SlovRIS website.



Transnational IWT barrier reporting tool

www.prodanube.eu

Figure 72 Further topics - navigational arrangements – MINDOP (3)

8.4 Hungary - RSOE

In addition to the mandatory information, RSOE also offers information on nautical and vessel design and general additional information e.g. a report on “Elaboration of advantages of the Danube FIS portal for Danube logistics”.

Nautical and vessel design

You can use the following website to enhance your knowledge of ship designs and the shipbuilding process.

- dtkursoe.hu

Basically, inland cargo vessels operating on the river Danube and its navigable tributaries can be divided into three types according to the combination of their propulsion systems and cargo holds:

- Motor cargo vessels (or self-propelled vessels) are equipped with a motor drive and cargo hold. Motor cargo vessels can be subdivided into dry cargo vessels, motor tankers, container and Ro-Ro vessels (see below under “Main types of vessels according to cargo type”)
- Pushed convoys consist of a pusher (motorised vessel used for pushing) and one or more non-motorised pushed lighters or pushed barges that are firmly attached to the pushing unit. We talk about a coupled formation or pushed-coupled convoy if a motor cargo vessel is used for propelling the formation or convoy instead of a pusher. A coupled formation consists of one motor cargo vessel with one to two lighters or barges coupled on its sides, whereas a pushed-coupled convoy has one to two lighters or barges coupled to the motor cargo vessel on its sides with additional lighters or barges placed in front of it.
- Tugs are used to tow non-motorised vessel units, so-called barges (vessels for carriage of goods with a helm for steering). Towed convoys are rarely used on the Danube any more because they are less cost-effective than pushed convoys.



Figure 73 Further topics - nautical and vessel design - RSOE

More information

If you click the links below you can get more interesting information about the activities

- [Multimodal Report](#)
- [Special tasks](#)
- [DLPC national contacts](#)



Figure 74 Further topics - more information – RSOE

8.5 Croatia - CRUP

CRUP offers information on the basic types of vessels involved in river freight transport on the Danube. They give a short explanation of each type, which appears when you place the cursor on the picture.

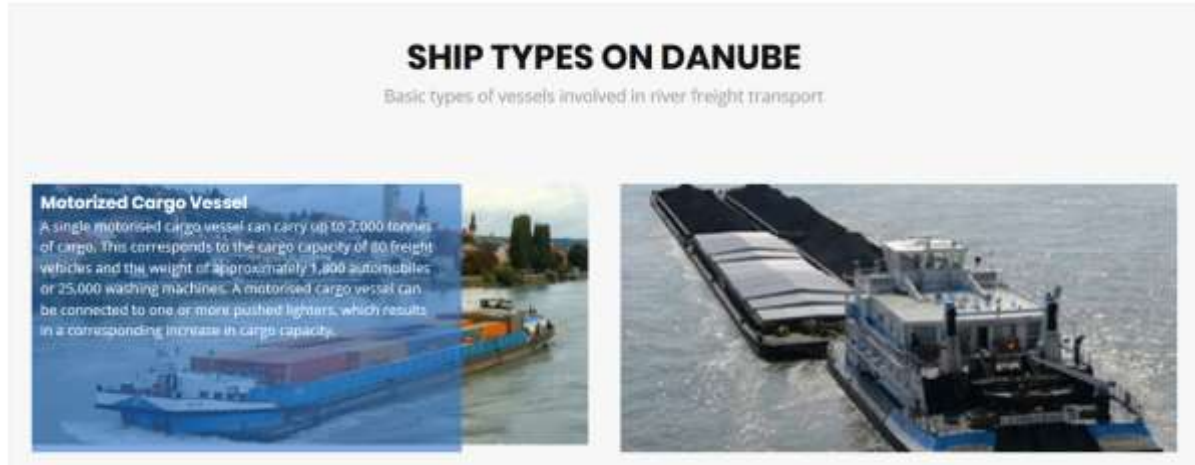


Figure 75 Further topics - basic ship types on the Danube – CRUP

8.6 Serbia - PGA

Within the Danube SKILLS project PGA developed and published port database on Serbian ports called “ILIS”. Thus, there was no database or any similar systematically gathered information on precise location, accessibility, railway/road links, infrastructure and equipment of ports and harbors this lack of accurate and appropriate information usually made it difficult to plan logistics.

By creating the ILIS database, PGA enabled all stakeholders to access necessary information that will be used to facilitate and speed up the logistics planning for the transport of people and goods through the ports and harbors.

Shipping companies, logistic service providers and port operators are now able to expand the range of their services and create more competitive market. Consequently, end users receive high quality service.

Also, public authorities can use transshipment data for different analysis and making strategic decisions about:

- Further development of the port (investments in the construction, maintenance and modernization of port infrastructures, which is in the public property);
- Capital investments for future investors to open new ports increase the performance of port activities, as well as the construction of port infrastructure.

The port data base contains information on 11 ports in English and Serbian. Each port



Figure 76 Further topics - ILIS - PGA

8.7 Romania - CER

Regarding further topics, CER offers an overview of the different types of inland waterway vessels.

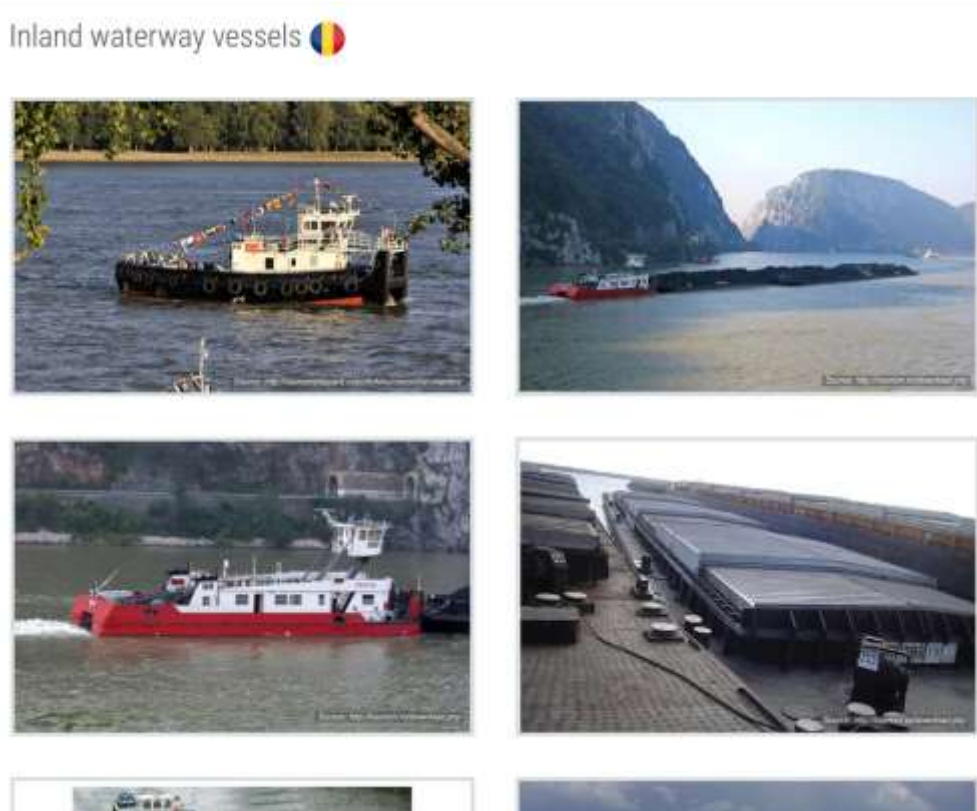


Figure 77 Further topics - inland waterway vessels - CER

8.8 Bulgaria - UT

UT is giving further information on nautical and vessel design. They are explaining and comparing the different types of vessels. The capacity of the vessels is compared to trucks and pictures give an impression how the ships look like. Furthermore, UT is offering different documents to download.

Nautical and vessel design

Types of Vessels

- [Motor Cargo Vessels](#)
- [Pushed Tugs](#)



Motor Cargo Vessel	54.8 m
Length: 67 m	
Width: 6.2 m	
Max. draught: 2.8 m	
Deadweight (DWT): 500 t	

Bulkcarrier	54.8 m
Length: 85 m	
Width: 9.8 m	
Max. draught: 2.5 m	
Deadweight (DWT): 1,200 t	

Large motor vessel	90.2 m / 110.2 m
Length: 99 m / 110 m	
Width: 15.4 m / 11.4 m	
Max. draught: 2.7 m / 3.5 m	
Deadweight (DWT): 2,000 t / 3,000 t	

Main types of dry cargo vessels

Tanker	90.4 m
Length: 110 m	
Width: 11.4 m	

Dry Cargo Vessels

Dry cargo vessels are used for transporting a wide variety of goods including oil, wood, coal, grain and ore. These vessels can be used for almost anything and therefore reduce the number of empty runs (sailing with no return cargo). The class of vessel can generally carry between 1,000 and 2,000 tons of goods and is often used on the Danube to transport limestone or pushed-tugged concrete. Dry cargo vessels can be divided into three main classes.

Source: Via Europe.

Tankers

Tankers transport various types of liquid goods, such as mineral oil and derivatives (petrol, diesel, heating oil), chemical products (acids, bases, bromine, alkyne, methanol) or liquid gas. The majority of the liquid goods mentioned above are hazardous goods which are transported using special tanker vessels and equipped with the appropriate safety devices. European regulations and recommendations, such as the ADN and ADN-E, as well as national legislation governing the transport of hazardous goods have particular relevance in this context. Tankers used on the Danube have an average loading capacity of around 2,000 tons. As is the case with the navigation of dry cargoes, the transport of liquid goods on the Danube is carried out primarily by pushed convoys. Modern tankers have a double hull which prevents the cargo from leaking in the event that

Figure 78 Further topics - nautical and vessel design - UT

Documents

- NAIADES II**
- European Union Strategy for the Danube Region (EUSDR)**
- River Information Services (RIS)**
- Maritime Space, Inland Waterways and Ports of the Republic of Bulgaria Act**
- Merchant Shipping Code of Republic of Bulgaria**
- Ordinance No 6 on Seafarers' Competence in the Republic of Bulgaria**

Figure 79 Further topics - Documents - UT

9 Conclusion

DST has fulfilled all the criteria of the Best Service Set. The content they are offering is market neutral and complete. They offer content on all requested topics and additional content. The additional content includes two interactive maps, a link to the Federal Waterways and Shipping Administration and an overview of different types of inland waterway vessels. They use promotional material like the Danube Logistics Promotion Centre Flyer. All topics presented have introduction texts. Their website is available in English and in German and they used the correct wording.

VIA could not create an independent and centrally accessible subpage as the website of VIA is historically grown, but VIA has created a subpage about Danube Logistics Promotion Centres and VIA is offering all content and more requested by the guidelines of Danube SKILLS. The content offered by VIA is available in German and in English; all the topics have introduction texts. VIA itself promotes the Danube and uses the promotional tools like the Manual on Danube Navigation or the DLPC flyer. VIA is a governmental institution and therefore completely market neutral, as is their content.

MINDOP has created an independent website and not just a subpage. The content on the website is available in English and in Slovak. The website includes all mandatory topics and furthermore, a list of useful links, several documents for download and the topic navigational arrangements. All topics have an introduction text and the content is presented market-neutral. MINDOP uses promotional tools like the Danube Logistics Promotion Centre flyer and the Manual on Danube Navigation of VIA.

RSOE has created an independent website instead of a subpage. The content of the webpage is available in English and in Hungarian. All topics have introduction texts. The other Danube Logistics Promotion Centres and the Hungarian Manual on Danube Navigation are mentioned. All the topics are presented market neutral. The website includes information on nautical and vessel design and general information e.g. a report on “Elaboration of advantages of the Danube FIS portal for Danube logistics” in addition to the mandatory information.

CRUP has created an independent and centrally accessible webpage, which is available in English and in Croatian. All the mandatory topics and one additional topic are presented in a market neutral way. In addition to the mandatory topics, CRUP is giving information on the basic types of vessels involved in river freight transport on the Danube. The topics have short and interesting introduction texts. CRUP has made the DLPC flyer available twice and they refer to the Manual on Danube Navigation. Furthermore, they offer information on RIS.

PGA fulfils all the criteria defining a Best Service Set. They have created an independent and centrally accessible subpage, which is easy to find and easy to access. The provided content is available in English and in the national language. Each topic has an introduction text and they are using promotional instruments to promote Danube logistics. The offered content is market neutral. In addition to the mandatory topics, PGA offers ILIS.

CER has created an independent and centrally accessible subpage, on which the content is available in English and the national language. The offered content is market neutral and each topic has an introduction text. CER uses several promotional instruments and offers an overview of the different types of inland waterway vessels.

UT has created an independent webpage. The content on this webpage is available in English and in Bulgarian. Additional information is given on the topic nautical and vessel design. Furthermore, UT offers different documents for download. All the different topics presented have introduction texts. Promotional instruments like the Danube Logistics Promotion Centre flyer or the BulRIS are being used and the webpage is market neutral.