



Effective Waterway Management

For an efficient infrastructure

viadonau

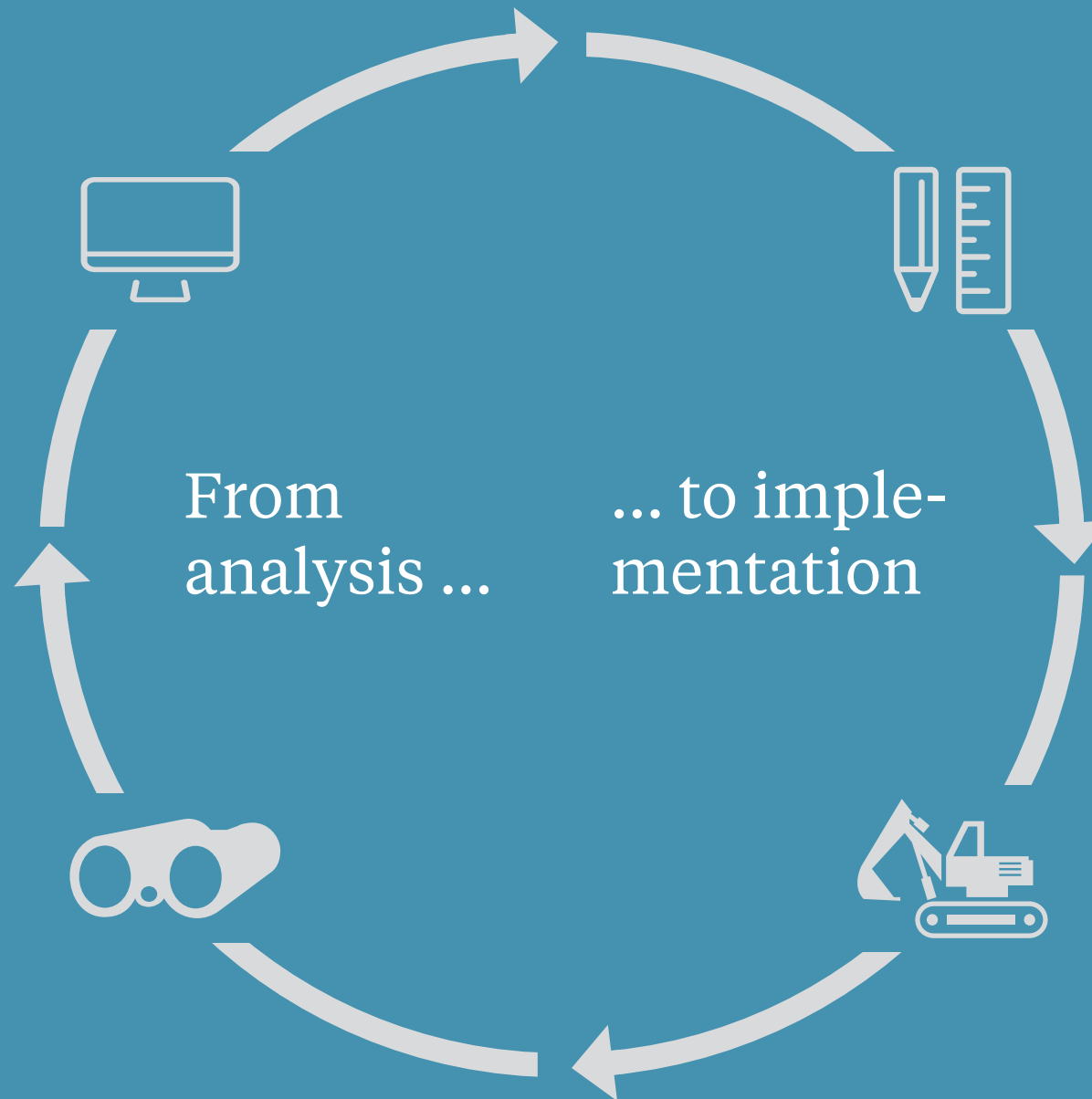
The waterway is our vocation.



viadonau stands for far-sighted and proactive waterway management. The implementation of precise and responsible maintenance work means that we can offer the economy an efficient and competitive mode of transport, while at the same time keeping the protection of the Danube's precious ecology in sight.

To inform

- Ongoing information concerning the current state of the fairway together with water level forecasts for users of the waterway
- Websites, mobile apps, electronic waterway maps, Notices to Skip-pers, SMS services etc.



To plan

- Analysis of riverbed surveys
- Planning and prioritisation of measures for the maintenance of the fairway
- Preparation of river engineering projects to improve the infrastructure

To observe

- Continuous monitoring of critical sectors and general surveying of the riverbed
- Monitoring of water levels (hydrology)

To carry out

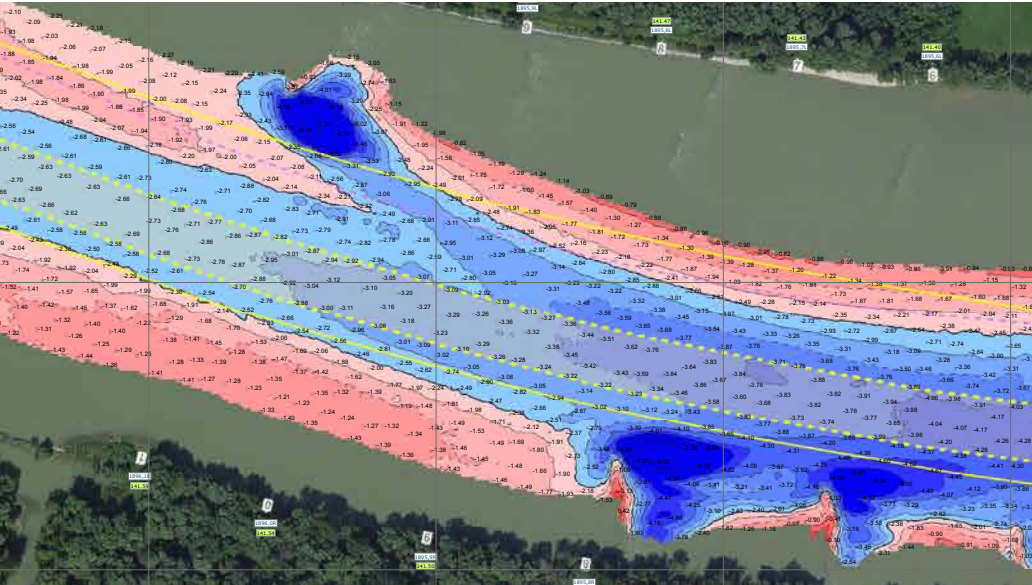
- Implementation of maintenance measures (dredging, gravel dumping, alignment of the fairway)
- Optimisation of river engineering structures (groynes and training walls)
- Monitoring (success control) of these measures



The waterway is always in focus

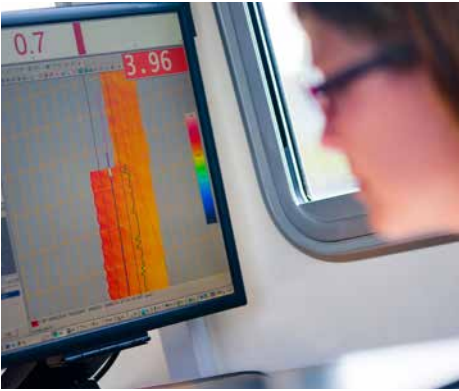
We constantly monitor the condition of the waterway. Our riverbed surveys provide an invaluable basis for detecting shallow sections of the fairway.

During these surveys we regularly find and recover objects from the fairway, thereby ensuring that navigation is problem free and the environment remains clean.



Efficient to modernise

We develop modern information and communication systems in order that shipping receives current and accurate information relating to the Danube waterway. This ensures safe navigation and optimal transport planning for inland waterway vessels.



Proactive action – sustainable development

We plan our actions proactively and with foresight. We consider the ongoing development of our management of the waterway to be a continuous improvement process.



Continuous optimisation of the fairway

We are responsible for the continuous maintenance and improvement of the waterway infrastructure.

In doing so, we regularly remove aggradation in critical sectors. The gravel dredged from the Danube is transported upstream and returned to the river or used for ecologically valuable gravel structures.

We improve the infrastructure by means of river engineering projects in order to facilitate safe and cost-efficient shipping.



Did you know that ...

... more than 100 surveys of shallow sections of the Danube in Austria are carried out each year?

... viadonau has been developing and operating the electronic inland navigation information system DoRIS since 2006 ?

... 250,000 to 400,000 m³ of gravel are dredged from and relocated on the Austrian Danube each year in order to keep the fairway clear?

... more than 1 million passengers are transported on the Danube in Austria every year?

... the material dredged by viadonau is transported and deposited exclusively upstream? As a result of this, the gravel in the free-flowing section of the Danube east of Vienna remains on average 2-3 years longer and actively counteracts the degradation of the riverbed.

... 350 km of the Danube flows through Austria, and it is navigable for freight and passenger ships for a total 2,415 km?

... between 9 and 12 million tons of goods are transported each year on the Austrian section of the Danube?





Get the APP



DoRIS mobile

via donau – Österreichische
Wasserstraßen-Gesellschaft mbH
Donau-City-Straße 1, 1220 Vienna
T +43 50 43 21-1000, F +43 50 43 21-1050
office@viadonau.org, www.viadonau.org

Photos © viadonau, Andi Bruckner, Pilo Pichler & Johannes Zinner
© viadonau 2016