

## [GRENDEL – Green and Efficient Danube Fleet \(DTP2-052-3.1-GRENDEL\)](#)



The project aims to support the Danube vessels operators and their public counterparts in ecological and economic modernisation of the inland navigation sector and in definition and deployment of necessary transition measures. Dedicated activities will raise the awareness of the Danube fleet operators & sector concerning the impact of new regulations, advanced technologies which reduce air pollutants & energy consumption of inland vessels as well as improved transport & logistics management processes making use of digitalisation. On the other side, GRENDEL will support ministries and public authorities in elaborating public support measures (State Aid schemes) based on investment priorities of relevant Danube inland waterway fleet operators.

Improving the environmental and economic performance of the Danube fleet is the overall goal of the GRENDEL project. It aims to achieve a higher acceptance and use of inland waterway transport (IWT) as an environmentally friendly transport mode contributing to economic growth and a more sustainable transport system in the Danube region. GRENDEL addresses various fleet modernisation aspects: [i] use of low carbon & alternative fuels, [ii] reduction of air pollutant emissions (CO<sub>2</sub>, NO<sub>x</sub>, PM) and [iii] overall energy consumption. Besides this, [iv] transport & logistics management processes are addressed to ensure better integration of the Danube IWT into logistics chains through new services (including River Information Services), digital data provision as well as dedicated tools to improve efficiency of fleet operations.

### **Project background**

The GRENDEL project is co-funded by European Union Funds (ERDF, IPA) under the Danube Transnational Programme and will run for 30 months (June 2018 – November 2020). It will be implemented by a transnational consortium of 13 co-funded organisations and 10 associated strategic partners (ministries of transport, vessel operators and their associations, authorities) from 7 Danube countries. The project has a total budget of 1,824,999.20 EUR, out of which ERDF contribution amounts 1,481,137.05 EUR & IPA contribution amounts 70,112.25 EUR.

More information is available at: [www.interreg-danube.eu/grendel](http://www.interreg-danube.eu/grendel)