Interreg

Danube Transnational Programme

EUROPEAN UNION

GRENDEL

The Fact sheet provide a short information about the project GRENDEL "Green and efficient Danube fleet" which is co-funded through the Danube Transnational Programme of the European Union (ERDF and IPA funds). GRENDEL is the only Danube project establishing framework for the modernisation of the inland vessels sailing on the Danube.

FACT SHEET

ABOUT GRENDEL PROJECT

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Edition January 2019

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Long service life of inland vessels, high investment costs, low re-investment capacity of the Danube fleet operators together with knowledge deficits about green technologies as well as the lack of public actions & incentives impose severe barriers for the adaption of the Danube IWT fleet to forthcoming European IWT and environmental policy objectives.

The GRENDEL project supports the Danube vessel fleet operators and their public counterparts in modernisation of the sector. GRENDEL addresses various fleet modernisation aspects: [i] use of low carbon & alternative fuels, [ii] reduction of air pollutant emissions (CO_2, NO_x, 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.

The project's overall goal is the improvement of the environmental and economic performance of the Danube fleet. This will be achieved through three specific objectives:

1. Know-how transfer for Danube fleet operators with the help of intensive transnational collaboration between private & public stakeholders and targeted know-how transfer activities in order to overcome the existing knowledge gap, lack of activities and absence of instruments to deploy innovative solutions
2. Elaboration of innovative technical vessel concepts and improved transport & logistic management processes of fleet operators and sharing these as good practices for wide-scale implementation to strengthen the competitive position of inland navigation and to exploit its market potential
3. Supporting development of favourable regulatory framework & well-designed public support measures by introducing Model State Aid Scheme & innovative financial instruments to design national public support measures which will clearly address the needs of the sector

With its activities, GRENDEL 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.

PROJECT PARTNERS

Pro Danube International (AT) • DST - Development Centre for Ship Technology & Transport Systems (DE) • National Association of Radio Distress-Signalling and Infocommunications (HU) • Danube Commission (International Organisation) • Bulgarian-Romanian Chamber of Commerce and Industry (BG) • Pro Danube Romania (RO) • Romanian Maritime Training Centre – CERONAV (RO) • Ship Design Group S.R.L. Galati (RO) • Romanian Naval Authority (RO) • River Navigation Company NAVROM SA (RO) • Fluvius Shipping and Forwarding Ltd. (HU) • Danubia Kreuzfahrten GmbH (AT) • Pro Danube Serbia (RS)

ASSOCIATED STRATEGIC PARTNERS

Federal Ministry for Transport, Innovation and Technology (AT) • Ministry of National Development (HU) • Executive Agency Maritime Administration (BG) • CFND (RS) • DTSG (AT) • Bulgarian River Shipping (BG) • Romanian River Ship Owners and Port Operators Association (RO) • BAVARIA (DE) • Ministry of Maritime Affairs, Transport and Infrastructure (HR) • Ministry of Transport (RO) • Ministry of Transport and Construction (SK)

GRENDEL project is co-funded through the Danube Transnational Programme of the European Union (ERDF and IPA funds). The project runs from 1 June 2018 until 30 November 2020. The total budget of the project is 1.825 M€, divided between 13 beneficiaries.

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