



Co-financed by the European Union

INDanube – Centre for innovation transfer in the Danube region

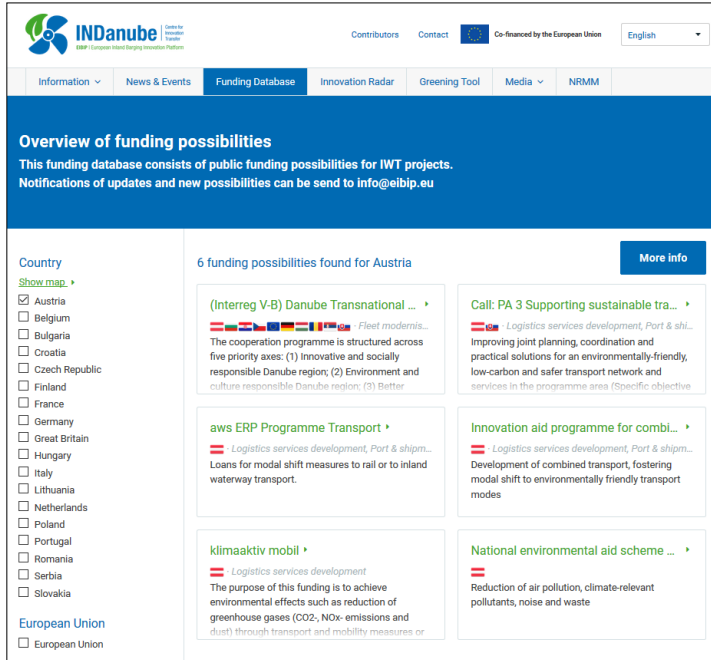
National funding schemes & EU funding options

Workshop on modernisation of Danube vessels fleet

Lucia KARPATYOVA



European Funding Database









Overview of funding possibilities
This funding database consists of public funding possibilities for IWT projects. Notifications of updates and new possibilities can be send to info@eibip.eu

Country: [Show map](#)

- Austria
- Belgium
- Bulgaria
- Croatia
- Czech Republic
- Finland
- France
- Germany
- Great Britain
- Hungary
- Italy
- Lithuania
- Netherlands
- Poland
- Portugal
- Romania
- Serbia
- Slovakia
- European Union

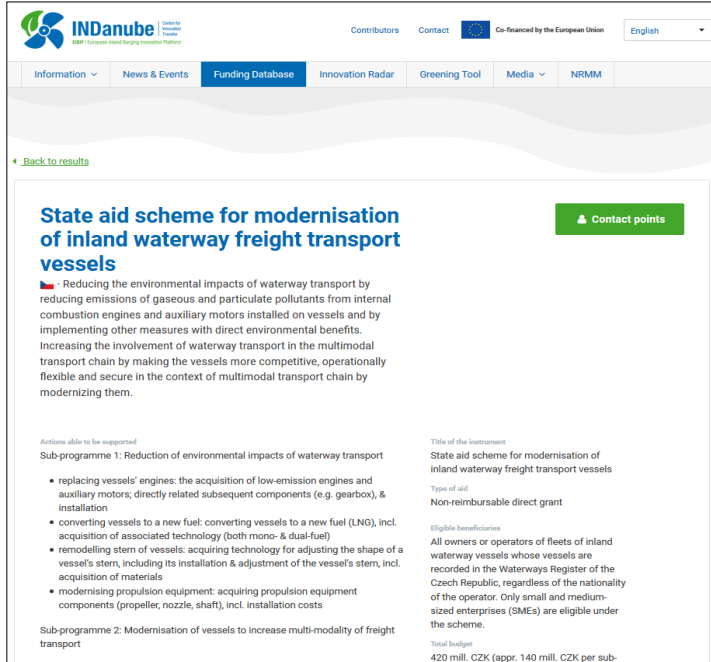
6 funding possibilities found for Austria [More info](#)

- (Interreg V-B) Danube Transnational ...**
 *Fleet modernis...*
 The cooperation programme is structured across five priority axes: (1) innovative and socially responsible Danube region; (2) Environment and culture responsible Danube region; (3) Better
- Call: PA 3 Supporting sustainable tra...**
 *Logistics services development, Port & shi...*
 Improving joint planning, coordination and practical solutions for an environmentally-friendly, low-carbon and safer transport network and services in the programme area (Specific objective
- aws ERP Programme Transport**
 *Logistics services development, Port & shipm...*
 Loans for modal shift measures to rail or to inland waterway transport.
- Innovation aid programme for combi...**
 *Logistics services development, Port & shipm...*
 Development of combined transport, fostering modal shift to environmentally friendly transport modes
- klimaaktiv mobil**
 *Logistics services development*
 The purpose of this funding is to achieve environmental effects such as reduction of greenhouse gases (CO₂, NO_x emissions and dust) through transport and mobility measures or
- National environmental aid scheme ...**
 *Logistics services development*
 Reduction of air pollution, climate-relevant pollutants, noise and waste

- European Funding Database, maintained by EIBIP, is an online tool consolidating public funding opportunities relevant for inland waterway transport (IWT) sector. Through this tool the IWT users can search for various funding opportunities and calls either by country or by pre-defined policy areas:

- Fleet modernisation
- Human resources development
- Logistics services development
- Port & shipment modernisation

European Funding Database



The screenshot shows the EIBIP website interface. At the top, there is a navigation bar with the INDanube logo, a search bar, and a language dropdown set to English. Below the navigation bar, there are tabs for Information, News & Events, Funding Database (selected), Innovation Radar, Greening Tool, Media, and NRRM. The main content area displays a search result for a state aid scheme. The title is "State aid scheme for modernisation of inland waterway freight transport vessels". A green button labeled "Contact points" is visible. The description includes details about the scheme's objectives, supported actions, and eligible beneficiaries.

State aid scheme for modernisation of inland waterway freight transport vessels [Contact points](#)

Reducing the environmental impacts of waterway transport by reducing emissions of gaseous and particulate pollutants from internal combustion engines and auxiliary motors installed on vessels and by implementing other measures with direct environmental benefits. Increasing the involvement of waterway transport in the multimodal transport chain by making the vessels more competitive, operationally flexible and secure in the context of multimodal transport chain by modernizing them.

Actions able to be supported

Sub-programme 1: Reduction of environmental impacts of waterway transport

- replacing vessels' engines: the acquisition of low-emission engines and auxiliary motors; directly related subsequent components (e.g. gearbox), & installation
- converting vessels to a new fuel: converting vessels to a new fuel (LNG), incl. acquisition of associated technology (both mono- & dual-fuel)
- remodelling stern of vessels: acquiring technology for adjusting the shape of a vessel's stern, including its installation & adjustment of the vessel's stern, incl. acquisition of materials
- modernising propulsion equipment: acquiring propulsion equipment components (propeller, nozzle, shaft), incl. installation costs

Sub-programme 2: Modernisation of vessels to increase multi-modality of freight transport

Title of the instrument
State aid scheme for modernisation of inland waterway freight transport vessels

Type of aid
Non-reimbursable direct grant

Eligible beneficiaries
All owners or operators of fleets of inland waterway vessels whose vessels are recorded in the Waterways Register of the Czech Republic, regardless of the nationality of the operator. Only small and medium-sized enterprises (SMEs) are eligible under the scheme.

Total budget
420 mill. CZK (appr. 140 mill. CZK per sub-

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EU funding opportunities



CEF
programme



H2020
programme



Interreg



EUROPEAN UNION

European Union



European Regional
Development Fund
Investing in your future



European Union
Cohesion Fund



Investing
in your future





EU funding opportunities: CEF



The Connecting Europe Facility (CEF) for Transport is the funding instrument to realise European **transport infrastructure policy**. It aims at supporting investments in building new transport infrastructure in Europe or rehabilitating and upgrading the existing one.

Priorities

- Innovation & new technologies
- Motorways of seas

Next calls:

- CEF Call 2018: focus on digitalisation
- CEF Call 2019: the call relevant for the alternative fuels (so called “reflux” call)



EU funding opportunities: Horizon 2020



Horizon 2020 has a dedicated budget amounting €77 billion for **research and innovation** in the **areas of transport and energy** (programme period 2014-2020). **Mobility for Growth** call (part of the [Smart, green and integrated transport](#) challenge) → mode specific & transport integration specific challenges (urban, logistics, ITS, infrastructure)

TOPICS:

- making equipment and systems for vehicles, aircraft and **vessels smarter, more automated, cleaner and quieter, while reducing the use of fossil fuels**
- finding **smart infrastructure solutions** ...

Forthcoming calls

- [MG-3-2-2018: The Autonomous Ship](#) Closed on 31 Jan 2018
- [LC-MG-1-8-2019: Retrofit Solutions and Next Generation Propulsion for Waterborne Transport](#) Opening 5 Sep 2018
- [MG-2-6-2019: Moving freight by Water: Sustainable Infrastructure and Innovative Vessels](#) Opening 5 Sep 2018

Regional policy/ funding instruments

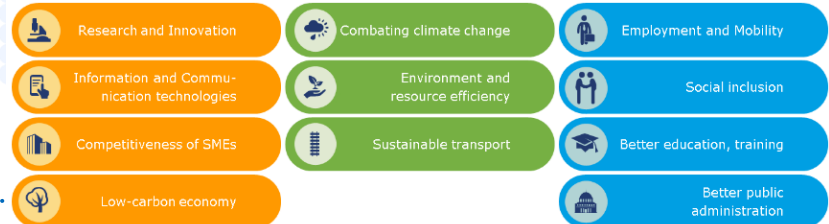


Operational Programmes

- The programmes are **prepared by each Member State** and/or region, and financed under the European Regional Development Fund or the Cohesion Fund & adopted by the European Commission at the beginning of a programming period (so that the amendments)
 - Operational programme for Transport // transport infrastructure // regional development (scope varies and addresses the needs of MS)



European Territorial Cooperation, e.g. Interreg incl. those addressing the Macro-regional strategies like [The EU Strategy for the Danube Region](#) (EUSDR)





National support schemes

01

FRANCE

IWT cargo fleet modernisation & innovation 2013 – 2017 incentive program

02

GERMANY

Support programmes for modernisation of maritime & inland vessels

03

CZECH REP

Support for modernisation of inland waterway freight transport (till 2021)

04

DANUBE

GRENDDEL – Project to support setting up national support schemes

FR: IWT cargo fleet modernisation & innovation incentive program



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Duration	2013-2017
Beneficiaries	French stakeholders
Eligible costs	<p>A. Modernise the fleet & strengthen IWT environmental performance: (1) retrofitting incl. re-motorisation beyond standards, adaptations to save energy consumption; (2) retrofitting to modernise vessels; (3) on-board handling equipment, loading optimisation software → subsidy 30%</p> <p>B. Encourage IWT new lines & improve cargo security: (1) launch new units matching structural developments & need for the fleet renewal; (2) adapt & renew the fleet to match specific clients' requirements, (3) construction of new units designed to call sea ports → subsidy for studies 50% & investment 20%</p> <p>C. support creation & development of IWT companies: (1) purchase of 1st ship resulting from the creation of an IWT company; (2) purchase of a 2nd larger unit (or a 2nd unit); (3) arranging accommodation facilities for an apprentice → subsidy 20%-30%</p> <p>D. encourage the uptake of innovation: Test & launch innovative solutions addressing reduction of energy consumption & air pollutant emissions → subsidy 50% of study (up to 70% if results are disclosed) Studies, engineering, constructions or adaptations, etc.</p>
Budget	The overall financial volume: 22.5 MEUR: <i>A. = 9 MEUR; B. = 7 MEUR, C. 5.5 MEUR, D. 1 MEUR</i>



DE: Maritime & Inland waterborne transport



	Maritime sector	Inland navigation
Programme	The funding is provided by “Mobilitäts- und Kraftstoffstrategie”	
Beneficiaries	German register or EU flag >51% operation in EU	German register / German Flag / Sailing on EU waterways
Topics	New-build & retrofit (LNG only)	<ul style="list-style-type: none"> • New-build & retrofit (DPF, SCR, SCR & DPF with flat rates) • Auxiliary drives, Ship equipment for shore power supply, Electrical power supply / hybrid systems, • Energy consulting • ncrease energy efficiency (-10%), e.g. hydrodynamics, propulsion improvement measures, fuel consumption display) • Digitalisation (telematics systems, autonomous systems - support ship guidance, travel planning)
Co-financing		Depending on the size of the company, the funding amounts to 40/50/60%
	WWW.BAV.Bund.DE	Old state aid scheme ends 2018 and new shall be launched as of 2019. The content known in autumn 2018.

CZ: Support for modernisation of inland waterway freight transport (1)



Programme	Operational Programme Transport → public support scheme
Duration	Until 31 December 2021
Form of aid	Non-reimbursable direct grant / Cohesion Fund (Applications will be submitted on the basis of calls)
Beneficiaries	All owners or operators of fleets of inland waterway vessels whose vessels are recorded in the Waterways Register of the Czech Republic , regardless of the nationality of the operator. Only small and medium-sized enterprises (SMEs) are eligible under the scheme. (<i>Estimated : 11 – 50</i>)
Eligible costs	Reasonable costs of drawing up technical documentation approved by an entity duly authorised to carry out technical inspections of vessels, or by a classification society recognised under EU legislation, constitute eligible costs under all sub-programmes
Budget	The overall financial volume: 420 MCZK (= 16,084,700 EUR with exchange rate 25/08/2017) Each sub-programme will be allocated 140 MCZK (= 5,361,580 EUR with exchange rate 25/08/2017)
Co-financing	Sub-programme 1: <u>85% of the eligible costs</u> Sub-programme 2 & 3: <u>85% for small enterprises</u> and <u>75% for medium-sized enterprises</u> Limit: all modernisations on a vessel under the aid scheme must not exceed 30% of the price of a new reference vessel (80 MCZK = 3.063.760 EUR). → limit is appr. 1 MEUR

@ Exchange rate from OANDA.COM on 25/08/2017

CZ: Support for modernisation of inland waterway freight transport (2)



Reduction of environmental impacts of waterway transport

Sub-programme 1

Eligible costs

- **replacing vessels' engines:** the acquisition of low-emission engines and auxiliary motors; directly related subsequent components (e.g. gearbox), & installation
- converting vessels to a **new fuel:** converting vessels to a new fuel (LNG), incl. acquisition of associated technology (both mono- & dual-fuel)
- **remodelling stern of vessels:** acquiring technology for adjusting the shape of a vessel's stern, including its installation & adjustment of the vessel's stern, incl. acquisition of materials;
- **modernising propulsion equipment:** acquiring propulsion equipment components (propeller, nozzle, shaft), incl. installation costs;



Modernisation of vessels to increase multi-modality of freight transport

Sub-programme 2

Eligible costs:

- purchasing **lightweight stacking covers** for the hold (cargo compartment), including installation in the vessel
- **raising hatchways**, including the purchase of materials
- horizontally **extending hatchways**, incl. the purchase of materials
- purchasing **transportation frames for passenger cars**
- broadening a vessel (push boats) or prolonging a vessel, incl. materials



Modernisation of vessels leading to increased safety of IWT

Sub-programme 3

Eligible costs

- fitting vessels with **bow steering equipment**, incl. installation
- purchasing and replacing **outer plating**, incl. replacement of affected vessel parts
- adding **radar** equipment, incl. installation
- replacing the **coating of submerged parts** (outer plating) or providing a new surface finish/protection for these parts
- reconstructing the **electrical wiring** on board, incl. purchase of electrical wiring

GRENDEL – Project key facts



PARTNERS

FUNDED PARTNERS

- Fleet owners & operators
- Innovation & technology organisations
- Education institutes
- Ship design experts
- River commission (Danube Commission)



ASP

ASSOCIATED STRATEGIC PARTNERS

- Ministries & their implementing bodies
- Other fleet owners & operators



BUDGET

1.8 MEUR



- ERDF contribution: 85%
- IPA contribution: 85%
- State contribution: up to 15%
- Own contribution: up to 15%



TIME

1.6.2018 – 30.11.2020

- 30 MONTHS

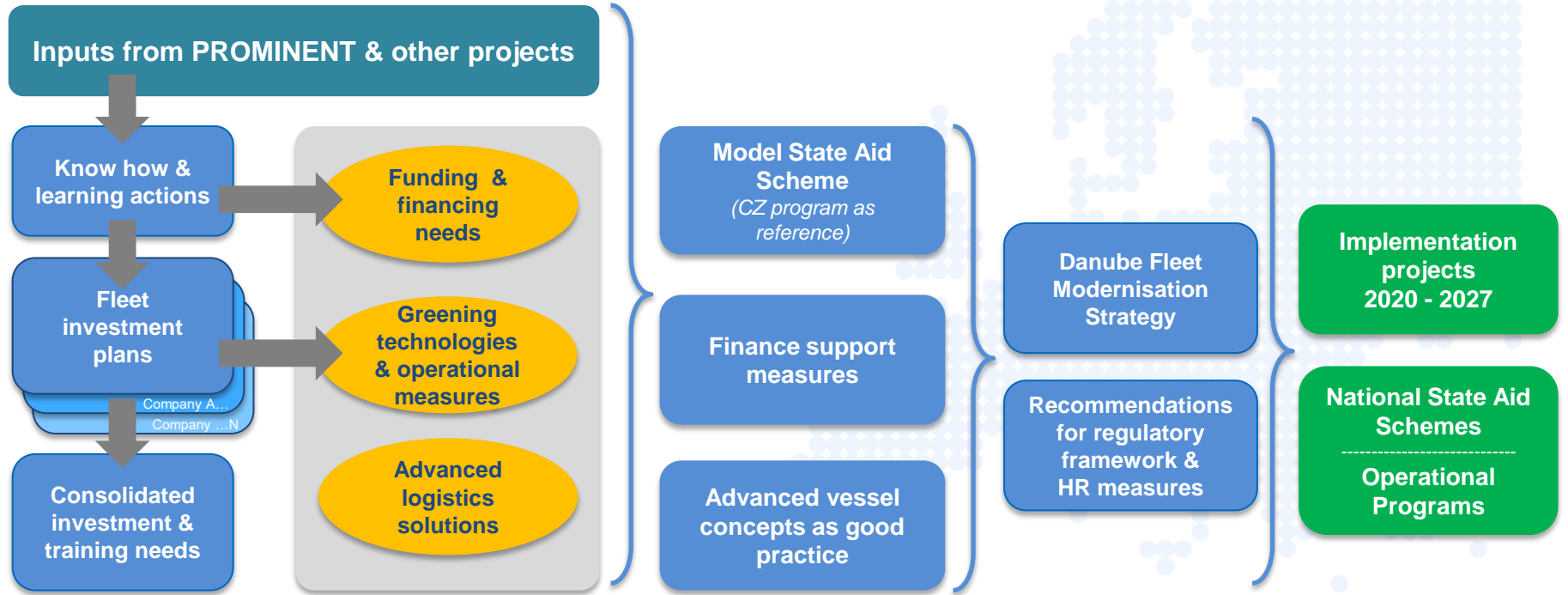


STAKE-HOLDERS

NON-FUNDED STAKEHOLDERS

- Fleet owners & operators
- Logistics service providers
- Technology providers
- Cargo owners

GRENDDEL: Work approach





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INDanube is run by **pro DANUBE** MANAGEMENT GMBH

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Supported by



INDanube - Centre for Innovation Transfer in the Danube Region

Welcome to INDanube, the facilitator and promoter of innovation in inland waterways transport on the Danube and its navigable tributaries.

[More information](#)