


Project Data Sheet

BASIC PROJECT DATA			
Full project title:	Building a Green Energy and Logistics Belt		
Short project title: (acronym)	ENERGY BARGE	Project logo:	
Project website:	www.interreg-danube.eu/energy-barge	Project ID:	PA1A118
Need and added value for Danube Region Strategy:	<ul style="list-style-type: none"> ▪ Foster the energy security and energy efficiency of the Danube region by supporting the development of joint regional storage and distribution solutions as well as strategies for increasing renewable energy usage ▪ Intensify the transnational cooperation among key actors in biomass supply chains including stakeholders from the agricultural sector, the biomass industry and logistics service providers ▪ Support the development of a better connected, interoperable and environmentally-friendly inland waterway transport system for the supply of different raw materials, intermediates and end products relevant for the bioenergy industry ▪ Position Danube ports as hubs for the processing and handling of biomass and strengthen their capability to connect with stakeholders along the bioenergy value chains ▪ Improve integrated practical solutions and policies to further develop secure and efficient supply chains of bioenergy feedstocks in the Danube region 		
Objective(s) of project:	<p>The overall objective of ENERGY BARGE is to foster sustainable usage of biomass for energy production in the Danube Region and to increase the share of environmentally-friendly biomass transports on the Danube. Through the assessment of biomass potentials and by bringing together relevant market actors along the value chain, the project will contribute to achieving the renewable energy targets of the EU Strategy for the Danube Region and to increasing energy security by providing regional solutions for energy use.</p>		
Planned project activities:	<ul style="list-style-type: none"> ▪ Survey the biomass availability and potential as well as the business landscape in the participating Danube countries ▪ Analysis of logistics requirements and support of a modal shift towards Danube logistics ▪ Implementation of pilot actions in Danube ports based on cooperation with regional biomass producers and suppliers ▪ Transfer of gained results and know-how among relevant stakeholders across the EU and elaboration of strategies for better integrated 		

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	policies and practical solutions to further develop biomass exploitation and bioenergy production along the Danube		
Transboundary impact:	<p>The project consortium includes partners from Germany, Austria, Slovakia, Hungary, Croatia, Bulgaria, Romania and international associations.</p> <p>ENERGY BARGE for the first time aims at exploiting the synergies between the bioenergy industry and the Danube logistics sector on a transnational level. It builds on national initiatives existing on the Upper Danube and transfers know-how and experience along the whole Danube corridor.</p>		
Project beneficiaries / target groups:	<ul style="list-style-type: none"> ▪ Stakeholders from the bioenergy industry ▪ Supply chain managers ▪ Chambers of Commerce and Industry Representations ▪ Port and terminal operators ▪ Shipping companies and ship brokers ▪ Forwarding companies ▪ Other logistics service providers 		
STATUS AND TIME FRAME			
Current project phase: (please tick a box)	<input type="checkbox"/> Definition (e.g. project idea, abstract) <input type="checkbox"/> Preparation (e.g. project proposal, feasibility study) <input type="checkbox"/> Implementation <input checked="" type="checkbox"/> Completion		
Start date:	01.01.2017	End date:	30.06.2019
Notes:	-		
PROJECT TEAM			
Project leader:	Fachagentur Nachwachsende Rohstoffe e.V. (Agency for Renewable Resources) - FNR/Germany		
Project partner(s):	<ul style="list-style-type: none"> ▪ BioCampus Straubing GmbH – Donauhafen Straubing-Sand (Port of Straubing-Sand)/Germany ▪ Technische Hochschule Deggendorf (Deggendorf Institute of Technology)/Germany ▪ BIOENERGY 2020+ GmbH/Austria ▪ via donau - Österreichische Wasserstraßen-Gesellschaft mbH (Austrian Waterway Company)/Austria ▪ Wiener Hafen und Lager Ausbau- und Vermögensverwaltung, GmbH & Co KG (Port of Vienna)/Austria ▪ International Centre for Applied Research and Sustainable Technology - ICARST/Slovakia ▪ MAHART-Freeport Co. Ltd ▪ Slovenská plavba a prístavy a.s.(Slovak Shipping and Ports)/Slovakia 		

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	<ul style="list-style-type: none"> ▪ National Agricultural Research and Innovation Centre - NARIC/Hungary ▪ Bajai OKK Kft. (Baja Public Port Ltd.)/Hungary ▪ University of Zagreb - SDEWES Centre/Croatia ▪ Lučka uprava Vukovar (Port Authority Vukovar)/Croatia ▪ Technology Center Sofia GmbH/Bulgaria ▪ Asociația Română Biomasă și Biogaz (Romanian Association of Biomass and Biogas) - ARBIO/Romania ▪ Federation of owners of forests and grasslands in Romania 	
Contact person:	Name:	-
	Organisation:	Agency for Renewable Resources - FNR
	Address:	Hofplatz 1, 18276 Gülzow-Prüzen, Germany
	Phone:	-
	E-Mail:	-
	Website:	http://international.fnr.de/
FINANCING		
Available: (please tick a box)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> Partly <input type="checkbox"/> No	
Total budget:	2,323,519.65 EUR	
Source(s) and amount (potential sources for project ideas): (please tick a box and provide further info)	<input checked="" type="checkbox"/> National/regional funds:	348,527.98 EUR (financing through project partners)
	<input checked="" type="checkbox"/> EU funds:	1,974,991.67 EUR (ERDF) The ENERGY BARGE project has been successfully submitted under the first call of the Danube Transnational Programme 2014-2020.
	<input type="checkbox"/> IFI loans:	
	<input type="checkbox"/> Private funds:	
	<input type="checkbox"/> Other:	
PROJECT ENVIRONMENT		
Project cross-reference:	<ul style="list-style-type: none"> ▪ INWAPO - Upgrading of Inland Waterways and Sea Ports ▪ DaHar - Danube Inland Harbour Development ▪ Fostering the sustainable usage of renewable energy sources in Central Europe - putting biomass into action (4Biomass) ▪ The Baltic Sea Region Bioenergy Promotion Project (Bioenergy Promotion & Bioenergy Promotion 2) 	

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	<ul style="list-style-type: none"> ▪ BERST - BioEconomy Regional Strategy Toolkit
Cross-reference ID(s):	PA1060 (INWAPO), PA1A059 (DaHar)
Strategic reference:	<ul style="list-style-type: none"> ▪ European Action Programme for Inland Waterways Transport (NAIADES II) ▪ Europe 2020-Strategy of the European Commission ▪ EU Strategy for the Danube Region ▪ European Commission's Biomass Action Plan (2005) ▪ Biomass Action Plan for the Danube Area as part of the EUSDR and the European Energy Security Strategy (SWD(2014)330final) ▪ National Renewable Energy Action Plans (NREAP)
Relevant legislation:	<ul style="list-style-type: none"> ▪ A Roadmap for Moving To a Competitive Low Carbon Economy in 2050 (COM(2011)112 final)) ▪ Renewable Energy Directive (2009/28/EC)
Other:	-
EUSDR EMBEDDING	
Relation to other Priority Areas of the Danube Region Strategy: (please tick a box)	<ul style="list-style-type: none"> <input type="checkbox"/> PA1b: To improve mobility and multimodality – Road, rail and air links <input checked="" type="checkbox"/> PA02: To encourage more sustainable energy <input type="checkbox"/> PA03: To promote culture and tourism, people and people contacts <input type="checkbox"/> PA04: To restore and maintain the quality of waters <input type="checkbox"/> PA05: To manage environmental risks <input type="checkbox"/> PA06: To preserve biodiversity, landscapes and the quality of air and soils <input type="checkbox"/> PA07: To develop the knowledge society through research, education and information technologies <input type="checkbox"/> PA08: To support the competitiveness of enterprises, including cluster development <input type="checkbox"/> PA09: To invest in people and skills <input type="checkbox"/> PA10: To step up institutional capacity and cooperation <input type="checkbox"/> PA11: To work together to promote security and tackle organised and serious crime
EUSDR COMPLIANCE	
Compliance with targets of the Danube Region Strategy: (please tick a box)	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Increase the cargo transport on the river by 20% by 2020 compared to 2010. <input type="checkbox"/> Solve obstacles to navigability, taking into account the specific characteristics of each section of the Danube and its navigable tributaries and establish effective waterway infrastructure management by 2015. <input checked="" type="checkbox"/> Develop efficient multimodal terminals at river ports along the Danube and its navigable tributaries to connect inland waterways with rail and road transport by 2020.

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	<input type="checkbox"/> Implement harmonised River Information Services (RIS) on the Danube and its navigable tributaries and ensure the international exchange of RIS data preferably by 2015. <input type="checkbox"/> Solve the shortage of qualified personnel and harmonize education standards in inland navigation in the Danube region by 2020, taking duly into account the social dimension of the respective measures.
Compliance with actions of the Danube Region Strategy: (please tick a box)	<input type="checkbox"/> To complete the implementation of TEN-T Priority Project 18 on time and in an environmentally sustainable way. <input type="checkbox"/> To invest in waterway infrastructure of Danube and its tributaries and develop the interconnections. <input type="checkbox"/> To modernise the Danube fleet in order to improve environmental and economic performance. <input type="checkbox"/> To coordinate national transport policies in the field of navigation in the Danube basin. <input type="checkbox"/> To support Danube Commission in finalising the process of reviewing the Belgrade Convention. <input checked="" type="checkbox"/> To develop ports in the Danube river basin into multimodal logistics centres. <input type="checkbox"/> To improve comprehensive waterway management of the Danube and its tributaries. <input checked="" type="checkbox"/> To promote sustainable freight transport in the Danube Region. <input type="checkbox"/> To implement harmonised River Information Services (RIS). <input type="checkbox"/> To invest in education and jobs in the Danube navigation sector.
Affiliation to thematic working group of Priority Area 1a of the EUSDR: (please tick a box)	<input type="checkbox"/> Waterway infrastructure and management <input checked="" type="checkbox"/> Ports and sustainable freight transport <input type="checkbox"/> Danube fleet <input type="checkbox"/> River Information Services <input type="checkbox"/> Education and jobs
OTHER RELEVANT ISSUES	
Project requirements:	-
Follow-up project:	-
Any other issues:	-