



Project factsheet - Assessment grid

PROJECT OVERVIEW	
Project Ref. No.	DRP0200088
Project title	Danube Region Programme
Acronym	Danube Indeet
Priority axis	2. - A greener, low-carbon Danube Region
SO	2.1 - RenewableEnergy
Lead partner	Landshut University of Applied Sciences
Lead partner country	Deutschland (DE)
Lead partner legal status	Public
Project duration	30
Total Interreg Funds	2131264.00
Total Eligible Budget	2664080.00

Project Summary

Danube Indeet will facilitate the expansion and implementation of renewable energy in the Danube region. Renewable energy expansion requires extension of the electricity grid, which often cannot be carried out at the same pace. Thus, the fluctuating electricity needs to be stored and utilised outside the electric grid to a certain extent. Danube Indeet tackles these issues by providing an integrated concept considering both the energy and transport systems in the Danube region. A viable way is the intelligent integration of electric vehicles as mobile storage solutions, commonly referred to as "vehicle-to-grid", and electrolysis for green hydrogen production. The integration of both concepts can support the expansion of renewable energy application, produced and consumed locally, which supports energy security and independence, while also reducing GHG emissions in the energy sector. However, the implementation requires extensive analyses and modelling to ensure that the concept is economically viable, legally secure, efficient and sustainable in the long run. Danube Indeet will conduct the needed analyses and provide a modelling tool that supports municipalities and cities in shifting their energy and transport systems from fossil to renewable resources. In order to develop a transferable concept for regions with different needs and characteristics, data on e-mobility and renewable energy infrastructure will be collected. A model will be developed to mathematically optimise the infrastructure set-up and operation. Using the collected data, the model will be tested in six pilot regions (BA, DE, HU, ME, RO, SK) and different future scenarios for 2030/2050 with connected opportunities will be analysed. Complementary, the legal framework and other regional characteristics will be assessed and concrete business models will be elaborated. Based on the pilot testing, the scenario modelling and the legal recommendations, a transnational strategy for integrated and decentralised energy and transport systems in the Danube region will be developed. Social acceptance is key for the uptake of new technologies. Thus, based on acceptance factor assessment, considering cultural and regional predispositions, an exploitation strategy for raising acceptance will be developed. Further, the uptake of the strategy will be ensured through targeted policy and industry stakeholder cooperation, capacity building measures and networking activities.

LIST OF PROJECT PARTNERS

No.	Institution name	Country	Total Interreg funds	Total eligible budget
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TZE	Landshut University of Applied Sciences	Deutschland (DE)	286920.00	358650.00
Ruhstorf	Municipality Ruhstorf an der Rott	Deutschland (DE)	122400.00	153000.00
EI-JKU	Energieinstitut an der Johannes Kepler Universität Linz	Österreich (AT)	241656.00	302070.00
No Gravity	Citizens´ Association No Gravity	Slovensko (SK)	196960.00	246200.00
URBASOFIA	URBASOFIA	România (RO)	155660.80	194576.00
AIDA	The Alba Iulia Association for Intercommunity Development	România (RO)	155660.80	194576.00
RDA Banat	Regional Agency for Socio – Economic Development – Banat Ltd	Serbia (RS)	137580.00	171975.00
RERA	Regional Development Agency of South Bohemia – RERA	#esko (CZ)	166080.00	207600.00
LIR	LIR Evolution	Bosnia and Herzegovina (BA)	142468.80	178086.00
UNIZGFER	University of Zagreb Faculty of Electrical Engineering and Computing	Hrvatska (HR)	233877.60	292347.00
Paks	Paks Transportation Limited Liability Company	Magyarország (HU)	160400.00	200500.00
Ulcinj	Municipality of Ulcinj	Crna Gora (ME)	131600.00	164500.00
TOTAL (EUR)			2131264.00	2664080.00

LIST OF ASSOCIATED PARTNERS

No.	Institution name	Country
RDA Banat	Public Enterprise “Roads of Serbia”	Serbia (RS)
No Gravity	Municipality Senec	Slovensko (SK)
Paks	HUMDA Hungarian Motorsport and Green Mobility Development Agency	Magyarország (HU)
LIR	City of Derventa	Bosnia and Herzegovina (BA)
TZE	EurA	Deutschland (DE)
TZE	Bavarian State Ministry of Economic Affairs and Media, Energy and Technology	Deutschland (DE)
RERA	South Bohemian Region	#esko (CZ)
RERA	Union of Towns and Municipalities of South Bohemian Region	#esko (CZ)
Paks	Ministry of Foreign Affairs and Trade	Magyarország (HU)