



Project factsheet - Assessment grid

PROJECT OVERVIEW	
Project Ref. No.	DRP0200244
Project title	Danube Region Programme
Acronym	Danube GeoHeCo
Priority axis	2. - A greener, low-carbon Danube Region
SO	2.1 - RenewableEnergy
Lead partner	Medjimurje Energy Agency Ltd.
Lead partner country	Hrvatska (HR)
Lead partner legal status	Public
Project duration	30
Total Interreg Funds	1984800.00
Total Eligible Budget	2481000.00

Project Summary

Energy power systems in the Danube Region are mainly based on fossil fuels. To sever energy dependence and confront climate change, municipalities, regions, governments and the EU are forced to reconsider their energy supplies and shift to renewable energies (RE). Switching fossil fuel based heating and cooling (HC) systems to geothermal (or other renewables) is a long, capital intensive process and the availability of most base-load RES is confined regionally. The Danube GeoHeCo project identifies this problem and intends to increase the use of one RES that is available throughout Europe with very little geographical limitations and low CAPEX: that of shallow geothermal energy (SGE) through the integration of SG solutions into existing HC systems. Hybrid HC systems are cost-efficient and easy to adapt, therefore they could foster a high-level reduction of fossil fuel consumption throughout the Danube Region and beyond. To contribute to this goal, the Danube GeoHeCo project is set out to advance the market penetration of SG solutions and, through the cooperation of PPs from different countries in investments, capacity building and knowledge exchange, the project intends to increase the level of expertise and number of professionals available for the sustainable transformation of the energy sector. The Danube GeoHeCo project foresees and initiates the active role of local and regional authorities in applying effective community-led planning approaches which is a key step in engaging relevant stakeholders. To stimulate and promote the integration of shallow geothermal solutions, PPs will jointly carry out high-visibility investments, develop a Transnational Action Plan which will define actions for fostering shallow geothermal projects and formulate recommendations for removing bottlenecks neglected in existing planning documents. The technological segments of SGE usage for HC purposes will be investigated and as a result an IT decision support tool for designing optimal use of hybrid HC systems will be developed. The project will include pilot investments at demonstration sites, awareness raising and knowledge transfer activities and develop a digital platform with a built-in virtual marketplace.

LIST OF PROJECT PARTNERS

No.	Institution name	Country	Total Interreg funds	Total eligible budget
MENEA	Medjimurje Energy Agency Ltd.	Hrvatska (HR)	262161.12	327701.40

CROST	CROST Regional Development Nonprofit Ltd.	Magyarország (HU)	170642.40	213303.00
UNIZG-RGNF	University of Zagreb, Faculty of Mining, Geology and Petroleum Engineering	Hrvatska (HR)	156705.44	195881.80
FB	Research Burgenland Ltd.	Österreich (AT)	246881.60	308602.00
LEAP	LOCAL ENERGY AGENCY POMURJE	Slovenija (SI)	198979.20	248724.00
GeoZS	Geological Survey of Slovenia	Slovenija (SI)	83928.00	104910.00
InnoGeo	InnoGeo Research and Service Ltd.	Magyarország (HU)	125510.24	156887.80
CVTI SR	Slovak Centre of Scientific and Technical Information	Slovensko (SK)	143404.80	179256.00
TUCN	Technical University of Cluj-Napoca	România (RO)	267787.20	334734.00
FEK	Faculty of Engineering in Kragujevac	Serbia (RS)	88800.00	111000.00
REDASP	Regional Economic Development Agency for Sumadija and Pomoravlje	Serbia (RS)	58769.60	73462.00
RDA Backa	Regional Development Agency Ba#ka Ltd. Novi Sad	Serbia (RS)	96128.00	120160.00
LIR	LIR Evolution	Bosnia and Herzegovina (BA)	85102.40	106378.00
TOTAL (EUR)			1984800.00	2481000.00

LIST OF ASSOCIATED PARTNERS

No.	Institution name	Country
MENEA	Medjimurje County	Hrvatska (HR)
CROST	Ministry of Foreign Affairs and Trade	Magyarország (HU)
UNIZG-RGNF	Croatian Hydrocarbon Agency	Hrvatska (HR)
FB	Provincial government of Burgenland	Österreich (AT)
LEAP	National consortium of energy agencies of Slovenia	Slovenija (SI)
LEAP	Municipality of Moravske Toplice	Slovenija (SI)
InnoGeo	Association of Hungarian District Heating Enterprises	Magyarország (HU)
CVTI SR	Technical University of Košice	Slovensko (SK)
TUCN	Alba Iulia Municipality	România (RO)
GeoZS	Slovenian Water Agency	Slovenija (SI)
REDASP	City of Kragujevac	Serbia (RS)
RDA Backa	Provincial secretariat for energy, construction and transport	Serbia (RS)
	Environmental Protection and Energy Efficiency Fund of the	Bosnia and

LIR	Republic of Srpska	Herzegovina (BA)
LIR	City of Laktaši	Bosnia and Herzegovina (BA)
RDA Backa	University of Belgrade, Faculty of Mining and Geology	Serbia (RS)