



## **Project factsheet - Assessment grid**

PROJECT OVERVIEW		
Project Ref. No.	DRP0200309	
Project title	Danube Region Programme	
Acronym	Circular DigiBuild	
Priority axis	1 A more competitive and smarter Danube Region	
SO	1.1 - AdvancedTechnologies	
Lead partner	Business Agency Association	
Lead partner country	Bulgaria (BG)	
Lead partner legal status	Private!	
Project duration	30	
Total Interreg Funds	2241560.40	
Total Eligible Budget	2801950.50	

## **Project Summary**

The construction and building industry in Danube region depletes resources, generates over a third of the total waste and emits greenhouse gases at large scale - more in lagging countries and less in the innovations' pioneers in the area. The fragmented and risk-averse construction sector is slow to adopt digital innovation across Danube area. Digital technologies serve as a prerequisite for a shift to circular constructions where building materials are reused. The circular economy (CE) has the potential to capitalise upon emerging digital technologies, such as big data, artificial intelligence (AI), blockchain and the Internet of things (IoT), amongst others. These digital technologies combined with business model innovation are deemed to provide solutions to myriad problems in the diverse Danube region, related to CE transformation. Applying new approaches and inter-sectoral solutions, the project aims to capture the essence of the achievement at the intersection of the CE and digital technologies with a focus on forging pathways of CE implementation across Danube countries. Federating efforts from quadruple-helix players, a well-functioning DR innovation ecosystem with a new Cluster for increasing regional capacities to absorb innovation will be formed to promote interregional RDI cooperation, exchanging cross-sectoral experiences between innovation actors from leading and lagging Danube countries. Barriers to digitalisation-led CE transition will be identified and related policies - improved. ilmportant and applicable innovations for achieving the digitalisation enabled CE will be sought. Three pilots will be implemented to showcase how disruptive innovations for circular economy interventions can harness the 'clean construction" practices in Danube region. New Danube region strategy for improving circularity in the construction and building business will be deployed, agreed and popularised, with 13 national action plans and 1 Plan for up-scaling the Pilots.

LIST OF PROJECT PARTNERS				
No.	Institution name	Country	Total Interreg funds	Total eligible budget
BAA	Business Agency Association	Bulgaria (BG)	250640.00	313300.00
ReCheck	ReCheck	Bulgaria (BG)	136140.00	170175.00

AWSAustria WirtschaftsserviceÖsterreich (AT)24590.00307375.00HSHHof University of applied sciencesDeutschland (DEUSchland138160.4012700.50INCIENInstitute of Circular Economy#esko (CZ)12000.0015000.00SBASlovak Business AgencySlovensko (Storensko12000.0016000.00PKIKCiniversity of LjubijanaSlovensko (Burgarország)120520.00150650.00PKIKShSTITUTE FOR RESEARCH IN CIRCULAR CONNMY AND ENVIRONMENT "ERNEST (DYAN")România (RO)12000.0013000.00ARRVERKeGIONAL DEVELOPMENT AGENCY FOR SerRADRomânia (RO)12000.0010000.00SERDASeaieyo Economic Region Development gencyBosnad, Merzegovina8000.0010000.00STIN SScience and Technology Park Novi SadSenia (RO)8000.0010000.00TERARenATEHNOPOLIS, Itd for promoting new monosities and entreprenews (RE)Invasta (RB)13000.0010000.00TERAInovation Center Nikola TeslaMiratska (RB)13000.0010000.0010000.00GENTSuises Advisory Center NGOMiratska (RB)13000.0010000.0010000.00GUMASuises Advisory Center NGOMiratska (RB)12040.0010000.0010000.00GUMASuises Advisory Center NGOMiratska (RB)12040.0010000.0010000.00GUMASuises Advisory Center NGOMiratska (RB)12040.0012060.0012060.00GUMASuises Advisory Center N					
HSHHor University of applied sciences(DE)13816.4017270.50INCIENInstitute of Circular Economy#esko (CZ)12000.0015000.00SBASlovak Business AgencySlovensko (SK)12000.0015000.00ULUniversity of LjubljanaSlovenija (SI)128720.00160900.00PBKIKChamber of Commerce and Industry of Pécs- BaranyaMagyarország120520.00150650.00IRCEMINSTITUTE FOR RESEARCH IN CIRCULAR CONOMY AND ENVIRONMENT "ERNESTRománia (RO)104000.0013000.00ADRVESTREGIONAL DEVELOPMENT AGENCY FOR WEST REGIONRománia (RO)12000.00150000.00SERDASarajevo Economic Region Development AgencyBosnia and Herzegovina80000.00100000.00ZWMNEScience and Technology Park Novi SadSerbia (RS)8000.00100000.00TERATERA TEHNOPOLIS, Itd for promoting new echnologies, innovations and entrepreneurship Economic Region DevelopmentHivatska (HR)13300.0010000.00ICENTInnovation Centre Nikola TeslaHivatska (HR)13000.0010000.00BACBusiness Advisory Center NGOMoldova (MD)8000.00100000.00BACSurgera digital innovation hub in construction sectorBulgaria (BG)12048.00150600.00FUHCSVangavisMagaisBulgaria (BG)8000.0010000.00	AWS	Austria Wirtschaftsservice		245900.00	307375.00
SBASlovak Business AgencySlovan Slovensko Slovensko SK)120000.00150000.00ULUniversity of LjubljanaSlovenija (SI)128720.00160900.00PBKIKChamber of Commerce and Industry of Pécs- BaranyaMagyarország (HU)120520.00150650.00IRCEMINSTITUTE FOR RESEARCH IN CIRCULAR ECONOMY AND ENVIRONMENT "ERNESTRomânia (RO)104000.00130000.00ADRVESTREGIONAL DEVELOPMENT AGENCY FOR WEST REGIONRomânia (RO)12000.00150000.00SERDASarajevo Economic Region Development Mest RegionBosnia and Herzegovina (BA)80000.00100000.00STP NSScience and Technology Park Novi SadSerbia (RS)80000.00100000.00ZWMNEZero Waste MontenegroCrna Gora (ME)80000.00100000.00TERATERA TEHNOPOLIS, Itd for promoting new technologies, innovations and entrepreneurship BACHrvatska (HR)10400.00166250.00BACBusiness Advisory Center NGOMoldova (MD)80000.00100000.00EDIHCSEuropean digital innovation hub in construction sectorBulgaria (BG)120480.00150600.00	HSH	Hof University of applied sciences		138160.40	172700.50
SBASlovak Business Agency(KK)120000.00150000.00ULUniversity of LjubljanaSlovenija (SI)128720.00160900.00PBKIKChamber of Commerce and Industry of Pécs- BaranyaMagyarország (HU)120520.00150650.00IRCEMINSTITUTE FOR RESEARCH IN CIRCULAR ECONOMY AND ENVIRONMENT, ERNESTRomânia (RO)104000.00130000.00ADRVESTREGIONAL DEVELOPMENT AGENCY FOR WEST REGIONRomânia (RO)120000.00150000.00SERDASarajevo Economic Region Development AgencyBosnia and Herzegovina (BA)80000.00100000.00STP NSScience and Technology Park Novi SadSerbia (RS)80000.00100000.00ZWMNEZero Waste MontenegroCrna Gora (ME)80000.00100000.00TERATERA TEHNOPOLIS, Itd for promoting new technologies, innovations and entrepreneurship BACHrvatska (HR)133000.00166250.00BACBusiness Advisory Center NGOMoldova (MD)80000.00100000.00EDIHCSEuropean digital innovation hub in construction sectorBulgaria (BG)120480.00150600.00VNGVangavisVangavisKangaviaBulgaria (BG)120480.0010000.00	INCIEN	Institute of Circular Economy	#esko (CZ)	120000.00	150000.00
PBKIKChamber of Commerce and Industry of Pécs- BaranyaMagyarország (HU)120520.00150650.00IRCEMINSTITUTE FOR RESEARCH IN CIRCULAR CONOMY AND ENVIRONMENT, ERNESTRomânia (RO)104000.00130000.00ADRVESTREGIONAL DEVELOPMENT AGENCY FOR WEST REGIONRomânia (RO)120000.00150000.00SERDASarajevo Economic Region Development AgencyBosnia and Herzegovina (BA)8000.0010000.00STP NSScience and Technology Park Novi SadSerbia (RS)8000.0010000.00ZWMNEZero Waste MontenegroCrna Gora (ME)8000.0010000.00TERATERA TEHNOPOLIS, Itd for promoting new technologies, innovations and entrepreneurshipHrvatska (HR)10400.0013000.00BACBusiness Advisory Center NGOMoldova (MD)8000.0010000.00EDIHCSEuropean digital innovation hub in construction sectorBulgaria (BG)120480.0015060.00VNGVangavisVangavisBulgaria (BG)120480.0010000.00	SBA	Slovak Business Agency		120000.00	150000.00
PBKINBaranya(HU)120520.00150650.00IRCEMINSTITUTE FOR RESEARCH IN CIRCULAR ECONOMY AND ENVIRONMENT "ERNEST LUPAN"România (RO)10400.0013000.00ADRVESTREGIONAL DEVELOPMENT AGENCY FOR WEST REGIONRomânia (RO)12000.0015000.00SERDASarajevo Economic Region Development AgencyBosnia and Herzegovina (BA)8000.0010000.00STP NSScience and Technology Park Novi SadSerbia (RS)8000.0010000.00ZWMNEZero Waste MontenegroCrna Gora (ME)8000.0010000.00TERATERA TEHNOPOLIS, Itd for promoting new technologies, innovations and entrepreneurshipHrvatska (HR)10400.0013000.00ICENTInnovation Centre Nikola TeslaHrvatska (HR)13000.00166250.00BACBusiness Advisory Center NGOMoldova (MD)8000.0010000.00EDIHCSEuropean digital innovation hub in construction sectorBulgaria (BG)120480.0015060.00VNGVangavisVangavisFordowFordowFordowFordow	UL	University of Ljubljana	Slovenija (SI)	128720.00	160900.00
IRCEMECONOMY AND ENVIRONMENT , ERNEST LUPAN"România (RO)10400.0013000.00ADRVESTREGIONAL DEVELOPMENT AGENCY FOR WEST REGIONRomânia (RO)12000.0015000.00SERDASarajevo Economic Region Development MegencyBosnia and Herzegovina8000.0010000.00STP NSScience and Technology Park Novi SadSerbia (RS)8000.0010000.00ZWMNEZero Waste MontenegroCrna Gora (ME)8000.0010000.00TERATERA TEHNOPOLIS, Itd for promoting new technologies, innovations and entrepreneurshipHrvatska (HR)10400.0013000.00ICENTInnovation Centre Nikola TeslaHrvatska (HR)13000.0016250.00BACSuiness Advisory Center NGOMoldova (MD)8000.0010000.00EDIHCSEuropean digital innovation hub in construction sectorBulgaria (BG)120480.0010000.00VNGVangavisVangavisBulgaria (BG)1000.0010000.00	PBKIK	-	••••••	120520.00	150650.00
ADRVESTWEST REGIONRomania (RO)12000.0015000.00SERDASarajevo Economic Region Development AgencyBosnia and Herzegovina (BA)\$000.0010000.00STP NSScience and Technology Park Novi SadSerbia (RS)8000.0010000.00ZWMNEZero Waste MontenegroCrna Gora (ME)8000.0010000.00TERATERA TEHNOPOLIS, Itd for promoting new technologies, innovations and entrepreneurshipHrvatska (HR)10400.0013000.00ICENTInnovation Centre Nikola TeslaHrvatska (HR)13300.00166250.00BACBusiness Advisory Center NGOMoldova (MD)8000.0010000.00EDIHCSEuropean digital innovation hub in construction sectorBulgaria (BG)120480.0015060.00VNGVangavisVangavisMoldovaBulgaria (BG)10000.0010000.00	IRCEM	ECONOMY AND ENVIRONMENT "ERNEST	România (RO)	104000.00	130000.00
SERDASarajevo Economic Region Development AgencyHerzegovina (BA)80000.00100000.00STP NSScience and Technology Park Novi SadSerbia (RS)80000.00100000.00ZWMNEZero Waste MontenegroCrna Gora (ME)80000.00100000.00TERATERA TEHNOPOLIS, Itd for promoting new technologies, innovations and entrepreneurshipHrvatska (HR)104000.00130000.00ICENTInnovation Centre Nikola TeslaHrvatska (HR)13300.00166250.00BACBusiness Advisory Center NGOMoldova (MD)80000.0010000.00EDIHCSEuropean digital innovation hub in construction sectorBulgaria (BG)120480.0010000.00VNGVangavisunovertopeanBulgaria (BG)8000.0010000.00	ADRVEST		România (RO)	120000.00	150000.00
ZWMNEZero Waste MontenegroCrna Gora (ME)80000.00100000.00TERATERA TEHNOPOLIS, ltd for promoting new technologies, innovations and entrepreneurshipHrvatska (HR)104000.00130000.00ICENTInnovation Centre Nikola TeslaHrvatska (HR)133000.00166250.00BACBusiness Advisory Center NGOMoldova (MD)80000.00100000.00EDIHCSEuropean digital innovation hub in construction sectorBulgaria (BG)120480.00100000.00VNGVangavisVungavisHrvatswa (HR)10000.0010000.00	SERDA	, , , , , , , , , , , , , , , , , , , ,	Herzegovina	80000.00	100000.00
ZWMNEZero Waste Montenegro(ME)80000.00100000.00TERATERA TEHNOPOLIS, Itd for promoting new technologies, innovations and entrepreneurshipHrvatska (HR)104000.00130000.00ICENTInnovation Centre Nikola TeslaHrvatska (HR)133000.00166250.00BACBusiness Advisory Center NGOMoldova (MD)80000.0010000.00EDIHCSEuropean digital innovation hub in construction sectorBulgaria (BG)120480.00150600.00VNGVangaviswww.www.www.www.www.www.www.www.www.ww	STP NS	Science and Technology Park Novi Sad	Serbia (RS)	80000.00	100000.00
TERAHVatska (HR)104000.00130000.00ICENTInnovation Centre Nikola TeslaHrvatska (HR)133000.00166250.00BACBusiness Advisory Center NGOMoldova (MD)80000.00100000.00EDIHCSEuropean digital innovation hub in construction sectorBulgaria (BG)120480.00150600.00VNGVangavis	ZWMNE	Zero Waste Montenegro		80000.00	100000.00
BACBusiness Advisory Center NGOMoldova (MD)80000.00100000.00EDIHCSEuropean digital innovation hub in construction sectorBulgaria (BG)120480.00150600.00VNGVangavisBulgaria (BG)80000.00100000.00	TERA		Hrvatska (HR)	104000.00	130000.00
EDIHCSEuropean digital innovation hub in construction sectorBulgaria (BG)120480.00150600.00VNGVangavisBulgaria (BG)80000.00100000.00	ICENT	Innovation Centre Nikola Tesla	Hrvatska (HR)	133000.00	166250.00
EDIFICS sector Bulgaria (BG) 120480.00 150600.00   VNG Vangavis Bulgaria (BG) 80000.00 100000.00	BAC	Business Advisory Center NGO	Moldova (MD)	80000.00	100000.00
	EDIHCS		Bulgaria (BG)	120480.00	150600.00
TOTAL (EUR) 2241560.40 2801950.50	VNG	Vangavis	Bulgaria (BG)	80000.00	100000.00
	TOTAL (EU	TOTAL (EUR)		2241560.40	2801950.50

LIST OF ASSOCIATED PARTNERS		
No.	Institution name	Country
BAA	Ministry of regional development and public works	Bulgaria (BG)
ReCheck	Ministry of economy and industry	Bulgaria (BG)
EDIHCS	Bulgarian industrial association	Bulgaria (BG)
AWS	Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology	Österreich (AT)
HSH	Chamber of Industry and Commerce for Upper Franconia Bayreuth	Deutschland (DE)
HSH	Bayern Innovativ – Bayerische Gesellschaft fu#r Innovation und Wissenstransfer mbH	Deutschland (DE)
HSH	Administrative District Hof	Deutschland (DE)

INCIEN	Ministry of Industry and Trade, Department of Construction and Building Materials	#esko (CZ)
INCIEN	Czech Green Building Council (CZGBC)	#esko (CZ)
INCIEN	Czech Technical University in Prague - University Centre for Energy Efficient Buildings	#esko (CZ)
SBA	Circular Slovakia	Slovensko (SK)
UL	Ministry of digital transformation	Slovenija (SI)
PBKIK	Cluster of Applied Earth Sciences	Magyarország (HU)
IRCEM	Alba Iulia City Hall	România (RO)
ADRVEST	Authority for Digitalization of Romania	România (RO)
SERDA	Ministry of economy of Canton Sarajevo	Bosnia and Herzegovina (BA)
STP NS	Provincial Secretariat for Regional Development, Interregional Cooperation and Local Self-Government	Serbia (RS)
ZWMNE	Environment protection Agency of Montenegro	Crna Gora (ME)
TERA	Public Institution Development Agency of Osijek-Baranja County	Hrvatska (HR)
TERA	Ministry of Regional Development and EU Funds	Hrvatska (HR)