



Project factsheet - Assessment grid

PROJECT OVERVIEW

Project Ref. No.	DRP0200218
Project title	Danube Region Programme
Acronym	DRWO4.0
Priority axis	1. - A more competitive and smarter Danube Region
SO	1.2 - IndustrialTransition
Lead partner	Competence Centre Ltd. for research and development
Lead partner country	Hrvatska (HR)
Lead partner legal status	Public
Project duration	24
Total Interreg Funds	1557248.00
Total Eligible Budget	1946560.00

Project Summary

By providing nearly 3.5 million jobs across over 400 thousand companies, helping to maintain employment and wealth generation in rural areas and contributing to the low-carbon bio-economy, the EU forest-based industry represents about 7% of EU manufacturing GDP. Forest-based industry of Europe is unequally developed, which is especially evident in less developed regions and non-EU countries. While EU forest-based industry rushes forward with great strides (especially Western Europe), non-EU countries and less developed regions in EU countries are struggling to keep the pace with fast transformation based on digitalisation and new technologies, burdened with loss of customers, lack of high value-added green wood products, high costs etc. Although the forest-based industry of whole Europe has a sustainable development perspective, the common transnational challenges in its developing pathway indicate the presence of gaps which this project will tackle and these are mostly due to the lack of I4.0 implementation in wood industry of Europe, especially in less developed regions of the EU and non-EU countries. To minimise mentioned gaps, the overall DRWO4.0 objective was set: the DR wood industry improvement through the contribution to its transformation towards I4.0 transformation. This will be achieved by joint development of the applicable, modifiable and replicable forest-based Industry 4.0 transformation model (SO3, Output 3.1&3.2; Result 1), based on: a) Interdisciplinary baseline assessment for mapping the stakeholders, assessment of their capacities and provision of comparative analysis of DR countries' wood industry readiness towards I4.0 (SO1, Output 1.1), b) Pilot Environments (PEs) establishment (SO1) in order to engage heterogeneous stakeholders to provide necessary input for the DR wood industry transformation based on transnational and cross-border cooperation and c) capacity building (SO2) in order to increase the PEs' impact among DR stakeholders for potential uptake of DRWO4.0 outputs. The transformation model is a solution suitable for all Danube region (DR) stakeholders as a transformation algorithm towards I4.0 and for policy makers primarily, supporting them to take into account a new approach that needs to be considered in future strategies development and decision-making processes. In order to provide interdisciplinary, multisectoral and cross-sectoral connection, DRWO4.0 links interested stakeholders according to the quadruple helix approach which supports the linkage between science, policy, industry, and society necessary for knowledge transfer, innovative solutions driving and enhancement of regional and national competitiveness with a special focus on SMEs (that will be important uptakers of the solution), national, regional and sectoral policy authority institutions that will be in position to uptake data and recommendations contained in the Transformation Action plan (Output 1.1), as well as in guidelines for the application of the transformation model (Output 3.2). All mentioned activities and

outputs contribute to the DRWO4.0 results as follows: a) one solution will be taken up by organisations (PPs, ASPs, other interested stakeholders), b) at least 40 organisations will increase their institutional capacity through cross-border cooperation and transnational approach (PPs+ASPs+other stakeholders from PEs), c) developed Action plan will be taken up by PP organisations and included in their business strategy and potentially taken up by regional policy authorities of the DR countries. DRWO4.0 induces changes in the DR transnationally and will be of special importance for less developed countries and regions to overcome the mentioned challenges and their aftermaths. DRWO4.0's transnational approach ensures the insight into different development levels of forest-based I4.0 in more and less developed countries, and into best practice examples of the DR I4.0. In this way, the model gives a new approach based on interdisciplinarity (connecting forest-based industry with IT, design, creative industry, mechatronics, etc.) and multisectoral approach (connecting education, science, research, industry and policy).

LIST OF PROJECT PARTNERS

No.	Institution name	Country	Total Interreg funds	Total eligible budget
CEKOM	Competence Centre Ltd. for research and development	Hrvatska (HR)	189360.00	236700.00
SUAS	Salzburg University of Applied Sciences	Österreich (AT)	106880.00	133600.00
KO-FA /PRO-WOOD	KO-FA Association	România (RO)	161728.00	202160.00
WIC	Wood Industry Cluster	Slovenija (SI)	161920.00	202400.00
CICC	Cultural Innovation Competence Center Association	Magyarország (HU)	106880.00	133600.00
BFC	Bulgarian Furniture Cluster	Bulgaria (BG)	73760.00	92200.00
K#N	Cluster of Czech Furniture Manufacturers	#esko (CZ)	106880.00	133600.00
UBFF	University of Belgrade - Faculty of Forestry	Serbia (RS)	106880.00	133600.00
PREDa	Development Agency of City of Prijedor "PREDa"	Bosnia and Herzegovina (BA)	73760.00	92200.00
CBC	Cahul Business Centre	Moldova (MD)	73760.00	92200.00
Culmena	Culmena Ltd.	Hrvatska (HR)	115520.00	144400.00
UniPecs	Faculty of Engineering and Information Technology	Magyarország (HU)	104480.00	130600.00
FORZA	Agency for sustainable development of the Carpathian region	Ukraine (UA)	70960.00	88700.00
FoD	Faculty of design, independent higher education institution	Slovenija (SI)	104480.00	130600.00
TOTAL (EUR)			1557248.00	1946560.00

LIST OF ASSOCIATED PARTNERS

No.	Institution name	Country

Culmena	WINDOR Ltd.	Hrvatska (HR)
KO-FA/PRO-WOOD	Faculty of Furniture Design and Wood Engineering-Transilvania University Brasov (TUB)	România (RO)
WIC	Chamber of Commerce and Industry of Slovenia (CCIS)-Wood Processing and Furniture Association	Slovenija (SI)
SUAS	Digital Innovation Hub INNOVATE	Österreich (AT)
CEKOM	Vukovar-Srijem County	Hrvatska (HR)
PREDA	Ministry of Agriculture, Forestry and Water Management	Bosnia and Herzegovina (BA)
PREDA	ASSOCIATION OF WOOD PROCESSORS "CLUSTER DRVO" PRIJEDOR	Bosnia and Herzegovina (BA)
FoD	University of Ljubljana	Slovenija (SI)
FORZA	Ukrainian National Forestry University (UNFU)	Ukraine (UA)
CICC	Chamber of Commerce and Industry of Pécs Baranya (CCIPB)	Magyarország (HU)
Culmena	PORA Regional Development Agency of Koprivnica Križevci County	Hrvatska (HR)
K#N	Mendel University in Brno, Faculty of Design	#esko (CZ)
K#N	CE DIGITAL & ENVIRO GROUPING	#esko (CZ)
WIC	Ministry of the Economy, Tourism and Sport	Slovenija (SI)
BFC	##### ##### (#####), #####	Bulgaria (BG)
CBC	Cahul District Council	Moldova (MD)
SUAS	Steinbeis 2i GmbH	Deutschland (DE)
CEKOM	Ministry of Economy and Sustainable Development	Hrvatska (HR)