

Assessment of Costs in Harvesting Systems using an Web-based Tool (WoodChainManager)



WCM

WoodChainManager, developed by the Slovenian Forestry Institute, is a web-based tool for estimating wood supply chain costs. It offers three user modules for assessing material costs of individual machines and total costs. This tool helps optimize harvesting systems by allowing users to test the impact of different technologies on total material costs. The simple matrix-based method visualizes the entire harvesting process, providing accurate cost calculations. WoodChainManager aims to increase awareness of cost management and enable direct comparison of various harvesting systems.

For more information see FOREST4EU factsheet

MORE DETAILS

CHALLENGE ADDRESSED

5.- Enhance economic and environmental performance of forest supply chains

KEYWORDS

Calculations
harvesting system
web-tool and optimization
wood mobilization

COUNTRY OF ORIGIN

Slovenia

DOMAIN

Harvesting, infrastructure, logistics
Financing, funding schemes

DIGITAL SOLUTION

Yes

TYPE OF SOLUTION

Advice and services for forest owners

INNOVATION

Yes

SCALE OF APPLICATION

National

START AND END YEAR

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CONTACT DATA

OWNER OR AUTHOR

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REPORTER

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REFERENCES AND RESOURCES

MAIN WEBSITE

<https://wcm.gozdis.si>

PROJECT WEBSITE

<https://www.forest4eu.eu/>

PROJECT REFERENCE

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RESOURCES

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PROJECT UNDER WHICH THIS FACTSHEET HAS BEEN CREATED
FOREST4EU

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[Link to Rosewood 4.0](#)



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

