WoodChainManager

WCM

Info platform with decision supporting tools.

Forestry as one of the economic sectors incorporates several links in the complex forestry wood chain. From the technological point of view, the forestry links of the FWC are formed by a series of production processes, with which natural forest resources are converted into products and services. In the selection of separate machines and connection of individual links into series of production chains, the question of costs is certainly an important issue. Material costs of individual machines and the mandatory or optional accessories or attachments are key to the optimization of individual series of production processes. The application enables a simple selection of a technological model for the production of roundwood as well as green chips. With the selection of machines and their mandatory or optional accessories or attachments along the entire chain from the felling area to the final user, the costs are stipulated as well. Visualization of technological components along the forestry wood chains and presentation of costs enable optimization and easier understanding of otherwise very complex chains.

DETAILS

ORIGIN OF WOOD

--

TYPE OF WOOD

--

KIND OF WOOD CONCERNED

--

IMPACT ON ENVIRONMENT & BIODIVERSITY

--

INCOME EFFECT

--

EXPLOITATION POTENTIAL

--

HUB

South-East Hub

ECONOMIC IMPACT

--

SPECIFIC KNOWLEDGE NEEDED

--

MOBILIZATION POTENTIAL

--

SUSTAINABILITY POTENTIAL - VALUE

--

EASE OF IMPLEMENTATION

--

EASE OF IMPLEMENTATION - EVALUATION

--

KEY PREREQUISITES

--

TYPE OF EVENT WHERE THIS BPI HAS BEEN FEATURED

--

JOB EFFECT

--

COSTS OF IMPLEMENTATION (EURO - €)

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MORE DETAILS

CHALLENGE ADDRESSED

3.- Activate private owners and cooperative forest management

DOMAIN

Harvesting, infrastructure, logistics

TYPE OF SOLUTION

Advice and services for forest owners

KEYWORDS

forestry wood chain

optimization

production processes

DIGITAL SOLUTION

Yes

INNOVATION

Yes

COUNTRY OF ORIGIN

Slovenia

SCALE OF APPLICATION

Continental

START AND END YEAR

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CONTACT DATA

OWNER OR AUTHOR

Gozdarski inštitut Slovenije

Gozdarski inštitut Slovenije

gteinfo@gozdis.si

https://wcm.gozdis.si/

REPORTER

Slovenian Forestry Institute

Polona Hafner

polona.hafner@gozdis.si

REFERENCES AND RESOURCES

MAIN WEBSITE

https://wcm.gozdis.si/en/tools/calculation-of-labor-costs/

PROJECT WEBSITE

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PROJECT REFERENCE

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RESOURCES

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PROJECT UNDER WHICH THIS FACTSHEET HAS BEEN CREATED

Rosewood 4.0

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY