Software for mobilisation and efficient use of resources involved in transportation of timber from forest to destination location (LLA)

OG has developed a software solution to optimize timber transportation logistics from forests to processing facilities, benefiting both forest owners and local transport companies. The tool helps forest owners estimate and map timber resources, while offering transport companies an easy-to-use platform for planning and managing deliveries. It features real-time data input, GPS tracking, and route optimization, enabling more efficient transportation. The system reduces no-load truck kilometers by streamlining operations, improving resource management, and addressing the logistical challenges of handling diverse timber types from multiple locations.

For more information see FOREST4EU factsheet (click on)

DETAILS

ORIGIN OF WOOD

--

TYPE OF WOOD

--

KIND OF WOOD CONCERNED

--

IMPACT ON ENVIRONMENT & BIODIVERSITY

Reduction of CO2 emissions due to less none cargo kilometers.

INCOME EFFECT

--

EXPLOITATION POTENTIAL

--

HUB

--

ECONOMIC IMPACT

--

SPECIFIC KNOWLEDGE NEEDED

--

MOBILIZATION POTENTIAL

--

SUSTAINABILITY POTENTIAL - VALUE

Positive

EASE OF IMPLEMENTATION

--

EASE OF IMPLEMENTATION - EVALUATION

Medium

KEY PREREQUISITES

--

TYPE OF EVENT WHERE THIS BPI HAS BEEN FEATURED

--

JOB EFFECT

--

COSTS OF IMPLEMENTATION (EURO - €)

--

MORE DETAILS

CHALLENGE ADDRESSED

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

DOMAIN

Harvesting, infrastructure, logistics

TYPE OF SOLUTION

Collaboration platforms, logistical hubs

KEYWORDS

Logistics
transportation
timber

DIGITAL SOLUTION

Yes

INNOVATION

Yes

COUNTRY OF ORIGIN

Latvia

SCALE OF APPLICATION

National

START AND END YEAR

- 2024

CONTACT DATA

OWNER OR AUTHOR

SELF Loģistika SIA

Operational group (IR_MP3 - Latvian Logistics Association)

guntars.reinfelds@selflogistic.lv

REPORTER

Andris Spulis, Guntars Reifelds

REFERENCES AND RESOURCES

MAIN WEBSITE

--

PROJECT WEBSITE

https://www.forest4eu.eu/

PROJECT REFERENCE

LAD 18-00-A016

RESOURCES

--

PROJECT UNDER WHICH THIS FACTSHEET HAS BEEN CREATED

FOREST4EU

POST DATE

24 Oct 2024

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 862681

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY