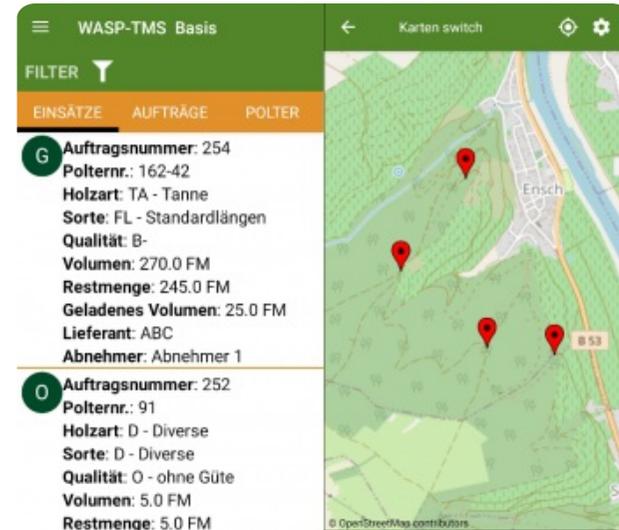


WASP | Wood logistics platform



Using the WASP's wood logistics platform, all actors involved in the forest and timber supply chain can improve the planning horizon to optimise the supply chain across companies.

The forest and timber industry is one of the leading industries in Germany, with 1.3 million people employed and annual sales of €181 billion. This sector is also characterised, however, by relatively low returns on its sales. Cost-reduction potentials can be realized if flows of material and information are optimised. Using the WASP's wood logistics platform, all actors involved in the forest and timber supply chain can improve the planning horizon to optimise the supply chain across companies. Based on modern cloud technology, the WASP logistics platform seeks to interlink established software solutions with newly developed modules. It uses geodata to register and manage wood piles, and satellite navigation is integrated for use in timber transport. Wood piles can be captured by cameras, automatically geocoded, and transferred to the platform. In addition, the platform allows to handle dispatching with support for GPS (and in the future, Galileo) signals by retrieving vehicles' geocoordinates in real-time using mobile receivers, transferring them to the platform, and displaying positions and locations on a map. Integrated online map services like Navlog, OpenStreetMap (OSM), ArcGIS (ESRI), and Google Maps are also featured. The core advantage of WASP, meanwhile, is its integration of software applications that are already used in various sections along the entire value chain.

DETALII

SURSA DE LEMN

Pădure

TIPUL DE LEMN

Lemn masiv

TIPUL DE LEMN ÎN CAUZĂ

--

IMPACTUL ASUPRA MEDIULUI ȘI BIODIVERSITĂȚII

--

EFACT ASUPRA VENITURILOR

--

POTENȚIAL DE EXPLOATARE

--

HUB

--

IMPACT ECONOMIC

WASP saves money by reducing working time and fuel consumption

CUNOȘTINȚE SPECIFICE NECESARE

Low, the set-up is user-friendly

POTENȚIALUL DE MOBILIZARE

High

POTENȚIAL DE SUSTENABILITATE - VALOARE

--

FACILITATEA DE IMPLEMENTARE

The interoperability with software applications that are already used in various sections makes the implementation easy

FACILITATEA DE IMPLEMENTARE - EVALUARE

--

CONDIȚII CHEIE PRELABILE

--

TIPUL DE EVENIMENT LA CARE A FOST PREZENTAT ACEST IPB

--

EFACT ASUPRA LOCURILOR DE MUNCĂ

--

COSTURI PENTRU IMPLEMENTARE (EURO - €)

--

MAI MULTE DETALII

PROVOCARE ABORDATĂ

5. Îmbunătățirea performanțelor economice și de mediu ale lanțurilor de aprovizionare cu păduri

CUVINTE CHEIE

modular logistics platform
dispatching
software integration

ȚARA DE ORIGINE

Germania

DOMAIN

Recoltare, infrastructură, logistică

SOLUȚIE DIGITALĂ

Da

SCARA DE APLICARE

Transfrontalier / multi-lateral

TIP DE SOLUȚIE

Platforme de colaborare, hub-uri logistice

INOVAȚIE

Da

ANUL DE ÎNCEPUT ȘI DE SFÂRȘIT

2012 -

DATE DE CONTACT

PROPRIETAR SAU AUTOR

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REFERENCES AND RESOURCES

PAGINĂ WEB

<https://www.wasp-logistik.de/produkte.html>

WEBSITE PROJECT

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REFERINȚĂ PROIECT

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RESURSE

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PROIECTUL ÎN CADRUL CĂRUIA A FOST CREATă ACEASTă FIȘă INFORMATIVă

Rosewood 4.0

DATA POSTĂRII

16 Dec 2021



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

