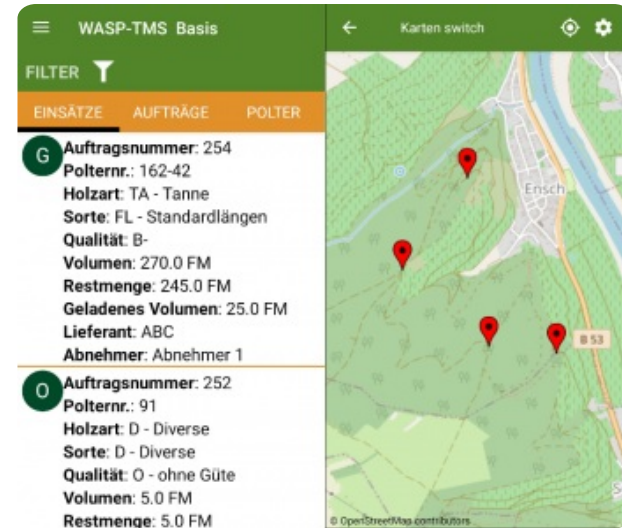


# WASP | Wood logistics platform



*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

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### SURSA DE LEMN

Pădure

### TIPUL DE LEMN

Lemn masiv

### TIPUL DE LEMN ÎN CAUZĂ

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### IMPACTUL ASUPRA MEDIULUI ȘI BIODIVERSITĂȚII

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### EFACT ASUPRA VENITURILOR

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### POTENȚIAL DE EXPLOATARE

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### HUB

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### 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

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### FACILITATEA DE IMPLEMENTARE

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

### FACILITATEA DE IMPLEMENTARE - EVALUARE

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### CONDIȚII CHEIE PRELABILE

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### TIPUL DE EVENIMENT LA CARE A FOST PREZENTAT ACEST IPB

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### EFACT ASUPRA LOCURILOR DE MUNCĂ

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### COSTURI PENTRU IMPLEMENTARE (EURO - €)

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## MAI MULTE DETALII

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### 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

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### PROPRIETAR SAU AUTOR

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## REFERENCES AND RESOURCES

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### 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 CĂRUI A FOST CREATă ACEASTă FIȘă INFORMATIVă

Rosewood 4.0

DATA POSTĂRII

16 Dec 2021



[Link to Rosewood 4.0](#)



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

