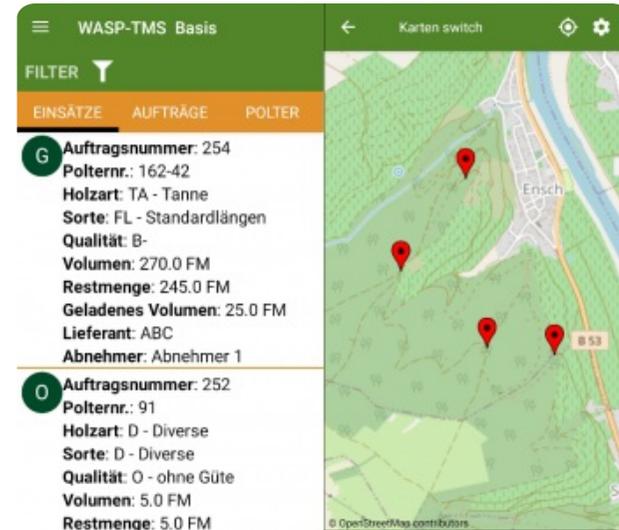


# WASP | Wood logistics platform



*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.

## DETAILS

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### HERKUNFT DES HOLZES

Wald

### ART DES HOLZES

Stammholz

### ART DES BETROFFENEN HOLZES

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### AUSWIRKUNGEN AUF UMWELT UND BIODIVERSITÄT

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### EINKOMMENSEFFEKT

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### VERWERTUNGSPOTENZIAL

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### NABE

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### WIRTSCHAFTLICHE AUSWIRKUNGEN

WASP saves money by reducing working time and fuel consumption

### SPEZIFISCHES WISSEN ERFORDERLICH

Low, the set-up is user-friendly

### MOBILISIERUNGSPOTENZIAL

High

### POTENZIAL FÜR NACHHALTIGKEIT - WERT

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### LEICHTE IMPLEMENTIERUNG

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

### LEICHTE IMPLEMENTIERUNG - BEWERTUNG

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### WICHTIGE VORAUSSETZUNGEN

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### ART DER VERANSTALTUNG, AUF DER DIESE BPI VORGESTELLT WURDE

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### ARBEITSPLATZEFFEKT

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### KOSTEN DER IMPLEMENTIERUNG (EURO - €)

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## MEHR DETAILS

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### ANGESPROCHENE HERAUSFORDERUNG

5. Verbesserung der wirtschaftlichen und ökologischen Leistung der forstwirtschaftlichen Forstlieferketten

### SCHLÜSSELWÖRTER

modular logistics platform  
dispatching  
software integration

### HERKUNFTSLAND

Deutschland

### DOMÄNE

Holzernte, Infrastruktur, Logistik

### DIGITALE LÖSUNG

Ja

### UMFANG DER ANWENDUNG

Grenzüberschreitend/multilateral

### ART DER LÖSUNG

Kollaborationsplattformen, logistische Knotenpunkte

### INNOVATION

Ja

### ANFANGS- UND ENDJAHR

2012 -

## KONTAKTDATEN

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## REFERENCES AND RESOURCES

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### HAUPT-WEBSITE

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

### PROJEKT-WEBSITE

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### PROJEKT-REFERENZ

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### RESSOURCEN

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LOGO DER BEST PRACTICE

LOGO DER HAUPTORGANISATION



PROJEKT, IN DESSEN RAHMEN DIESES FACTSHEET ERSTELLT WURDE

Rosewood 4.0

BEITRAGSDATUM

16 Dez. 2021



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

