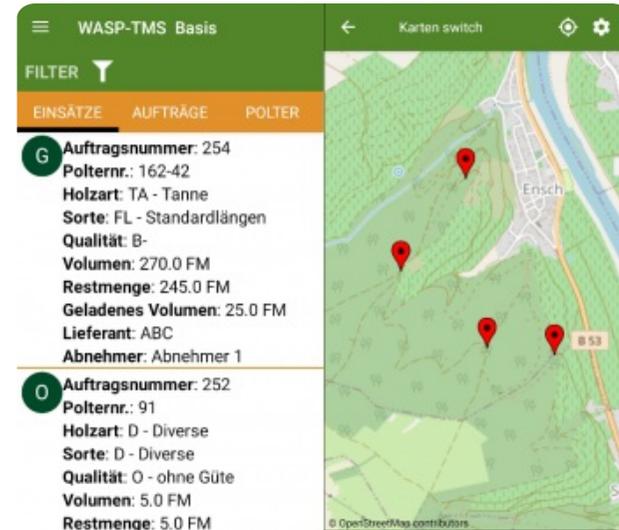


# WASP | Wood logistics platform



*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.

## DETALLES

---

### ORIGEN DE LA MADERA

Bosque

### TIPO DE MADERA

Madera en rollo

### POTENCIAL DE MOVILIZACIÓN

High

### POTENCIAL DE SOSTENIBILIDAD - VALOR

--

### TIPO DE MADERA AFECTADA

--

### FACILIDAD DE APLICACIÓN

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

### IMPACTO EN EL MEDIO AMBIENTE Y LA BIODIVERSIDAD

--

### FACILIDAD DE IMPLEMENTACIÓN - EVALUACIÓN

--

### EFFECTO SOBRE LOS INGRESOS

--

### PREREQUISITOS CLAVE

--

### POTENCIAL DE EXPLOTACIÓN

--

### TIPO DE EVENTO EN EL QUE SE HA PRESENTADO ESTA IFS

--

### HUB

--

### EFFECTO SOBRE EL EMPLEO

--

### IMPACTO ECONÓMICO

WASP saves money by reducing working time and fuel consumption

### COSTES DE IMPLEMENTACIÓN (EURO - €)

--

### CONOCIMIENTOS ESPECÍFICOS NECESARIOS

Low, the set-up is user-friendly

## MÁS DETALLES

---

### RETO ABORDADO

5. Mejorar el rendimiento económico y medioambiental de las cadenas de suministro forestal

### PALABRAS CLAVE

modular logistics platform  
dispatching  
software integration

### PAÍS DE ORIGEN

Alemania

### DOMINIO

Aprovechamiento, infraestructura, logística

### SOLUCIÓN DIGITAL

Sí

### ESCALA DE APLICACIÓN

Transfronterizo/multilateral

### TIPO DE SOLUCIÓN

Plataformas de colaboración, centros logísticos

### INNOVACIÓN

Si

### AÑO DE INICIO Y FIN

2012 -

## DATOS DE CONTACTO

---

### PROPIETARIO O AUTOR

WASP-Logistik GmbH  
Florian Lange, Ursula Fendel  
info@wasp-logistik.de  
<https://www.wasp-logistik.de/englisch.html>

### REPORTADOR

Forestry Education Center North-Rhine Westphalia  
Dr. Marie-Charlotte Hoffmann  
marie-charlotte.hoffmann@wald-und-holz.nrw.de

## REFERENCES AND RESOURCES

---

### SITIO WEB PRINCIPAL

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

### SITIO WEB DEL PROYECTO

--

### REFERENCIA DEL PROYECTO

--

### RECURSOS

--



PROYECTO BAJO EL QUE SE HA CREADO ESTA FICHA  
Rosewood 4.0

FECHA DE MENSAJE  
16 Dic 2021



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

