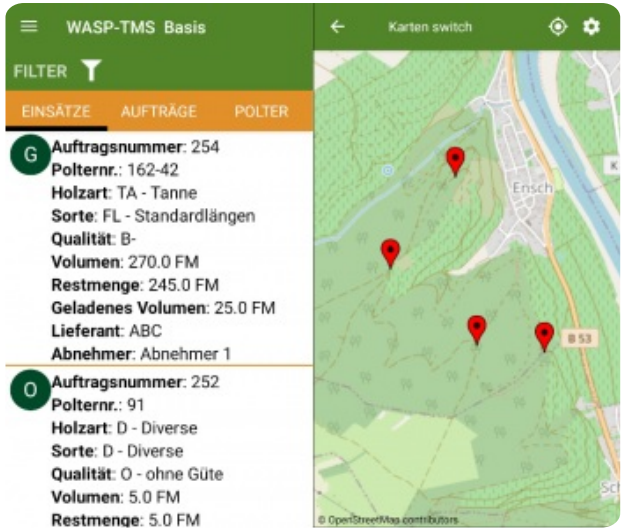
WASP | Wood logistics platform



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 informationare 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.

DETALJER

OPPRINNELSE FOR TRE

Skog

TYPE TRE

Tre fra rundtvirke

TYPE TRE INVOLVERT

--

PåVIRKNING På MILJø OG BIOLOGISK MANGFOLD

--

INNTEKTSEFFEKT

--

UTNYTTELSESPOTENSIAL

--

HUB

--

ØKONOMISK PåVIRKNING

WASP saves money by reducing working time and fuel consumption

SPESIFIKKE KUNNSKAPSBEHOV

Low, the set-up is user-friendly

MOBILISERINGSPOTENSIAL

High

BæREKRAFTPOTENSIAL - VERDI

--

ENKEL IMPLEMENTERING

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

ENKEL IMPLEMENTERING - EVALUERING

--

VIKTIGE FORUTSETNINGER

--

TYPE BEGIVENHET DER DENNE BPI HAR BLITT OMTALT

--

EFFEKT På ARBEIDSPLASSER

--

KOSTNADER MED IMPLEMENTERING (EURO - €)

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MER INFORMASJON

UTFORDRING ADRESSERT

5. Forbedre den økonomiske og miljømessige ytelsen i skogbrukets forsynings kjede

DOMENE

Avvirkning, infrastruktur, logistikk

TYPE LøSNING

Samarbeidsplattform, logistikk knutepunkt

NøKKELORD

modular logistics platform

dispatching

software integration

DIGITAL LøSNING

Ja

INNOVASJON

Ja

OPPRINELSESLAND

Tyskland

POTENSIALE

Grenseoverskridende/transnasjonal

START OG SLUTT åR

2012 -

KONTAKT INFORMASJON

EIER ELLER FORFATTER

WASP-Logistik GmbH

Florian Lange, Ursula Fendel

info@wasp-logistik.de

https://www.wasp-logistik.de/englisch.html

RAPPORTøR

Forestry Education Center North-Rhine Westphalia

Dr. Marie-Charlotte Hoffmann

marie-charlotte.hoffmann@wald-und-holz.nrw.de

REFERENCES AND RESOURCES

HJEMMESIDE (HOVEDSIDE)

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

PROSJEKTETS HJEMMESIDE

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REFERANSE TIL PROSJEKT

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RESSURSER

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LOGO FOR BESTE PRAKSIS

LOGO FOR HOVEDORGANISASJON

PROSJEKT SOM DETTE FAKTAARKET ER OPPRETTET UNDER

Rosewood 4.0

INNLEGGSDATO

16 des 2021

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Link to Rosewood 4.0

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY