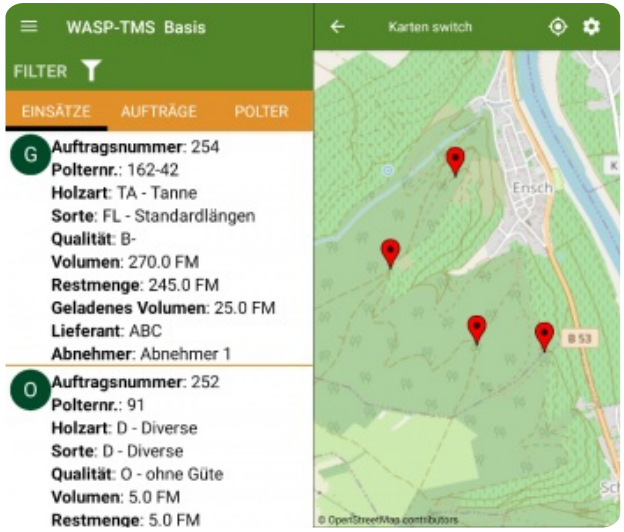
WASP | Wood logistics platform



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.

DéTAILS

ORIGINE DU BOIS

Forêt

TYPE DE BOIS

Grume

TYPE DE BOIS CONCERNé

--

IMPACT SUR L'ENVIRONNEMENT ET LA BIODIVERSITé

--

EFFET SUR LE REVENU

--

POTENTIEL D'EXPLOITATION

--

HUB

--

IMPACT éCONOMIQUE

WASP saves money by reducing working time and fuel consumption

CONNAISSANCES SPéCIFIQUES REQUISES

Low, the set-up is user-friendly

POTENTIEL DE MOBILISATION

High

POTENTIEL DE DURABILITé - VALEUR

--

FACILITé D'IMPLéMENTATION

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

FACILITé D'IMPLéMENTATION - ÉVALUATION

--

PRéREQUIS CLéS

--

TYPE D'éVéNEMENT Où CETTE ICPE A éTé PRéSENTéE

--

EFFET SUR L'EMPLOI

--

COûTS D'IMPLéMENTATION (EURO - €)

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PLUS DE DéTAILS

DéFI CONCERNé

5. Accroître les performances économiques et environnementales de la chaîne logistique forestière

DOMAINE

Récolte, infrastructure, logistique

TYPE DE SOLUTION

Plateformes de collaboration, hubs logistiques

MOTS-CLéS

modular logistics platform

dispatching

software integration

SOLUTION DIGITALE

Oui

INNOVATION

Oui

PAYS D'ORIGINE

Allemagne

ECHELLE D'APPLICATION

Transfrontalière/Multilatérale

DéBUT ET FIN D'ANNéE

2012 -

INFORMATIONS DE CONTACT

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REFERENCES AND RESOURCES

SITE WEB PRINCIPAL

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

SITE WEB DU PROJET

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RéFéRENCE DU PROJET

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RESSOURCES

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LOGO DE LA BONNE PRATIQUE

LOGO DE L'ORGANISATION PRINCIPALE

PROJET SOUS LEQUEL CETTE FICHE D'INFORMATION A éTé CRééE

Rosewood 4.0

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