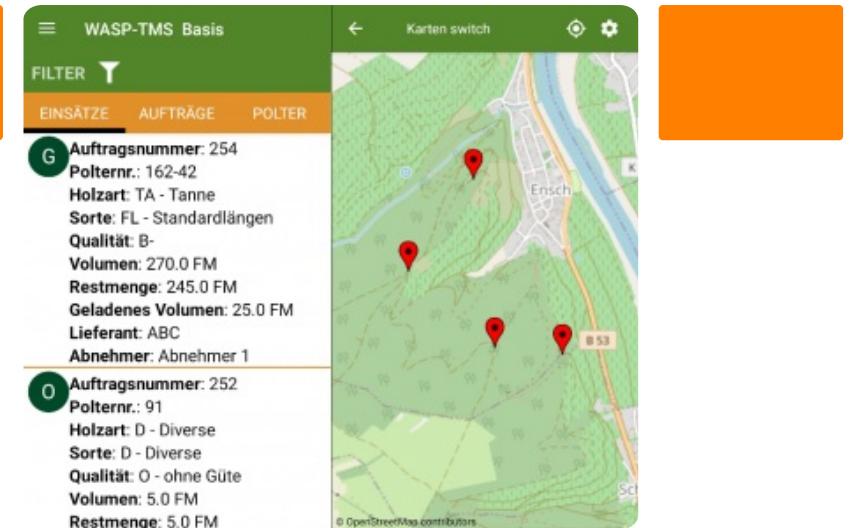


WASP | Wood logistics platform



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.

DETALHES

ORIGEM DA MADEIRA	POTENCIAL DE MOBILIZAÇÃO
Floresta	High
TIPO DE MADEIRA	SUSTENTABILIDADE POTENCIAL - VALOR
Tronco	--
TIPO DE MADEIRA EM CAUSA	FACILIDADE DE IMPLEMENTAÇÃO
--	The interoperability with software applications that are already used in various sections makes the implementation easy
IMPACTE NO AMBIENTE E BIODIVERSIDADE	FACILIDADE DE IMPLEMENTAÇÃO
--	--
IMPACTE NAS RECEITAS	PRE-REQUISITOS CHAVE
--	--
POTENCIAL DE EXPLORAÇÃO	TIPO DE EVENTO EM QUE ESTE BPI TEM SIDO APRESENTADO
--	--
HUB	IMPACTE NO EMPREGO
--	--
IMPACTE ECONOMICO	CUSTOS DE IMPLEMENTAÇÃO (EURO - EUR)
WASP saves money by reducing working time and fuel consumption	--
CONHECIMENTOS ESPECÍFICOS NECESSÁRIOS	
Low, the set-up is user-friendly	

MAIS DETALHES

DESAFIO ABORDADO	DOMÍNIO	TIPO DE SOLUçãO
5. Melhorar o desempenho económico e ambiental das cadeias de abastecimento florestal	Cortes, infraestruturas e logistica	Plataformas colaborativas, nucleos logísticos
PALAVRAS-CHAVE	SOLUçãO DIGITAL	INOVAçãO
modular logistics platform dispatching software integration	Sim	Sim
PAÍS DE ORIGEM	ESCALA DE APLICAçãO	ANO DE INÍCIO E FIM
Alemanha	Além fronteiras/ multilateral	2012 -

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

REFERENCES AND RESOURCES

WEBSITE PRINCIPAL	RECURSOS
https://www.wasp-logistik.de/produkte.html	--
WEBSITE DO PROJETO	--
REFERêNCIA AO PROJETO	--

LOGOTIPO DA BOA
PRÁTICA

LOGOTIPO DA ORGANIZAÇÃO
PRINCIPAL



PROJETO NO âMBITO DO QUAL A FOLHA DE DIVULGAÇÃO FOI CRIADA

Rosewood 4.0

DATA DE ENTRADA

16 Dez 2021



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY



□