

AVATAR | Advanced Virtual Aptitude and Training Application in Real Time



Machine control systems and sensor technology compile directed feedback to guide the operator towards more balanced working methods and techniques.

A digital coaching, assistance and feedback system is designed to improve the productivity and job satisfaction of forest machine operators with reduced mental stress and to make the training of junior staff more attractive and efficient. The overall objective is to make recommendations for the future development and implementation of an operator interface with optimal timing of feedback interpretation for decision support. The prototype of the digital coach will be integrated in forestry machines in Germany and Scandinavia and will also be used as a test environment in the simulators at FBZ. In the evaluation of the use cases the improvement of the forest-wood logistics chain will be critically assessed. In addition, the evaluation will assess how well the project meets the market requirements. The project consortium's approach to training is to ensure that the knowledge acquired can be optimally applied by the users.

MER INFORMATION

UTMANING SOM ADRESSERAS	DOMÄN	TYPE AV LÖSNING
5. Förbättra ekonomisk och miljömässig prestanda för skogsförsörjningskedjor	Avverkning, infrastruktur, logistik Forskning och utveckling	Smarta maskiner
NYCKELORD	DIGITAL LÖSNING	INNOVATION
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UPPHOVSLAND	POTENTIAL	START OCH SLUTÅR
Tyskland	Gränsöverskridande/transnationell	2019 - 2021

KONTAKT INFORMASION

ÄGARE ELLER FÖRFATTARE	RAPPORTÖR
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REFERENCES AND RESOURCES

HEMSIDA (HUVUDSIDA)	RESURSER
http://www.avatar.uni-goettingen.de/	AVATAR project presentation
PROJEKTETS HEMSIDA	
https://forestvalue.org/funded-projects-jc-2017/	
PROJEKTREFERENS	
ERA-NET Cofund ForestValue by Fachagentur Nachwachsende Rohstoffe (FNR, Germany), Forskningsrådet (The Research Council of Norway), VINNOVA, The Swedish Innovation Agency. ForestValue has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 773324.	

PROJEKT SOM DETTA FACTSHEET SKAPATS INOM
Rosewood 4.0

DATUM FÖR INLÄGG
31 okt 2021



[Link to Rosewood 4.0](#)



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

