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.

MAI MULTE DETALII

PROVOCARE ABORDATă

5. Îmbunătățirea performanțelor economice și de mediu ale lanțurilor de aprovizionare cu păduri

DOMAIN

Recoltare, infrastructură, logistică

Cercetare și dezvoltare

TIP DE SOLUțIE

Mașini, echipamente inteligente

CUVINTE CHEIE

--

SOLUțIE DIGITALă

Da

INOVAțIE

Da

ȚARA DE ORIGINE

Germania

SCARA DE APLICARE

Transfrontalier / multi-lateral

ANUL DE îNCEPUT șI DE SFâRșIT

2019 - 2021

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REFERENCES AND RESOURCES

PAGINă WEB

http://www.avatar.uni-goettingen.de/

WEBSITE PROJECT

https://forestvalue.org/funded-projects-jc-2017/

REFERINță PROIECT

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RESURSE

AVATAR project presentation

PROIECTUL îN CADRUL CăRUIA A FOST CREATă ACEASTă FIșă INFORMATIVă

Rosewood 4.0

DATA POSTăRII

31 Oct 2021

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

Centro de Servicios y Promoción Forestal y de su Industria de Castilla y León