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.

VIAC INFORMáCIí

RIEšENá VýZVA

5. Zlepšenie hospodárskej a environmentálnej výkonnosti dodávateľských reťazcov v lesníctve

DOMAIN

Ťažba, infraštruktúra, logistika

Výskum a vývoj

TYP RIEšENIA

Inteligentné stroje, zariadenia

KľúčOVé SLOVá

--

DIGITALNE RIEšENIE

áno

INOVáCIE

Áno

KRAJINA PôVODU

Nemecko

ROZSAH APLIKáCIE

Cezhraničný/multilaterálny

ZAČIATOK A KONIEC ROKA

2019 - 2021

KONTAKTNé úDAJE

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REFERENCES AND RESOURCES

HLAVNá WEBSTRáNKA

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

PROJEKTOVá WEBSTRáNKA

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

REFERENCIA PROJEKTU

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ZDROJE

AVATAR project presentation

PROJEKT, V RáMCI KTORéHO BOL TENTO INFORMAčNý PREHľAD VYTVORENý

Rosewood 4.0

DáTUM ODOSLANIA

31 okt 2021

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY