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.

WIęCEJ INFORMACJI

WYZWANIE

5. Wzmocnienie ekonomicznego i środowiskowego funkcjonowania leśnych łańcuchów dostaw

DOMENA

Pozyskanie, infrastruktura, logistyka

Badania i rozwój

RODZAJ ROZWIąZANIA

Inteligentne urządzenia i maszyny

SŁOWA KLUCZOWE

--

ROZWIąZANIE CYFROWE

Tak

INNOWACJA

Tak

KRAJ POCHODZENIA

Niemcy

SKALA APLIKACJI

Ponadnarodowy

ROK ROZPOCZęCIA I ZAKOńCZENIA

2019 - 2021

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ŹRóDłA I MATERIAłY

STRONA INTERNETOWA

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

STRONA INTERNETOWA PROJEKTU

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

ZASOBY

AVATAR project presentation

PROJEKT

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PROJEKT, W RAMACH KTóREGO STWORZONA ZOSTAłA NINIEJSZA FISZKA

Rosewood 4.0

DATA PUBLIKACJI

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY