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.

Più DETTAGLI

SFIDA RISOLTA

5. Migliorare le prestazioni economiche e ambientali delle filiere forestali

DOMINIO

La raccolta, le infrastrutture, la logistica

Ricerca e sviluppo

TIPO DI SOLUZIONE

macchine intelligenti, attrezzature

PAROLE CHIAVE

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SOLUZIONE DIGITALE

Sì

INNOVAZIONE

Sì

PAESE D'ORIGINE

Germania

SCALA DI APPLICAZIONE

Transfrontaliera / multilaterale

INIZIO E FINE ANNO

2019 - 2021

CONTATTI

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REFERENCES AND RESOURCES

SITO PRINCIPALE

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

SITO WEB DEL PROGETTO

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

PROGETTO DI RIFERIMENTO

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RISORSE

AVATAR project presentation

PROGETTO NELL'AMBITO DEL QUALE QUESTA SCHEDA è STATA CREATA

Rosewood 4.0

DATA DI INSERIMENTO

31 Ott 2021

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY