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.

PLUS DE DéTAILS

DéFI CONCERNé

5. Accroître les performances économiques et environnementales de la chaîne logistique forestière

DOMAINE

Récolte, infrastructure, logistique
Recherche et développement

TYPE DE SOLUTION

Machines et équipements intelligents

MOTS-CLéS

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SOLUTION DIGITALE

Oui

INNOVATION

Oui

PAYS D'ORIGINE

Allemagne

ECHELLE D'APPLICATION

Transfrontalière/Multilatérale

DéBUT ET FIN D'ANNéE

2019 - 2021

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REFERENCES AND RESOURCES

SITE WEB PRINCIPAL

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

SITE WEB DU PROJET

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

RéFéRENCE DU PROJET

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RESSOURCES

AVATAR project presentation

PROJET SOUS LEQUEL CETTE FICHE D'INFORMATION A éTé CRééE

Rosewood 4.0

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