

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.

MÁS DETALLES

RETO ABORDADO

5. Mejorar el rendimiento económico y medioambiental de las cadenas de suministro forestal

PALABRAS CLAVE

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PAÍS DE ORIGEN

Alemania

DOMINIO

Aprovechamiento, infraestructura, logística
Investigación y desarrollo

SOLUCIÓN DIGITAL

Sí

ESCALA DE APLICACIÓN

Transfronterizo/multilateral

TIPO DE SOLUCIÓN

Maquinaria y equipos inteligentes

INNOVACIÓN

Si

AÑO DE INICIO Y FIN

2019 - 2021

DATOS DE CONTACTO

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REFERENCES AND RESOURCES

SITIO WEB PRINCIPAL

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

SITIO WEB DEL PROYECTO

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

REFERENCIA DEL PROYECTO

ERA-NET Cofund ForestValue by Fachagentur Nachwachsende Rohstoffe (FNR, Germany), Forskningsradet (The Research Council of Norway), VINNOVA, The Swedish Innovation Agency. ForestValue has received funding from the European Union's Horizon 2020 research and innovation programme under grant

RECURSOS

AVATAR project presentation

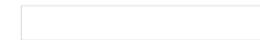
agreement N° 773324.

PROYECTO BAJO EL QUE SE HA CREADO ESTA FICHA

Rosewood 4.0

FECHA DE MENSAJE

31 Oct 2021



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

