

# 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	DOMINIO	TIPO DE SOLUCIÓN
5. Mejorar el rendimiento económico y medioambiental de las cadenas de suministro forestal	Aprovechamiento, infraestructura, logística Investigación y desarrollo	Maquinaria y equipos inteligentes
PALABRAS CLAVE	SOLUCIÓN DIGITAL	INNOVACIÓN
--	Sí	Si
PAÍS DE ORIGEN	ESCALA DE APLICACIÓN	AÑO DE INICIO Y FIN
Alemania	Transfronterizo/multilateral	2019 - 2021

## DATOS DE CONTACTO

---

PROPIETARIO O AUTOR	REPORTADOR
Georg-August Universität Göttingen	Landesbetrieb Wald und Holz NRW
Dirk Jaeger	Thilo Wagner
dirk.jaeger@uni-goettingen.de	thilo.wagner@wald-und-holz.nrw.de

## REFERENCES AND RESOURCES

---

SITIO WEB PRINCIPAL	RECURSOS
<a href="http://www.avatar.uni-goettingen.de/">http://www.avatar.uni-goettingen.de/</a>	<a href="#">AVATAR project presentation</a>
SITIO WEB DEL PROYECTO	
<a href="https://forestvalue.org/funded-projects-jc-2017/">https://forestvalue.org/funded-projects-jc-2017/</a>	

REFERENCIA DEL PROYECTO

ERA-NET Cofund ForestValue by Fachagentur Nachwachsende Rohstoffe (FNR, Germany), Forskningsrådet (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

agreement N° 773324.

---

PROYECTO BAJO EL QUE SE HA CREADO ESTA FICHA

Rosewood 4.0

FECHA DE MENSAJE

31 Oct 2021

---



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No.

862681

---

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY



□