

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.

MAIS DETALHES

DESAFIO ABORDADO	DOMÍNIO	TIPO DE SOLUÇÃO
5. Melhorar o desempenho económico e ambiental das cadeias de abastecimento florestal	Cortes, infraestruturas e logística Investigação e desenvolvimento	Maquinaria inteligente, equipamento
PALAVRAS-CHAVE	SOLUÇÃO DIGITAL	INOVAÇÃO
--	Sim	Sim
PAÍS DE ORIGEM	ESCALA DE APLICAÇÃO	ANO DE INÍCIO E FIM
Alemanha	Além fronteiras/ multilateral	2019 - 2021

DADOS DE CONTACTO

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REFERENCES AND RESOURCES

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

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

REFERÊNCIA AO PROJETO
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 agreement N° 773324.

RECURSOS
AVATAR project presentation

PROJETO NO ÂMBITO DO QUAL A FOLHA DE DIVULGAÇÃO FOI CRIADA

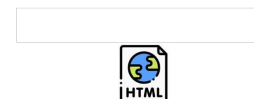
Rosewood 4.0

DATA DE ENTRADA

31 Out 2021



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

