

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.

VEČ PODROBNOSTI

IZZIV	DOMENA	TIP REŠITVE
5. Izboljšanje gospodarske in ekološke učinkovitosti gozdne oskrbovalne verige	Sečnja in spravilo, infrastruktura, logistika Raziskave in razvoj	Pametni stroji, oprema
KLJUČNE BESEDE	DIGITALNE REŠITVE	INOVACIJA
--	Da	Da
IZVORNA DRŽAVA	OBSEG UPORABE	ZAČETNO IN KONČNO LETO
Nemčija	Čezmejni / Transnacionalni	2019 - 2021

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REFERENCES AND RESOURCES

SPLETNA STRAN

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

SPLETNA STRAN PROJEKTA

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

REFERENCA PROJEKTA

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VIRI

AVATAR project presentation

PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI

Rosewood 4.0

DATUM OBJAVE

31 Okt 2021



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

