

Productivity models for harvesting processes (HeProMo)



HeProMo

HeProMo is an IT-based tool to predict the costs of timber harvesting scenarios under different aspects such as harvester logging. It allows certain settings to reflect the real situations in the forest. It provides preliminary costing and sensitivity analysis.

HeProMo is an IT-based tool to predict the costs of timber harvesting scenarios under different aspects such as harvester logging. It allows certain settings to reflect the real situations in the forest. It provides preliminary costing and sensitivity analysis. estimation of productivity and cost for wood harvesting operations (preliminary costing). Writing and controlling offers for wood harvesting operations. Estimation of variables and their importance (sensitivity analysis). Well suitable for application in teaching , education and research to identify key contributing factors and assessment of their influence on the results. The productivity model (HeProMo) predicts quickly and with a good accuracy the costs for concrete timber harvesting scenarios. It allows the identification of optimization possibilities. The application is quite easy to handle and gives a solid basis for good economic choices.

VEČ PODROBNOSTI

IZZIV	DOMENA	TIP REŠITVE
5. Izboljšanje gospodarske in ekološke učinkovitosti gozdne oskrbovalne verige	Gojenje gozdov, gospodarjenje z gozdovi, odpornost, ekosistemske storitve Sečnja in spravilo, infrastruktura, logistika	Modeliranje, DSS, simulacija, optimizacija
KLJUČNE BESEDE	DIGITALNE REŠITVE	INOVACIJA
Cost estimation; harvesting scenarios; sensitivity analysis	Da	Da
IZVORNA DRŽAVA	OBSEG UPORABE	ZAČETNO IN KONČNO LETO
Švica	Nacionalni	--

KONTAKTNI PODATKI

LASTNIK OZ. AVTOR

Eidgenössische Forschungsanstalt WSL

Oliver Thees

oliver.thees@wsl.ch

<https://www.wsl.ch/en/about-wsl/locations/contact-and-maps.html>

POROČEVALEC

BFH Berne University of Applied Sciences

Moritz Dreher

moritzkaspar.dreher@bfh.ch

REFERENCES AND RESOURCES

SPLETNA STRAN

<https://www.wsl.ch/en/about-wsl/locations/contact-and-maps.html>

SPLETNA STRAN PROJEKTA

--

REFERENCA PROJEKTA

--

VIRI

--

PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI

Rosewood 4.0

DATUM OBJAVE

12 Aug 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

