

# 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

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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

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

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## REFERENCES AND RESOURCES

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### SPLETNA STRAN

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

### SPLETNA STRAN PROJEKTA

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### REFERENCA PROJEKTA

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### VIRI

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**PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI**

Rosewood 4.0

**DATUM OBJAVE**

12 Aug 2021

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**A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY**

