

# Productivity models for harvesting processes (HeProMo)



**ROSEWOOD**  
**4.0** Sustainable Wood  
for Europe

## 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 , eductaion and research to identify key contributing factors and assessmen of their influence on the results. The productivity model (HeProMO) predicts quickly and with a good accuracy the costs for concrete timber harvestin scenarios. It allows the identification of optimization possibilities. The application is quite easy to handle and gives a solid basis for good economic choices.

## PIÙ DETTAGLI

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SFIDA RISOLTA	DOMINIO	TIPO DI SOLUZIONE
5. Migliorare le prestazioni economiche e ambientali delle filiere forestali	La gestione forestale, selvicoltura, i servizi ecosistemici, resilienza La raccolta, le infrastrutture, la logistica	Modellazione, DSS, la simulazione, l'ottimizzazione
PAROLE CHIAVE	SOLUZIONE DIGITALE	INNOVAZIONE
Cost estimation; harvesting scenarios; sensitivity analysis	Sì	Sì
PAESE D'ORIGINE	SCALA DI APPLICAZIONE	INIZIO E FINE ANNO
Svizzera	Nazionale	--

## CONTATTI

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

## REFERENCES AND RESOURCES

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SITO PRINCIPALE	RISORSE
<a href="https://www.wsl.ch/en/about-wsl/locations/contact-and-maps.html">https://www.wsl.ch/en/about-wsl/locations/contact-and-maps.html</a>	--
SITO WEB DEL PROGETTO	--
PROGETTO DI RIFERIMENTO	--

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PROGETTO NELL'AMBITO DEL QUALE QUESTA SCHEDA è STATA CREATA

Rosewood 4.0

DATA DI INSERIMENTO

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

