

# 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.

## PLUS DE DÉTAILS

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DéFI CONCERNé	DOMAINE	TYPE DE SOLUTION
5. Accroître les performances économiques et environnementales de la chaîne logistique forestière	Getson forestière, sylviculture, services écosystémiques, résilience Récolte, infrastructure, logistique	Modélisation, DSS, simulation, optimisation
MOTS-CLéS	SOLUTION DIGITALE	INNOVATION
Cost estimation; harvesting scenarios; sensitivity analysis	Oui	Oui
PAYS D'ORIGINE	ECHELLE D'APPLICATION	DéBUT ET FIN D'ANNéE
Suisse	Nationale	--

## INFORMATIONS DE CONTACT

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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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SITE WEB PRINCIPAL	RESSOURCES
<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>	--
SITE WEB DU PROJET	--
RéFéRENCE DU PROJET	--

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PROJET SOUS LEQUEL CETTE FICHE D'INFORMATION A ÉTÉ CRÉÉE

Rosewood 4.0

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

