

# Productivity models for harvesting processes (HeProMo)



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

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

Estimation of productivity and cost for wood harvesting operations (preliminary costing). Writing and controlling of offers for wood harvesting operations.

Estimation about 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

## PODROBNOSTI

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**IZVOR LEŠA**

Gozd

**TIP LEŠA**

Okrogli les

**POTENCIJAL ZA MOBILIZACIJO**

- 10 m<sup>3</sup>/ha

**VRSTA OBRAVNANEGA LEŠA**

Stemwood

**ENOSTAVNOST IZVEDBE**

Easy

**VPLIV NA OKOLJE IN BIODIVERZITETO**

Positive

**ENOSTAVNOST IZVEDBE - OCENJEVANJE**

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**VPLIV NA PRIHODKE**

Positive

**KLJUČNI PREDPOGOJI**

Knowledge in silviculture

**POTENCIJAL IZKORIŠČANJA**

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**VRSTA DOGODKA, NA KATEREM JE BIL PREDSTAVLJEN TA BPI**

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**VOZLIŠČE**

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**VPLIV NA DELOVNA MESTA**

Positive

**GOSPODARSKI VPLIV**

Enhances competitiveness

**STROŠKI IZVEDBE (EURO - €)**

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**POTREBNO SPECIFIČNO ZNANJE**

Knowledge in silviculture and handling with IT-tools

**IZZIV**

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Gojenje gozdov, gospodarjenje z gozdovi, odpornost, --  
ekosistemski storitve

**KLJUČNE BESEDE**

--  
**DIGITALNE REŠITVE**

**INOVACIJA**

No

Ne

**IZVORNA DRŽAVA**

Švica  
**OBSEG UPORABE**

**ZAČETNO IN KONČNO LETO**

Nacionalni

2003 - 2016

**KONTAKTN  
PODATKI**

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**LASTNIK OZ. AVTOR**

**POROČEVALEC**

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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>

**VIRI**

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**SPLETNA STRAN PROJEKTA**

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**REFERENCA PROJEKTA**

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PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI

Rosewood

DATUM OBJAVE

16 Sep 2019

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

