

# 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 LESA

Gozd

### TIP LESA

Okrogli les

### VRSTA OBRAVNAVANEGA LESA

Stemwood

### VPLIV NA OKOLJE IN BIODIVERZITETO

Positive

### VPLIV NA PRIHODKE

Positive

### POTENCIAL IZKORIŠČANJA

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### VOZLIŠČE

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### GOSPODARSKI VPLIV

Enhances competitiveness

### POTREBNO SPECIFIČNO ZNANJE

Knowledge in silviculture and handling with IT-tools

### POTENCIAL ZA MOBILIZACIJO

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

### TRAJNOST - VREDNOST

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### ENOSTAVNOST IZVEDBE

Easy

### ENOSTAVNOST IZVEDBE - OCENJEVANJE

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### KLJUČNI PREDPOGOJI

Knowledge in silviculture

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

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### VPLIV NA DELOVNA MESTA

Positive

### STROŠKI IZVEDBE (EURO - €)

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VEČ  
PODROBNOSTI

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IZZIV

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DOMENA

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

TIP REŠITVE

KLJUČNE BESEDE

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DIGITALNE REŠITVE

No

INOVACIJA

Ne

IZVORNA DRŽAVA

Švica

OBSEG UPORABE

Nacionalni

ZAČETNO IN KONČNO LETO

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

