

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

DETALJER

OPPRINNELSE FOR TRE

Skog

TYPE TRE

Tre fra rundtvirke

MOBILISERINGSPOTENSIAL

- 10 m³/ha

TYPE TRE INVOLVERT

Stemwood

ENKEL IMPLEMENTERING

Easy

PÅVIRKNING PÅ MILJØ OG BIOLOGISK MANGFOLD

Positive

ENKEL IMPLEMENTERING - EVALUERING

--

INNTEKTSEFFEKT

Positive

VIKTIGE FORUTSETNINGER

Knowledge in silviculture

UTNYTTELSESPOTENSIAL

--

TYPE BEGIVENHET DER DENNE BPI HAR BLITT OMTALT

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HUB

--

EFFEKT PÅ ARBEIDSPLASSER

Positive

ØKONOMISK PÅVIRKNING

Enhances competitiveness

KOSTNADER MED IMPLEMENTERING (EURO - €)

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SPESIFIKKE KUNNSKAPSBEHOV

Knowledge in silviculture and handling with IT-tools

MER
INFORMASJON

UTFORDRING ADRESSERT	DOMENE	TYPE LØSNING
--	Skogforvaltning, skogskjøtsel, økosystemtjenester	--
NØKKELORD	DIGITAL LØSNING	INNOVASJON
--	Nei	Nei
OPPRINELSESLAND	POTENSIALE	START OG SLUTT ÅR
Sveits	Nasjonal	2003 - 2016

KONTAKT
INFORMASJON

EIER ELLER FORFATTER RAPPORTØR

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REFERENCES
AND RESOURCES

HJEMMESIDE (HOVEDSIDE) RESSURSER

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

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PROSJEKTETS HJEMMESIDE

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REFERANSE TIL PROSJEKT

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PROSJEKT SOM DETTE FAKTAARKET ER OPPRETTET UNDER

Rosewood

INNLEGGSDATO

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY



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