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

VEDENS URSPRUNG

Skog

TRäTYP

Rundvirke

TYP AV TRä

Stemwood

PåVERKAN På MILJö & BIOLOGISK MåNGFALD

Positive

EKONOMISK EFFEKT

Positive

KOMMERSIELL POTENTIAL

--

NAV

--

EKONOMISK PåVERKAN

Enhances competitiveness

SPECIFIKA KUNSKAPSBEHOV

Knowledge in silviculture and handling with IT-tools

MOBILISERINGSPOTENTIAL

- 10 m³/ha

HåLLBARHETS POTENTIAL - VäRDE

--

ENKEL IMPLEMENTERING

Easy

ENKEL IMPLEMENTERING - UTVäRDERING

--

NYCKEL FöRUTSäTTNINGAR

Knowledge in silviculture

TYP AV EVENEMANG DäR DENNA BPI HAR PRESENTERATS

--

EFFEKT ANTAL ANSTäLLDA

Positive

KOSTNADER FöR IMPLEMENTERING (EURO - €)

--

MER INFORMATION

UTMANING SOM ADRESSERAS

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DOMäN

Skogsförvaltning, skogskjötsel, ekosystemtjänster

TYPE AV LöSNING

--

NYCKELORD

--

DIGITAL LöSNING

Nej

INNOVASION

Nej

UPPHOVSLAND

Schweiz

POTENTIAL

Nationell

START OCH SLUTåR

2003 - 2016

KONTAKT INFORMASION

ÄGARE ELLER FöRFATTARE

oliver.thees@wsl.ch

RAPPORTöR

REFERENCES AND RESOURCES

HEMSIDA (HUVUDSIDA)

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

RESURSER

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PROJEKTETS HEMSIDA

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PROJEKTREFERENS

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PROJEKT SOM DETTA FACTSHEET SKAPATS INOM

Rosewood

DATUM FöR INLäGG

16 sep 2019

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