Mobile Timber Cruise (MOTI)



Forest stand inventory with the aid of the Smartphones capabilities (App). Easy, cheap and reliable tool for determining the most important dendrometer indicators (key figures of tree stands). Suitable for single tree measurement or stand inventories

Smartphones can be used as a good referencing tool for forest inventories and forest operation planning. Many further application developments and integrations thinkable

Easy and fast implementation of forest inventories and single tree measurement.
Possible determination of the base area (m2/ha) with or without the distinction of different tree species. Trunk rate (#/ha), stand height (m/ha), reserve of rough wood (m3/ha)

DETALJER

VEDENS URSPRUNG
Skog

TRäTYP
Rundvirke

TYP AV TRä
Stemwood

PåVERKAN På MILJö & BIOLOGISK MåNGFALD
Positive. Deeper knowledge about forest stands lead to more adapted silvicultural interventions enhancing sustainability

EKONOMISK EFFEKT
Positive (less field work needed)

KOMMERSIELL POTENTIAL
--

NAV
--

EKONOMISK PåVERKAN
- 10 m³/ha

SPECIFIKA KUNSKAPSBEHOV

MOBILISERINGSPOTENTIAL
0.1 - 0.2 m³/ha throughout the forested area of Switzerland (1.26 mio. ha)

HåLLBARHETS POTENTIAL - VäRDE
--

ENKEL IMPLEMENTERING
Very easy

ENKEL IMPLEMENTERING - UTVäRDERING
--

NYCKEL FöRUTSäTTNINGAR
Download from App-store (free of charge) available in different languages / app is adapted for forests with a lot of wood standing (big living stock)

TYP AV EVENEMANG DäR DENNA BPI HAR PRESENTERATS
--

EFFEKT ANTAL ANSTäLLDA
Positive thru better competitiveness

KOSTNADER FöR IMPLEMENTERING (EURO - €)
--

Low, App usage

MER INFORMATION

UTMANING SOM ADRESSERAS

--

DOMäN

TYPE AV LöSNING

Sensorer, mätinstrument

NYCKELORD

--

DIGITAL LöSNING

Ja

INNOVASION

Nej

UPPHOVSLAND

Schweiz

POTENTIAL

Nationell

START OCH SLUTåR

2013 -

KONTAKT INFORMASION

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RAPPORTöR

REFERENCES AND RESOURCES

HEMSIDA (HUVUDSIDA)

http://www.moti.ch

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

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 862681

Link to Rosewood 4.0

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY