

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 (m^2/ha) with or without the distinction of different tree species. Trunk rate ($\#/ha$), stand height (m/ha), reserve of rough wood (m^3/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

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NAV

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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

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ENKEL IMPLEMENTERING

Very easy

ENKEL IMPLEMENTERING - UTVÄRDERING

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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

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EFFEKT ANTAL ANSTÄLLDA

Positive thru better competitiveness

KOSTNADER FÖR IMPLEMENTERING (EURO - €)

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Low, App usage

**MER
INFORMATION**

UTMANING SOM ADRESSERAS

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NYCKELORD

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UPPHOVSLAND

Schweiz

DOMÄN

DIGITAL LÖSNING

Ja

POTENTIAL

Nationell

TYPE AV LÖSNING

Sensorer, mätinstrument

INNOVASION

Nej

START OCH SLUTÅR

2013 -

**KONTAKT
INFORMASION**

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RAPPORTÖR

**REFERENCES
AND RESOURCES**

HEMSIDA (HUVUDSIDA)

<http://www.moti.ch>

PROJEKTETS HEMSIDA

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PROJEKTREFERENS

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RESURSER

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PROJEKT SOM DETTA FACTSHEET SKAPATS INOM

Rosewood

DATUM FÖR INLÄGG

16 sep 2019



Link to Rosewood 4.0



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

