

## 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

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### VEDENS URSPRUNG

Skog

### TRÄTYP

Rundvirke

### MOBILISERINGSPOENTIAL

0.1 - 0.2 m<sup>3</sup>/ha throughout the forested area of Switzerland (1.26 mio. ha)

### TYP AV TRÄ

Stemwood

### ENKEL IMPLEMENTERING

Very easy

### PÅVERKAN PÅ MILJÖ & BIOLOGISK MÅNGFALD

Positive. Deeper knowledge about forest stands lead to more adapted silvicultural interventions enhancing sustainability

### ENKEL IMPLEMENTERING - UTVÄRDERING

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### EKONOMISK EFFEKT

Positive (less field work needed)

### 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)

### KOMMERSIELL POTENTIAL

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### TYP AV EVENEMANG DÄR DENNA BPI HAR PRESENTERATS

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### NAV

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### EFFEKT ANTAL ANSTÄLLDA

Positive thru better competitiveness

### EKONOMISK PÅVERKAN

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

### KOSTNADER FÖR IMPLEMENTERING (EURO - €)

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### SPECIFIKA KUNSKAPSBEHOV

Low, App usage

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INFORMATION

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UTMANING SOM ADRESSERAS	DOMÄN	TYPE AV LÖSNING
--		Sensorer, mätinstrument
NYCKELORD	DIGITAL LÖSNING	INNOVATION
--	Ja	Nej
UPPHOVSLAND	POTENTIAL	START OCH SLUTÅR
Schweiz	Nationell	2013 -

KONTAKT  
INFORMASION

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ÄGARE ELLER FÖRFATTARE	RAPPORTÖR
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REFERENCES  
AND RESOURCES

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HEMSIDA (HUVUDSIDA)	RESURSER
<a href="http://www.moti.ch">http://www.moti.ch</a>	--
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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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY



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