

## 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 ( $m^3/ha$ )

## DETALJI

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**PODRIJETLO DRVA**

Šuma

**VRSTA DRVA**

Deblo

**POTENCIJAL ZA POVEĆANJE UPORABE DRVA**

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

**ODGOVARAJUĆA VRSTA DRVA**

Stemwood

**JEDNOSTAVNOST PROVEDBE**

Very easy

**UTJECAJ NA OKOLIŠ I BIORAZNOLIKOST**

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

**JEDNOSTAVNOST PROVEDBE - EVALUACIJA**

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**UČINAK NA PRIHOD**

Positive (less field work needed)

**KLJUČNI PREDUVJETI**

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)

**POTENCIJAL ISKORISTIVOSTI**

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**VRSTA DOGAđAJA NA KOJEM JE PRIKAZAN OVAJ BPI**

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**SREDIŠTE**

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**UČINAK NA ZAPOŠLJIVOST**

Positive thru better competitiveness

**GOSPODARSKI UČINAK**

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

**TROŠKOVI PROVEDBE (EURO - €)**

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**POTREBNA POSEBNA ZNANJA**

Low, App usage

**VIŠE DETALJA**

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IZAZOV	DOMENA	VRSTA RJEŠENJA
--		Senzori, mjerna oprema
<b>KLJUČNE RIJEČI</b>	<b>DIGITALNO RJEŠENJE</b>	<b>INOVACIJA</b>
--	Da	Ne
<b>ZEMLJA PODRIJETLA</b>	<b>PODRUČJE PRIMJENE</b>	<b>POČETAK I KRAJ GODINE</b>
Švicarska	Nacionalna	2013 -

**KONTAKT  
PODATCI**

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**REFERENCES  
AND RESOURCES**

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**GLAVNA WEB STRANICA** **IZVORI**

<http://www.moti.ch>

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**WEB STRANICA PROJEKTA**

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**REFERENCA PROJEKTA**

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PROJEKT U OKVIRU KOJEG JE INFORMATIVNI LIST KREIRAN

Rosewood

DATUM UNOSA

16 ruj 2019

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

