

# Mobile Timber Cruise (MOTI)



**ROSEWOOD**  
**4.0** Sustainable Wood  
for Europe

## 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.*

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. 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 ( $m^3/ha$ ). Smartphones can be used as a good referencing tool for forest inventories and forest operation planning. Many further application developments and integrations thinkable.



## MAI MULTE DETALII

---

PROVOCARE ABORDATĂ	DOMAIN	TIP DE SOLUȚIE
2. Îmbunătățirea infrastructurilor și a capacitatei actorilor publici	Inventariere, evaluare, monitorizare Managementul pădurilor, silvicultura, servicii ecosistemice, reziliență Educație și training	Senzori, echipamente de măsurare
CUVINTE CHEIE	SOLUȚIE DIGITALĂ	INOVAȚIE
App; Inventory	Da	Da
ȚARA DE ORIGINE	SCARA DE APLICARE	ANUL DE ÎNCEPUT și DE SFÂRSIT
Elveția	Național	--

## DATE DE CONTACT

---

PROPRIETAR SAU AUTOR	REPORTER
BFH Berne University of Applied Sciences Christian Rosset christian.rosset@bfh.ch www.moti.ch	BFH Bern University of Applied Sciences Moritz Dreher moritzkaspar.dreher@bfh.ch

## REFERENCES AND RESOURCES

---

PAGINĂ WEB	RESURSE
<a href="https://www.moti.ch">https://www.moti.ch</a>	--
WEBSITE PROJECT	--
REFERINȚĂ PROIECT	--

---

PROIECTUL ÎN CADRUL CĂRUIA A FOST CREATĂ ACEASTĂ FIŞĂ INFORMATIVĂ  
Rosewood 4.0

DATA POSTĂRII  
12 Aug 2021

---



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

862681

---

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

