

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.

MER INFORMASJON

UTFORDRING ADRESSERT	DOMENE	TYPE LØSNING
2. Forbedre infrastruktur og kapasitet for offentlige aktører	Inventering, vurdering, overvåking Skogforvaltning, skogskjøtsel, økosystemtjenester Undervisning og kurs	Sensorer, måleinstrumenter
NØKKELORD	DIGITAL LØSNING	INNOVASJON
App; Inventory	Ja	Ja
OPPRINELSESLAND	POTENSIALE	START OG SLUTT ÅR
Sveits	Nasjonal	--

KONTAKT INFORMASJON

EIER ELLER FORFATTER	RAPPORTØR
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

HJEMMESIDE (HOVEDSIDE)	RESSURSER
https://www.moti.ch	--
PROSJEKTETS HJEMMESIDE	
--	
REFERANSE TIL PROSJEKT	
--	

PROSJEKT SOM DETTE FAKTAARKET ER OPPRETTET UNDER
Rosewood 4.0

INNLEGGSDATO
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



□