

# Mobile Timber Cruise (MOTI)



## 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<sup>2</sup>/ha) with or without the distinction of different tree species. Trunk rate (#/ha), stand height (m/ha), reserve of rough wood (m<sup>3</sup>/ha). Smartphones can be used as a good referencing tool for forest inventories and forest operation planning. Many further application developments and integrations thinkable.



## MAIS DETALHES

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### DESAFIO ABORDADO

2. Melhorar as infra-estruturas e a capacidade dos actores públicos

### DOMÍNIO

Inventário, avaliação e monitorização  
Gestão florestal, silvicultura, serviços do ecossistema, resiliencia  
Educação e formação

### TIPO DE SOLUÇÃO

Sensores, equipamentos de medição

### PALAVRAS-CHAVE

App; Inventory

### SOLUÇÃO DIGITAL

Sim

### INOVAÇÃO

Sim

### PAÍS DE ORIGEM

Suíça

### ESCALA DE APLICAÇÃO

Nacional

### ANO DE INÍCIO E FIM

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## DADOS DE CONTACTO

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### REPÓRTER

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## REFERENCES AND RESOURCES

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### WEBSITE PRINCIPAL

<https://www.moti.ch>

### WEBSITE DO PROJETO

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### REFERÊNCIA AO PROJETO

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### RECURSOS

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PROJETO NO ÂMBITO DO QUAL A FOLHA DE DIVULGAÇÃO FOI CRIADA

Rosewood 4.0

DATA DE ENTRADA

12 Ago 2021

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

862681

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

