

# Assortment simulator (SorSim)



## SorSim

*IT-based simulation (SorSim) for revenue estimation for single trees or tree stands. Modelling of the stem form, height, diameter at breast height (DBH) from tree species. Supports decision makers in production- and utilization processes.*

IT-based simulation (SorSim) for revenue estimation for single trees or tree stands. Modelling of the stem form, height, diameter at breast height (DBH) from tree species. Supports decision makers in production- and utilization processes. SorSim allows an adequate calculation of the revenues of single trees and tree stands with the information's of quality, quantity and the assortment. The information basis includes tree species, tree age (height), stem-form. SorSim is an IT-based tool which allows to predict values on single tree-level and tree stands

## VIAC INFORMÁCIÍ

---

### RIEŠENÁ VÝZVA

5. Zlepšenie hospodárskej a environmentálnej výkonnosti dodávateľských reťazcov v lesníctve

### Kľúčové SLOVá

Simulation; Modelling; Assortment

### KRAJINA PôVODU

Švajčiarsko

### DOMAIN

Produkty, trhy, obchod  
Ťažba, infraštruktúra, logistika

### DIGITALNE RIEŠENIE

áno

### ROZSAH APLIKÁCIE

Národný

### TYP RIEŠENIA

Modelovanie, simulácia, optimalizácia

### INOVÁCIE

Áno

### ZAČIATOK A KONIEC ROKA

--

## KONTAKTNÉ ÚDAJE

---

### VLASTNÍK ALEBO AUTOR

#### Eidgenössische Forschungsanstalt WSL

Renato Lemm

renato.lemm@wsl.ch

<https://www.wsl.ch/en/projects/sortimentsimulator-sorsim.html>

### REPORTÉR

#### BFH Berne University of Applied Sciences

Moritz Dreher

moritzkaspar.dreher@bfh.ch

## REFERENCES AND RESOURCES

---

### HLAVNÁ WEBSTRÁNKA

<https://www.wsl.ch/en/projects/sortimentsimulator-sorsim.html>

### PROJEKTOVÁ WEBSTRÁNKA

--

### REFERENCIA PROJEKTU

--

### ZDROJE

--

---

PROJEKT, V RÁMCI KTORÉHO BOL TENTO INFORMAČNÝ PREHĽAD VYTVORENÝ

Rosewood 4.0

DÁTUM ODOSLANIA

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

