

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

MAIS DETALHES

DESAFIO ABORDADO

5. Melhorar o desempenho económico e ambiental das cadeias de abastecimento florestal

PALAVRAS-CHAVE

Simulation; Modelling; Assortment

PAÍS DE ORIGEM

Suíça

DOMÍNIO

Produtos, mercados e comércio
Cortes, infraestruturas e logística

SOLUÇÃO DIGITAL

Sim

ESCALA DE APLICAÇÃO

Nacional

TIPO DE SOLUÇÃO

Modelação, sistemas de apoio à decisão, simulação, optimização

INOVAÇÃO

Sim

ANO DE INÍCIO E FIM

--

DADOS DE CONTACTO

PROPRIETÁRIO OU AUTOR

Eidgenössische Forschungsanstalt WSL

Renato Lemm

renato.lemm@wsl.ch

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

REPÓRTER

BFH Berne University of Applied Sciences

Moritz Dreher

moritzkaspar.dreher@bfh.ch

REFERENCES AND RESOURCES

WEBSITE PRINCIPAL

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

WEBSITE DO PROJETO

--

REFERÊNCIA AO PROJETO

--

RECURSOS

--

PROJETO NO ÂMBITO DO QUAL A FOLHA DE DIVULGAÇÃO FOI CRIADA

Rosewood 4.0

DATA DE ENTRADA

12 Ago 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

