

## Forest growing model (SiWaWa 2.0)



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

### SiWaWa 2.0

*A simple forest growth simulation model for practitioner (Android-App). SiWaWa needs only the number of the stems [N], the basal area per hectare [G] of a certain stand to generate separated the stem distribution curve according to the DBH-classes.*

A simple forest growth simulation model for practitioner (Android-App). SiWaWa needs only the number of the stems [N], the basal area per hectare [G] of a certain stand to generate separated the stem distribution curve according to the DBH-classes. Free available Android-App, which could be used in the following fields:

1. Strategy: Goal dimension of the trees, cutting time
2. Care concept: Coordination of harvesting time, optimization of productivity
3. Measurements: Urgency and priority
4. Analysis: Starting point and forest development without

interventions. Definition of intervention measures and simulation. SiWaWa 2.0 supports the decision makers in two aspects: Silvicultural and forest planning. It supports the foresters in a better understanding of the state point and forest development.

## MAI MULTE DETALII

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### PROVOCARE ABORDATĂ

5. Îmbunătățirea performanțelor economice și de mediu ale lanțurilor de aprovizionare cu păduri

### DOMAIN

Managementul pădurilor, silvicultura, servicii ecosistemice, reziliență

### TIP DE SOLUȚIE

Modelare, DSS, simulare, optimizare

### CUVINTE CHEIE

Simulation; Growth; App

### SOLUȚIE DIGITALĂ

Da

### INOVAȚIE

Da

### ȚARA DE ORIGINE

Elveția

### SCARA DE APLICARE

Național

### ANUL DE ÎNCEPUT și DE SFÂRȘIT

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## DATE DE CONTACT

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## REFERENCES AND RESOURCES

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### PAGINĂ WEB

<http://siwawa.org/wiki/index.php>

### RESURSE

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### WEBSITE PROJECT

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### REFERINȚĂ PROIECT

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PROIECTUL ÎN CADRUL CĂRUIA A FOST CREATĂ ACEASTĂ FIŞĂ INFORMATIVĂ

Rosewood

DATA POSTĂRII

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

