

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.

MER INFORMATION

UTMANING SOM ADRESSERAS	DOMÄN	TYPE AV LÖSNING
5. Förbättra ekonomisk och miljömässig prestanda för skogsförsörjningskedjor	Skogsförvaltning, skogskjötsel, ekosystemtjänster Undervisning och träning	Modellering, DSS, simulering, optimering
NYCKELORD	DIGITAL LÖSNING	INNOVATION
Simulation; Growth; App	Ja	Ja
UPPHOVSLAND	POTENTIAL	START OCH SLUTÅR
Schweiz	Nationell	--

KONTAKT INFORMASION

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REFERENCES AND RESOURCES

HEMSIDA (HUVUDSIDA)	RESURSER
http://siwawa.org/wiki/index.php	--
PROJEKTETS HEMSIDA	
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PROJEKTREFERENS	
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PROJEKT SOM DETTA FACTSHEET SKAPATS INOM
Rosewood

DATUM FÖR INLÄGG
12 aug 2021



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

862681

[Link to Rosewood 4.0](#)



A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

