

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.

MAIS DETALHES

DESAFIO ABORDADO	DOMÍNIO	TIPO DE SOLUçãO
5. Melhorar o desempenho económico e ambiental das cadeias de abastecimento florestal	Gestão florestal, silvicultura, serviços do ecosistema, resiliencia Educação e formação	Modelação, sistemas de apoio à decisão, simulação, optimização
PALAVRAS-CHAVE	SOLUçãO DIGITAL	INOVAçãO
Simulation; Growth; App	Sim	Sim
PAÍS DE ORIGEM	ESCALA DE APLICAçãO	ANO DE INÍCIO E FIM
Suíça	Nacional	--

DADOS DE CONTACTO

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REFERENCES AND RESOURCES

WEBSITE PRINCIPAL	RECURSOS
http://siwawa.org/wiki/index.php	--
WEBSITE DO PROJETO	
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REFERêNCIA AO PROJETO	
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PROJETO NO âMBITO DO QUAL A FOLHA DE DIVULGAÇÃO FOI CRIADA

Rosewood

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

[Link to Rosewood 4.0](#)



A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

