# sIMfLOR | Platform for the Portuguese forest simulators



Forest growth simulators are essential tools for assisting forest management decision making. sIMfLOR was developed to integrate forest growth simulations for the main tree species in Portugal under the same interface where input files and outputs present the same structure regardless of the species.

sIMfLOR is a platform that integrates several simulators developed for the main portuguese forests species. The platform aims to encourage users from research fields, managers and forest owners to make use of the forest growth and yield models available for the Portuguese tree species in a user-friendly way. Different stand and regional level simulators have been integrated in a common environment alongside with other tools. The platform has been developed and continuosly improved over the years under the scope of several EU projects. The platform combines several simulators integrating growth models for the most relevant tree species in Portugal: eucalypt, maritime and umbrella pines, cork and holm oaks. Within sIMfLOR, simulators are grouped under stand level simulators (SUBER, WEBPBRAVO, WEGLOBULUS) and wide-range simulators (StandsSIM) that cover simulations from stand to regional level. sIMfLOR platfrom can be freely downloaded from the FCTools website after registering. This will enable the use of SUBER and the management driven StandsSIM (StandsSIM.md), both these tools allow simulating new plantations, an existing single stand and multiple stands. The scenario driven version of StandsSIM. (StandsSIM.sd, former SIMPLOT) is only made available upon request. Over the years, several training workshops have been organized with attendees from researchers to private owners and forest owners associations. Forestry master students from ISA are also trained to use the tool.

DéFI CONCERNé	DOMAINE	TYPE DE SOLUTION
4. Assurer une main-d'oeuvre bien formée à travers	Getsion forestière, sylviculture, services	Modélisation, DSS, simulation, optimisation
le développement attractif de compétences et la	écosystémiques, résilience	
formation	Education et formation	
MOTS-CLéS	SOLUTION DIGITALE	INNOVATION
Growth models; forest simulators; DSS; forest	Oui	Oui
management; training		
PAYS D'ORIGINE	ECHELLE D'APPLICATION	DéBUT ET FIN D'ANNéE
Portugal	Régionale/subnationale	

## INFORMATIONS DE CONTACT

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# REFERENCES AND RESOURCES

#### SITE WEB PRINCIPAL

http://www.isa.ulisboa.pt/cef/forchange/fctools/pt/PlataformasIMfLOR\_

### SITE WEB DU PROJET

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#### **RéFéRENCE DU PROJET**

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RESSOURCES

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#### PROJET SOUS LEQUEL CETTE FICHE D'INFORMATION A ÉTÉ CRÉÉE

Rosewood 4.0

DATE DE PUBLICATION

28 déc 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



