

# e-globulus | Knowledge transfer platform towards sustainable forest management of eucalypt plantations



## e-globulus

*Knowledge transfer platform for assisting forest owners in eucalypt' stands management*

The project aimed at technical and scientific knowledge transfer encouraging the management of eucalypt plantations. A freely available user-friendly platform providing site specific prescriptions concerning the best silvicultural practices that takes edaphic, climatic and topographic characteristics into account was developed. In order to benefit from technical assistance, the forest owner has to be registered in the platform (trial-version available). First, he has to add his property by drawing it directly on Google Maps or importing a shapefile/KML. The next step will consist of property/forest characterization (e.g. age and stand rotation, soil details, topography). Finally, has to specify if he wants to establish a new stand or maintain an existing one. After completed, a personalized technical prescription is immediately provided. The user can edit his list of properties or update the forests' characteristics. When features are updated, the user can request for a revised technical prescription. A pdf file with the prescription can be downloaded or access can be directly granted to someone (e.g. forest manager). An additional feature allows users to consult possible restrictions of legal and/or environmental scope concerning forestry practices. This tool includes also an online library and other contents. By the end of 2021, the platform reached more than 43k visualizations, 10k users with 560 users registered in technical indications module; 3 patents were submitted.

## VIAC INFORMÁCIÍ

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### RIEŠENÁ VÝZVA

1. Zlepšenie odolnosti lesov a adaptácie na zmenu klímy

### Kľúčové SLOVÁ

on-line platform; silvicultural operations; forest management; eucalypt; forest owners

### KRAJINA PôVODU

Portugalsko

### DOMAIN

Lesné hospodárstvo/hospodárska úprava lesa, pestovanie lesa, ekosystémové služby, odolnosť

### DIGITALNE RIEŠENIE

áno

### ROZSAH APLIKÁCIE

Národný

### TYP RIEŠENIA

Poradenské a servisné nástroje pre vlastníkov lesov

### INOVÁCIE

Áno

### ZAČIATOK A KONIEC ROKA

2017 - 2020

## KONTAKTNÉ ÚDAJE

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### VLASTNÍK ALEBO AUTOR

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### REPORTÉR

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## REFERENCES AND RESOURCES

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### HLAVNÁ WEBSTRÁNKA

<https://www.e-globulus.pt/o-que-e>

### PROJEKTOVÁ WEBSTRÁNKA

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### REFERENCIA PROJEKTU

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### ZDROJE

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LOGO NAJLPEŠEJ  
PRAXE



LOGO HLAVNEJ ORGANIZÁCIE

**RAIZ**

 Instituto de Investigação da Floresta e Papel

PROJEKT, V RÁMCI KTORÉHO BOL TENTO INFORMAČNÝ PREHÍAD VYTVORENÝ  
Rosewood 4.0

DÁTUM ODOSLANIA  
13 aug 2021



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

