

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.

Περισσότερες λεπτομέρειες

Πρόκληση η οποία αντιμετωπίζεται	Όνομα χώρου	Τύπος λύσης
1. Βελτίωση της ανθεκτικότητας των δασών και της προσαρμογής στην κλιματική αλλαγή	Διαχείριση δασών, δασοκομία, υπηρεσίες οικοσυστήματος, ανθεκτικότητα	Εργαλεία παροχής συμβουλών και υπηρεσιών για τους δασοκτήμονες
Λέξεις κλειδιά	Ψηφιακή λύση	Καινοτομία
on-line platform; silvicultural operations; forest management; eucalypt; forest owners	ναι	Ναι
Χώρα προέλευσης	Κλίμακα της εφαρμογής	Έτος έναρξης και λήξης
Πορτογαλία	Εθνικό	2017 - 2020

Στοιχεία επικοινωνίας

Ιδιοκτήτης ή συγγραφέας
RAIZ – Instituto de investigação da floresta e papel

info@e-globulus.pt

Αναφορέας
Instituto Superior de Agronomia (ISA)
Susana Barreiro
smb@isa.ulisboa.pt

REFERENCES AND RESOURCES

Κύριος ιστότοπος
<https://www.e-globulus.pt/o-que-e>
Ιστότοπος έργου
--
Αναφορά έργου
--

Πηγές
--

λογότυπο καλής
πρακτικής



λογότυπο επικεφαλής
οργανισμού



 Instituto de Investigação da Floresta e Papel

Έργο για το οποίο έχει δημιουργηθεί το παρόν φύλλο πληροφοριών
Rosewood 4.0

Ημερομηνία δημοσίευσης
13 Αυγ 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

