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.

Più DETTAGLI

SFIDA RISOLTA

1. Migliorare la resilienza delle foreste e l'adattamento ai cambiamenti climatici

DOMINIO

La gestione forestale, selvicoltura, i servizi ecosistemici, resilienza

TIPO DI SOLUZIONE

strumenti di consulenza e servizi per i proprietari di foreste

PAROLE CHIAVE

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

SOLUZIONE DIGITALE

Sì

INNOVAZIONE

Sì

PAESE D'ORIGINE

Portogallo

SCALA DI APPLICAZIONE

Nazionale

INIZIO E FINE ANNO

2017 - 2020

CONTATTI

PROPRIETARIO O AUTORE

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REFERENCES AND RESOURCES

SITO PRINCIPALE

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

RISORSE

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SITO WEB DEL PROGETTO

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PROGETTO DI RIFERIMENTO

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LOGO DELLE MIGLIORI PRATICHE

LOGO DELLA PRINCIPALE ORGANIZZAZIONE

PROGETTO NELL'AMBITO DEL QUALE QUESTA SCHEDA è STATA CREATA

Rosewood 4.0

DATA DI INSERIMENTO

13 Ago 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