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.

WIęCEJ INFORMACJI

WYZWANIE

1. Poprawa odporności lasu i adaptacja do zmian klimatu

DOMENA

Zarządzanie lasem, gospodarka leśna, usługi ekosystemowe, odporność

RODZAJ ROZWIąZANIA

Usługi doradcze i narzędzia dla właścicieli lasów

SŁOWA KLUCZOWE

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

ROZWIąZANIE CYFROWE

Tak

INNOWACJA

Tak

KRAJ POCHODZENIA

Portugalia

SKALA APLIKACJI

Krajowa

ROK ROZPOCZęCIA I ZAKOńCZENIA

2017 - 2020

DANE KONTAKTOWE

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ŹRóDłA I MATERIAłY

STRONA INTERNETOWA

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

STRONA INTERNETOWA PROJEKTU

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PROJEKT

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ZASOBY

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LOGO DOBREJ PRAKTYKI

LOGO ORGANIZACJI

PROJEKT, W RAMACH KTóREGO STWORZONA ZOSTAłA NINIEJSZA FISZKA

Rosewood 4.0

DATA PUBLIKACJI

13 sie 2021

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Link to Rosewood 4.0

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY