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.

MER INFORMATION

UTMANING SOM ADRESSERAS

1. Förbättra skogens motståndskraft och anpassning till klimatförändringar

DOMäN

Skogsförvaltning, skogskjötsel, ekosystemtjänster

TYPE AV LöSNING

Rådgivning og serviceverktyg för skogsägare

NYCKELORD

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

DIGITAL LöSNING

Ja

INNOVASION

Ja

UPPHOVSLAND

Portugal

POTENTIAL

Nationell

START OCH SLUTåR

2017 - 2020

KONTAKT INFORMASION

ÄGARE ELLER FöRFATTARE

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RAPPORTöR

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REFERENCES AND RESOURCES

HEMSIDA (HUVUDSIDA)

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

PROJEKTETS HEMSIDA

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PROJEKTREFERENS

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RESURSER

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LOGO FöR BEST PRACTICE

LOGO, HUVUDORGANISATION

PROJEKT SOM DETTA FACTSHEET SKAPATS INOM

Rosewood 4.0

DATUM FöR INLäGG

13 aug 2021

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY