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.

MáS DETALLES

RETO ABORDADO

1. Mejorar la resistencia y la adaptación de los bosques al cambio climático

DOMINIO

Gestión forestal, silvicultura, servicios ecosistémicos, resiliencia

TIPO DE SOLUCIóN

Herramientas de asesoramiento y servicios para propietarios forestales

PALABRAS CLAVE

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

SOLUCIóN DIGITAL

Sí

INNOVACIóN

Si

PAíS DE ORIGEN

Portugal

ESCALA DE APLICACIóN

Nacional

AñO DE INICIO Y FIN

2017 - 2020

DATOS DE CONTACTO

PROPIETARIO O AUTOR

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REFERENCES AND RESOURCES

SITIO WEB PRINCIPAL

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

SITIO WEB DEL PROYECTO

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REFERENCIA DEL PROYECTO

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RECURSOS

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LOGO DE LA BUENA PRáCTICA

LOGOTIPO DE LA ORGANIZACIóN PRINCIPAL

PROYECTO BAJO EL QUE SE HA CREADO ESTA FICHA

Rosewood 4.0

FECHA DE MENSAJE

13 Ago 2021

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