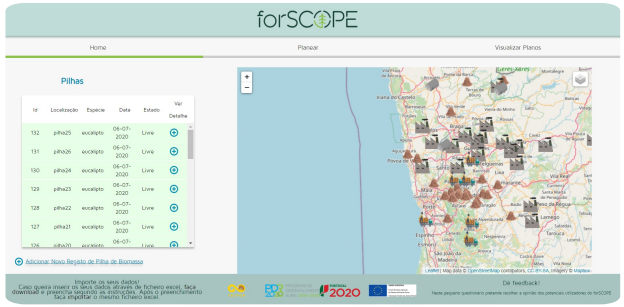
Forscope | Forest Supply Chain Optimization System



Forscope is a prototype of an advanced planning system for forest biomass supply chain.

The Forscope is a prototype of an advanced planning system for forest biomass supply chain. It works as a digital marketplace for forest biomass, providing information on supply and demand for forest biomass for various types of users, biomass producers, biomass consumers and logistical suppliers of processing and transportation. It also allows the planning of the supply chain, i.e. it sequences the forest biomass splitting operations according to the available equipment fleet and their productivity, in order to minimize logistics costs and meet the supply contracts of the biomass plants. It can also provide the optimal transport routes and cost estimates with processing equipment, with transport equipment, thus allowing the management of an operations plan that can be monthly but also a daily management of operations.

MáS DETALLES

RETO ABORDADO

3. Activar a los propietarios privados y la gestión forestal cooperativa

DOMINIO

Inventario, evaluación, seguimiento

Aprovechamiento, infraestructura, logística

Industrias forestales, economía biocircular

TIPO DE SOLUCIóN

Plataformas de comercialización

PALABRAS CLAVE

traceability; mobile app; web app

SOLUCIóN DIGITAL

Sí

INNOVACIóN

Si

PAíS DE ORIGEN

Portugal

ESCALA DE APLICACIóN

Nacional

AñO DE INICIO Y FIN

2016 - 2019

DATOS DE CONTACTO

PROPIETARIO O AUTOR

INESCTEC -Institute for systems and cumputer engineering, technology and science

Alexandra Marques

alexandra.marques@forestwise.pt

https://www.forestwise.pt/

REPORTADOR

Instituto Superior de Agronomia (ISA)

Susana Barreiro

smb@isa.ulisboa.pt

REFERENCES AND RESOURCES

SITIO WEB PRINCIPAL

http://forscope.inesctec.pt

SITIO WEB DEL PROYECTO

--

REFERENCIA DEL PROYECTO

--

RECURSOS

--

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

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