

Forscope | Forest Supply Chain Optimization System

The screenshot shows the forSCOPE software interface. At the top, there are tabs for 'Home', 'Planner', and 'Visualizar Planos'. The 'Planner' tab is active, displaying a table titled 'Pilhas' (Logs) with columns: ID, Localização, Espécie, Data, Estado, and Val. The table lists 12 rows of log data. To the right of the table is a map of a forest area with various locations labeled and marked with icons. A legend at the bottom left of the map identifies symbols for roads, rivers, and forest areas. At the bottom of the interface, there is a footer with logos for the project partners and a feedback link.

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 computer 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>

RECURSOS

--

SITIO WEB DEL PROYECTO

--

REFERENCIA DEL PROYECTO

--

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

