

# 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, showing 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 forested region with various points marked. A legend at the bottom left of the map identifies symbols for different types of resources. At the bottom of the screen, there is a footer with logos and text in Portuguese.

***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.

## VIAC INFORMÁCIÍ

---

### RIEŠENá VÝZVA

3. Aktivizácia súkromných vlastníkov a družstevného Inventarizácia, posudzovanie, obhospodarovania lesov

### DOMAIN

monitoring/monitorovanie

### TYP RIEŠENIA

marketingové platformy

Ťažba, infraštruktúra, logistika

Na lese založené priemyselné odvetvia, bio/obehová ekonomika

### KľúčOVé SLOVá

traceability; mobile app; web app

### DIGITALNE RIEŠENIE

áno

### INOVÁCIE

Áno

### KRAJINA PôVODU

Portugalsko

### ROZSAH APLIKáCIE

Národný

### ZAČIATOK A KONIEC ROKA

2016 - 2019

## KONTAKTNé úDAJE

---

### VLASTNÍK ALEBO AUTOR

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

Alexandra Marques

alexandra.marques@forestwise.pt

<https://www.forestwise.pt/>

### REPORTér

Instituto Superior de Agronomia (ISA)

Susana Barreiro

smb@isa.ulisboa.pt

## REFERENCES AND RESOURCES

---

### HLAVNá WEBSTRáNKA

<http://forscope.inesctec.pt>

### PROJEKTOVá WEBSTRÁNKA

--

### REFERENCIA PROJEKTU

### ZDROJE

--



LOGO NAJLPEŠEJ PRAXE

---



LOGO HLAVNEJ  
ORGANIZÁCIE

---



PROJEKT, V RÁMCI KTÓRÉHO BOL TENTO INFORMAČNÝ PREHĽAD VYTVORENÝ

Rosewood 4.0

DÁTUM ODOSLANIA

13 aug 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

