

# 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 Vlr. The table lists 14 entries of logs from various locations like 'pinhão25', 'pinhão26', etc., with details such as 'excepcional', '08-07-', 'Livre', and values ranging from 1000 to 1200. To the right of the table is a map of a forest area with several points marked, representing log locations. A legend at the bottom of the map identifies symbols for 'Pilha', 'Caminho', 'Ponto de Coleta', and 'Ponto de Descarga'. Below the map is a note in Portuguese: 'Caso queira inserir novas pilhas no sistema, faça download e puxe a seção de adições. Adicione o preenchimento da imprensa e reinicie o sistema.' At the bottom of the interface are logos for 'Programa Operacional do Desenvolvimento da Região Centro 2014-2020', 'UE', and 'Portugal 2020'.

*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.

## WIĘCEJ INFORMACJI

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WYZWANIE	DOMENA	RODZAJ ROZWIAZANIA
3. Aktywizacja prywatnych właścicieli lasu i kooperacyjne zarządzanie lasami	Inwentaryzacja, ocena, monitoring zasobów Pozyskanie, infrastruktura, logistyka Przemysły drzewne, bio-/ cyrkularna gospodarka	Platformy marketingowe
SŁOWA KLUCZOWE	ROZWIAZANIE CYFROWE	INNOWACJA
traceability; mobile app; web app	Tak	Tak
KRAJ POCHODZENIA	SKALA APLIKACJI	ROK ROZPOCZĘCIA I ZAKOŃCZENIA
Portugalia	Krajowa	2016 - 2019

## DANE KONTAKTOWE

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## ŹRÓDŁA I MATERIAŁY

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STRONA INTERNETOWA	ZASOBY
<a href="http://forscope.inesctec.pt">http://forscope.inesctec.pt</a>	--
STRONA INTERNETOWA PROJEKTU	--
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PROJEKT	
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LOGO DOBREJ PRAKTYKI

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LOGO ORGANIZACJI

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PROJEKT, W RAMACH KTÓREGO STWORZONA ZOSTAŁA NINIEJSZA FISZKA

Rosewood 4.0

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[Link to Rosewood 4.0](#)



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY



Centro de Servicios y Promoción Forestal  
y de su Industria de Castilla y León



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