

# 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 contains 14 rows of log data. To the right of the table is a map of a forested region with various points marked, representing log locations. A legend at the bottom of the map identifies symbols for different types of logs. Below the map is a note in Portuguese: 'Caso queira inserir novas pilhas no sistema, faça download e preencha o arquivo de adições. Adicione o preenchimento na importação de dados.' (If you want to add new logs to the system, download and fill in the addition file. Add the filling in the data import). The bottom right corner of the map has a 'De feedback!' button.

*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.

## MAIS DETALHES

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DESAFIO ABORDADO	DOMÍNIO	TIPO DE SOLUçãO
3. Motivar os proprietários privados e a gestão florestal cooperativa	Inventário, avaliação e monitorização Cortes, infraestruturas e logística Indústrias do sector florestal, bioeconomia circular	Plataformas de marketing
PALAVRAS-CHAVE	SOLUçãO DIGITAL	INOVAçãO
traceability; mobile app; web app	Sim	Sim
PAÍS DE ORIGEM	ESCALA DE APLICAçãO	ANO DE INÍCIO E FIM
Portugal	Nacional	2016 - 2019

## DADOS DE CONTACTO

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## REFERENCES AND RESOURCES

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WEBSITE PRINCIPAL	RECURSOS
<a href="http://forscope.inesctec.pt">http://forscope.inesctec.pt</a>	--
WEBSITE DO PROJETO	--
REFERêNCIA AO PROJETO	--

LOGOTIPO DA BOA PRÁTICA

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LOGOTIPO DA ORGANIZAÇÃO PRINCIPAL

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PROJETO NO ÂMBITO DO QUAL A FOLHA DE DIVULGAÇÃO FOI CRIADA

Rosewood 4.0

DATA DE ENTRADA

13 Ago 2021



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY



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