

# 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.

## MAIS DETALHES

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### DESAFIO ABORDADO

3. Motivar os proprietários privados e a gestão florestal cooperativa

### DOMÍNIO

Inventário, avaliação e monitorização  
Cortes, infraestruturas e logística  
Indústrias do sector florestal, bioeconomia circular

### TIPO DE SOLUÇÃO

Plataformas de marketing

### PALAVRAS-CHAVE

traceability; mobile app; web app

### SOLUÇÃO DIGITAL

Sim

### INOVAÇÃO

Sim

### PAÍS DE ORIGEM

Portugal

### ESCALA DE APLICAÇÃO

Nacional

### ANO DE INÍCIO E FIM

2016 - 2019

## DADOS DE CONTACTO

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### PROPRIETÁRIO OU AUTOR

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## REFERENCES AND RESOURCES

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### WEBSITE PRINCIPAL

<http://forscope.inesctec.pt>

### WEBSITE DO PROJETO

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### REFERÊNCIA AO PROJETO

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### RECURSOS

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LOGOTIPO DA BOA PRÁTICA

LOGOTIPO DA ORGANIZAÇÃO PRINCIPAL



PROJETO NO ÂMBITO DO QUAL A FOLHA DE DIVULGAÇÃO FOI CRIADA

DATA DE ENTRADA

Rosewood 4.0

13 Ago 2021



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

