

# 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.

## PLUS DE DÉTAILS

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### DÉFI CONCERNÉ

3. Dynamiser les propriétaires forestiers et la gestion forestière coopérative

### DOMAINE

Inventaire, diagnostic, monitoring  
Récolte, infrastructure, logistique  
Industries basées sur la forêt, bioéconomie, économie circulaire

### TYPE DE SOLUTION

Plateformes de marketing

### MOTS-CLÉS

traceability; mobile app; web app

### SOLUTION DIGITALE

Oui

### INNOVATION

Oui

### PAYS D'ORIGINE

Portugal

### ECHELLE D'APPLICATION

Nationale

### DÉBUT ET FIN D'ANNÉE

2016 - 2019

## INFORMATIONS DE CONTACT

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### PROPRIÉTAIRE OU AUTEUR

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

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## REFERENCES AND RESOURCES

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### SITE WEB PRINCIPAL

<http://forscope.inesctec.pt>

### SITE WEB DU PROJET

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### RÉFÉRENCE DU PROJET

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### RESSOURCES

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LOGO DE LA BONNE PRATIQUE

LOGO DE L'ORGANISATION PRINCIPALE



PROJET SOUS LEQUEL CETTE FICHE D'INFORMATION A été CRééE

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

