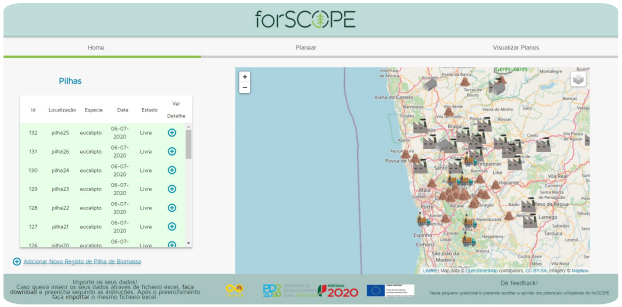
Forscope | Forest Supply Chain Optimization System



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.

MEHR DETAILS

ANGESPROCHENE HERAUSFORDERUNG

3. Aktivierung von Privateigentümern und kooperativer Waldbewirtschaftung

DOMäNE

Bestandsaufnahme, Bewertung, Überwachung

Holzernte, Infrastruktur, Logistik

Forstbasierte Industrien, Bio-/ Kreislaufwirtschaft

ART DER LöSUNG

Marketing-Plattformen

SCHLüSSELWöRTER

traceability; mobile app; web app

DIGITALE LöSUNG

Ja

INNOVATION

Ja

HERKUNFTSLAND

Portugal

UMFANG DER ANWENDUNG

National

ANFANGS- UND ENDJAHR

2016 - 2019

KONTAKTDATEN

EIGENTüMER ODER AUTOR

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REFERENCES AND RESOURCES

HAUPT-WEBSITE

http://forscope.inesctec.pt

PROJEKT-WEBSITE

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PROJEKT-REFERENZ

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RESSOURCEN

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LOGO DER BEST PRACTICE

LOGO DER HAUPTORGANISATION

PROJEKT, IN DESSEN RAHMEN DIESES FACTSHEET ERSTELLT WURDE

Rosewood 4.0

BEITRAGSDATUM

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