

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 Val. The table lists 12 rows of log data. To the right of the table is a map of a forested region with various points marked. A legend at the bottom left of the map identifies symbols for different types of resources. At the bottom of the screen, there is a footer with logos and text in Portuguese.

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.

| IZZIV | DOMENA | TIP REŠITVE |
|--|---|------------------------|
| 3. Aktivacija zasebnih lastnikov in skupno upravljanje Inventura, ocena, monitoring gozdov | Sečnja in spravilo, infrastruktura, logistika Gozdno-lesna industrija, krožno gospodarstvo | Tržne platforme |
| KLJUČNE BESEDE | DIGITALNE REŠITVE | INOVACIJA |
| traceability; mobile app; web app | Da | Da |
| IZVORNA DRŽAVA | OBSEG UPORABE | ZAČETNO IN KONČNO LETO |
| Portugalska | Nacionalni | 2016 - 2019 |

KONTAKTN
PODATKI

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REFERENCES
AND RESOURCES

| SPLETNA STRAN | VIRI |
|---|------|
| http://forscope.inesctec.pt | -- |
| SPLETNA STRAN PROJEKTA | -- |
| REFERENCA PROJEKTA | -- |

LOGOTIP DOBRE PRAKSE



LOGOTIP GLAVNE
ORGANIZACIJE



PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI

Rosewood 4.0

DATUM OBJAVE

13 Aug 2021



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

