

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 lists 12 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 different 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 of the interface features several logos and links, including 'Projeto do Fórum das Indústrias da Madeira', 'Fundo Europeu de Desenvolvimento Regional', 'Portugal 2020', and 'UE'.

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.

MER INFORMASJON

UTFORDRING ADRESSERT	DOMENE	TYPE LØSNING
3. Aktiver private eiere og samarbeidsvillighet i skogforvaltningen	Inventering, vurdering, overvåking Avvirkning, infrastruktur, logistikk Skogindustri, bio/sirkulær økonomi	Markedsføringsplattform
NØKKELORD	DIGITAL LØSNING	INNOVASJON
traceability; mobile app; web app	Ja	Ja
OPPRINELSESLAND	POTENSIALE	START OG SLUTT ÅR
Portugal	Nasjonal	2016 - 2019

KONTAKT INFORMASJON

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REFERENCES AND RESOURCES

HJEMMESIDE (HOVEDSIDE)	RESSURSER
http://forscope.inesctec.pt	--
PROSJEKTETS HJEMMESIDE	--
REFERANSE TIL PROSJEKT	--

LOGO FOR BESTE PRAKSIS



LOGO FOR
HOVEDORGANISASJON



PROSJEKT SOM DETTE FAKTAARKET ER OPPRETTET UNDER

Rosewood 4.0

INNLEGGSDATO

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY



Centro de Servicios y Promoción Forestal
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