

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 contains 14 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 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.

PIÙ DETTAGLI

SFIDA RISOLTA	DOMINIO	TIPO DI SOLUZIONE
3. privati attivare e gestione delle foreste cooperativa	Inventario, la valutazione, il monitoraggio La raccolta, le infrastrutture, la logistica industrie forestali, bio / economia circolare	piattaforme di marketing
PAROLE CHIAVE	SOLUZIONE DIGITALE	INNOVAZIONE
traceability; mobile app; web app	Sì	Sì
PAESE D'ORIGINE	SCALA DI APPLICAZIONE	INIZIO E FINE ANNO
Portogallo	Nazionale	2016 - 2019

CONTATTI

PROPRIETARIO O AUTORE	REPORTER
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REFERENCES AND RESOURCES

SITO PRINCIPALE	RISORSE
http://forscope.inesctec.pt	--
SITO WEB DEL PROGETTO	--
PROGETTO DI RIFERIMENTO	--

LOGO DELLE MIGLIORI
PRATICHE



LOGO DELLA PRINCIPALE
ORGANIZZAZIONE



PROGETTO NELL'AMBITO DEL QUALE QUESTA SCHEDA è STATA CREATA

Rosewood 4.0

DATA DI INSERIMENTO

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