

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 14 entries of logs from various locations like 'pinhão25', 'pinhão26', etc., with details such as 'excepcional', '08-07-', 'Livre', and values ranging from 1000 to 1200. To the right of the table is a map of a forest area with several points marked, representing log locations. A legend at the bottom of the map identifies symbols for 'Pilha', 'Caminho', 'Ponto de Coleta', and 'Ponto de Descarga'. Below the map is a note in Portuguese: 'Caso queira inserir novas pilhas no sistema, faça download e puxe a seção de adições. Adicione o preenchimento da imprensa e reinicie o sistema.' At the bottom of the interface are logos for 'Programa Operacional do Desenvolvimento da Região Centro 2014-2020', 'UE', and 'Portugal 2020'.

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

DéFI CONCERNé	DOMAINE	TYPE DE SOLUTION
3. Dynamiser les propriétaires forestiers et la gestion forestière coopérative	Inventaire, diagnostic, monitoring Récolte, infrastructure, logistique Industries basées sur la forêt, bioéconomie, économie circulaire	Plateformes de marketing
MOTS-CLéS	SOLUTION DIGITALE	INNOVATION
traceability; mobile app; web app	Oui	Oui
PAYS D'ORIGINE	ECHELLE D'APPLICATION	DéBUT ET FIN D'ANNéE
Portugal	Nationale	2016 - 2019

INFORMATIONS DE CONTACT

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REFERENCES AND RESOURCES

SITE WEB PRINCIPAL	RESSOURCES
http://forscope.inesctec.pt	--
SITE WEB DU PROJET	--
RéFéRENCE DU PROJET	--

LOGO DE LA BONNE
PRATIQUE



LOGO DE L'ORGANISATION
PRINCIPALE



PROJET SOUS LEQUEL CETTE FICHE D'INFORMATION A éTé CRéÉE

Rosewood 4.0

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