

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.

VEČ PODROBNOSTI

IZZIV

3. Aktivacija zasebnih lastnikov in skupno upravljanje gozdov

DOMENA

Inventura, ocena, monitoring
Sečnja in spravilo, infrastruktura, logistika
Gozdno-lesna industrija, krožno gospodarstvo

TIP REŠITVE

Tržne platforme

KLJUČNE BESEDE

traceability; mobile app; web app

DIGITALNE REŠITVE

Da

INOVACIJA

Da

IZVORNA DRŽAVA

Portugalska

OBSEG UPORABE

Nacionalni

ZAČETNO IN KONČNO LETO

2016 - 2019

KONTAKTN PODATKI

LASTNIK OZ. AVTOR

INESCTEC -Institute for systems and computer engineering, technology and science

Alexandra Marques

alexandra.marques@forestwise.pt

<https://www.forestwise.pt/>

POROČEVALEC

Instituto Superior de Agronomia (ISA)

Susana Barreiro

smb@isa.ulisboa.pt

REFERENCES AND RESOURCES

SPLETNA STRAN

<http://forscope.inesctec.pt>

SPLETNA STRAN PROJEKTA

--

REFERENCA PROJEKTA

--

VIRI

--



PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI

DATUM OBJAVE

Rosewood 4.0

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

