

Essential Operative Group



ROSEWOOD
4.0 Sustainable Wood
for Europe

Search for pilot areas, biomass sampling and extraction preparation

Extraction of essential oils and hydrolysis of biomass

Characterization of compounds present in essential oils and residual hydrolyzed biomass

In progress

(Expected results)

Development of innovative biofuels and bioproducts from forest biomass with little or no use as bushes and forest treatment residues through state-of-the-art techniques applied throughout the value chain.

To define the best management, harvesting techniques and forestry treatments for rockrose, juniper, rosemary, pine and eucalyptus. Selection of pilot action areas.

To develop a prototype of continuous extraction of essential oils using microwave technology.

Production, analysis and testing of products in the laboratory and in the field: biocides, solid biofuels (pellets) and liquid biofuels (ethanol).

DETALJI

PODRIJETLO DRVA

--

VRSTA DRVA

--

ODGOVARAJUĆA VRSTA DRVA

Shrubs

POTENCIJAL ZA POVEĆANJE UPORABE DRVA

-

POTENCIJAL ODRŽIVOSTI - VRIJEDNOST

--

UTJECAJ NA OKOLIŠ I BIORAZNOLIKOST

Good

JEDNOSTAVNOST PROVEDBE

Difficult

JEDNOSTAVNOST PROVEDBE - EVALUACIJA

--

UČINAK NA PRIHOD

Expected low

KLJUČNI PREDUVJETI

--

POTENCIJAL ISKORISTIVOSTI

--

VRSTA DOGAĐAJA NA KOJEM JE PRIKAZAN OVAJ BPI

--

SREDIŠTE

--

UČINAK NA ZAPOŠLJIVOST

Expected low

GOSPODARSKI UČINAK

Expected low

TROŠKOVI PROVEDBE (EURO - €)

--

POTREBNA POSEBNA ZNANJA

-

VIŠE DETALJA

IZAZOV	DOMENA	VRSTA RJEŠENJA
--	Upravljanje šumama, uzgoj šuma, usluge ekosustava, otpornost	--
	Drvna energetska industrija	
KLJUČNE RIJEČI	DIGITALNO RJEŠENJE	INOVACIJA
--	Ne	Da
ZEMLJA PODRIJETLA	PODRUČJE PRIMJENE	POČETAK I KRAJ GODINE
Španjolska	Nacionalna	2019 - 2021

**KONTAKT
PODATCI**

VLASNIK ILI AUTOR	IZVJESTITELJ
-------------------	--------------

jolivar@agresta.org

PROJEKT U OKVIRU KOJEG JE INFORMATIVNI LIST KREIRAN

Rosewood

DATUM UNOSA

13 ruj 2019



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

