

# 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).

PODROBNOSTI

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IZVOR LESA

--

TIP LESA

--

VRSTA OBRAVNANEGA LESA

Shrubs

POTENCIJAL ZA MOBILIZACIJO

--

TRAJNOST - VREDNOST

--

ENOSTAVNOST IZVEDBE

Difficult

VPLIV NA OKOLJE IN BIODIVERZITETO

Good

ENOSTAVNOST IZVEDBE - OCENJEVANJE

--

VPLIV NA PRIHODKE

Expected low

KLJUČNI PREDPOGOJI

--

POTENCIJAL IZKORIŠČANJA

--

VRSTA DOGODKA, NA KATEREM JE BIL PREDSTAVLJEN TA BPI

--

VOZLIŠČE

--

VPLIV NA DELOVNA MESTA

Expected low

GOSPODARSKI VPLIV

Expected low

STROŠKI IZVEDBE (EURO - €)

--

POTREBNO SPECIFIČNO ZNANJE

-

**IZZIV**

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**DOMENA**

Gojenje gozdov, gospodarjenje z gozdovi, odpornost, --  
ekosistemski storitve  
Lesna biomasa

**TIP REŠITVE**

**KLJUČNE BESEDE**

--

**DIGITALNE REŠITVE**

No

**INOVACIJA**

Da

**IZVORNA DRŽAVA**

Španija

**OBSEG UPORABE**

Nacionalni

**ZAČETNO IN KONČNO LETO**

2019 - 2021

**KONTAKTN  
PODATKI**

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**LASTNIK OZ. AVTOR**

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**POROČEVALEC**

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PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI

Rosewood

DATUM OBJAVE

13 Sep 2019

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

