Essential Operative Group



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

UTJECAJ NA OKOLIŠ I BIORAZNOLIKOST

Good

UČINAK NA PRIHOD

Expected low

POTENCIJAL ISKORISTIVOSTI

--

SREDIŠTE

--

GOSPODARSKI UČINAK

Expected low

POTREBNA POSEBNA ZNANJA

-

POTENCIJAL ZA POVEĆANJE UPORABE DRVA

-

POTENCIJAL ODRŽIVOSTI - VRIJEDNOST

--

JEDNOSTAVNOST PROVEDBE

Difficult

JEDNOSTAVNOST PROVEDBE - EVALUACIJA

--

KLJUČNI PREDUVJETI

--

VRSTA DOGAĐAJA NA KOJEM JE PRIKAZAN OVAJ BPI

--

UČINAK NA ZAPOŠLJIVOST

Expected low

TROŠKOVI PROVEDBE (EURO - €)

--

VIŠE DETALJA

IZAZOV

--

DOMENA

Upravljanje šumama, uzgoj šuma, usluge ekosustava, otpornost

Drvna energetska industrija

VRSTA RJEŠENJA

--

KLJUČNE RIJEČI

--

DIGITALNO RJEŠENJE

Ne

INOVACIJA

Da

ZEMLJA PODRIJETLA

Španjolska

PODRUČJE PRIMJENE

Nacionalna

POČETAK I KRAJ GODINE

2019 - 2021

KONTAKT PODATCI

VLASNIK ILI AUTOR

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Rosewood

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