



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).

## DETALJER

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### OPPRINNELSE FOR TRE

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### TYPE TRE

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### TYPE TRE INVOLVERT

Shrubs

### PÅVIRKNING PÅ MILJØ OG BIOLOGISK MANGFOLD

Good

### INNTEKTSEFFEKT

Expected low

### UTNYTTELSESPOTENSIAL

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### HUB

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### ØKONOMISK PÅVIRKNING

Expected low

### SPESIFIKKE KUNNSKAPSBEHOV

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### MOBILISERINGSPOTENSIAL

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### BÆREKRAFTPOTENSIAL - VERDI

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### ENKEL IMPLEMENTERING

Difficult

### ENKEL IMPLEMENTERING - EVALUERING

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### VIKTIGE FORUTSETNINGER

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### TYPE BEGIVENHET DER DENNE BPI HAR BLITT OMTALT

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### EFFEKT PÅ ARBEIDSPLASSER

Expected low

### KOSTNADER MED IMPLEMENTERING (EURO - €)

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MER  
INFORMASJON

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UTFORDRING ADRESSERT

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DOMENE

Skogforvaltning, skogskjøtsel, økosystemtjenester

TYPE LØSNING

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Industri for skogbasert bioenergi

NØKKEWORD

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DIGITAL LØSNING

Nei

INNOVASJON

Ja

OPPRINELSESLAND

Spania

POTENSIALE

Nasjonal

START OG SLUTT ÅR

2019 - 2021

KONTAKT  
INFORMASJON

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EIER ELLER FORFATTER

RAPPORTØR

[jolivar@agresta.org](mailto:jolivar@agresta.org)

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PROSJEKT SOM DETTE FAKTAARKET ER OPPRETTET UNDER

Rosewood

INNLEGGSDATO

13 sep 2019

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

