

## Project "Insense" (soil diagnosis)



Easily assess the sensitivity of forest soil to increased biomass harvesting. The owner or manager must enter soil characteristics into the digital or paper application, which indicates the sensitivity level for several mineral elements.

This tool allows more intensive forest management to be applied in areas where the risk of soil depletion is low. It is necessary to train forest owners to describe soil horizons.

This tool is complementary to the ADEME's guide "sustainable forest slash harvesting" of 2006 which indicates how to describe the soil (type of humus, soil texture, pH,...) and gives management recommendations according to the different types of sensitivity.

This application takes into account the pedoclimatic zone, humus type, pH, soil texture and prospective depth. The soil is described 25 cm deep. The result of the analysis gives 3 sensitivity levels: low, medium or high applied generally to the soil or for each mineral element (calcium, magnesium, potassium, phosphorus, nitrogen).

## DETALJI

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### PODRIJETLO DRVA

Šuma

### VRSTA DRVA

Deblo

### ODGOVARAJUĆA VRSTA DRVA

Woody biomass

### UTJECAJ NA OKOLIŠ I BIORAZNOLIKOST

Limits the impact of slash harvesting on soil fertility in sensitive areas

### UČINAK NA PRIHOD

NA

### POTENCIJAL ISKORISTIVOSTI

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### SREDIŠTE

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### GOSPODARSKI UČINAK

NA

### POTREBNA POSEBNA ZNANJA

NA

### POTENCIJAL ZA POVEĆANJE UPORABE DRVA

NA

### POTENCIJAL ODRŽIVOSTI - VRIJEDNOST

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### JEDNOSTAVNOST PROVEDBE

Difficult: a lot of climate and soil data to integrate

### JEDNOSTAVNOST PROVEDBE - EVALUACIJA

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### KLJUČNI PREDUVJETI

Association, organization of meeting days, responding to the NA

### VRSTA DOGAĐAJA NA KOJEM JE PRIKAZAN OVAJ BPI

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### UČINAK NA ZAPOŠLJIVOST

NA

### TROŠKOVI PROVEDBE (EURO - €)

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## VIŠE DETALJA

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### IZAZOV

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### DOMENA

Upravljanje šumama, uzgoj šuma, usluge  
ekosustava, otpornost  
Nepovoljni prirodni uvjeti, rizici, odgovor na  
katastrofe

### VRSTA RJEŠENJA

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### KLJUČNE RIJEČI

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### DIGITALNO RJEŠENJE

Ne

### INOVACIJA

Da

### ZEMLJA PODRIJETLA

Francuska

### PODRUČJE PRIMJENE

Nacionalna

### POČETAK I KRAJ GODINE

2018 -

## KONTAKT PODATCI

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### VLASNIK ILI AUTOR

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### IZVJESTITELJ

## REFERENCES AND RESOURCES

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### GLAVNA WEB STRANICA

[https://www.ademe.fr/insense-indicateurs-sensibilite-ecosystemes-forestiers-](https://www.ademe.fr/insense-indicateurs-sensibilite-ecosystemes-forestiers-soumis-a-recolte-accrue-biomasse)  
soumis-a-recolte-accrue-biomasse

### IZVORI

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### WEB STRANICA PROJEKTA

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### REFERENCA PROJEKTA

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PROJEKT U OKVIRU KOJEG JE INFORMATIVNI LIST KREIRAN

Rosewood

DATUM UNOSA

27 ruj 2019

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

