

## 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).

## DETALJER

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### VEDENS URSPRUNG

Skog

### TRÄTYP

Rundvirke

### TYP AV TRÄ

Woody biomass

### PÅVERKAN PÅ MILJÖ & BIOLOGISK MÅNGFALD

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

### EKONOMISK EFFEKT

NA

### KOMMERSIELL POTENTIAL

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### NAV

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### EKONOMISK PÅVERKAN

NA

### SPECIFIKA KUNSKAPSBEHOV

NA

### MOBILISERINGSPOTENTIAL

NA

### HÅLLBARHETS POTENTIAL - VÄRDE

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### ENKEL IMPLEMENTERING

Difficult: a lot of climate and soil data to integrate

### ENKEL IMPLEMENTERING - UTVÄRDERING

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### NYCKEL FÖRUTSÄTTNINGAR

Association, organization of meeting days, responding to the NA

### TYP AV EVENEMANG DÄR DENNA BPI HAR PRESENTERATS

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### EFFEKT ANTAL ANSTÄLLDA

NA

### KOSTNADER FÖR IMPLEMENTERING (EURO - €)

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## MER INFORMATION

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### UTMANING SOM ADRESSERAS

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### DOMÄN

Skogsförvaltning, skogskjötsel, ekosystemtjänster

Skogsskador, risker, katastrofberedskap

### TYPE AV LÖSNING

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### NYCKELORD

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### DIGITAL LÖSNING

Nej

### INNOVASION

Ja

### UPPHOVSLAND

Frankrike

### POTENTIAL

Nationell

### START OCH SLUTÅR

2018 -

## KONTAKT INFORMASION

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### ÄGARE ELLER FÖRFATTARE

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### RAPPORTÖR

## REFERENCES AND RESOURCES

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### HEMSIDA (HUVUDSIDA)

<https://www.ademe.fr/insense-indicateurs-sensibilite-ecosystemes-forestiers-soumis-a-recolte-accrue-biomasse>

### PROJEKTETS HEMSIDA

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### PROJEKTREFERENS

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### RESURSER

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PROJEKT SOM DETTA FACTSHEET SKAPATS INOM

Rosewood

DATUM FÖR INLÄGG

27 sep 2019

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY



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