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

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 ares

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

--

ENKEL IMPLEMENTERING

Difficult: a lot of climate and soil data to integrate

ENKEL IMPLEMENTERING - UTVäRDERING

--

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

UTMANING SOM ADRESSERAS

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DOMäN

Skogsförvaltning, skogskjötsel, ekosystemtjänster

Skogsskador, risker, katastrofberedskap

TYPE AV LöSNING

--

NYCKELORD

--

DIGITAL LöSNING

Nej

INNOVASION

Ja

UPPHOVSLAND

Frankrike

POTENTIAL

Nationell

START OCH SLUTåR

2018 -

KONTAKT INFORMASION

ÄGARE ELLER FöRFATTARE

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RAPPORTöR

REFERENCES AND RESOURCES

HEMSIDA (HUVUDSIDA)

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

RESURSER

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PROJEKTETS HEMSIDA

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PROJEKTREFERENS

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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