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

OPPRINNELSE FOR TRE

Skog

TYPE TRE

Tre fra rundtvirke

TYPE TRE INVOLVERT

Woody biomass

PåVIRKNING På MILJø OG BIOLOGISK MANGFOLD

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

INNTEKTSEFFEKT

NA

UTNYTTELSESPOTENSIAL

--

HUB

--

ØKONOMISK PåVIRKNING

NA

SPESIFIKKE KUNNSKAPSBEHOV

NA

MOBILISERINGSPOTENSIAL

NA

BæREKRAFTPOTENSIAL - VERDI

--

ENKEL IMPLEMENTERING

Difficult: a lot of climate and soil data to integrate

ENKEL IMPLEMENTERING - EVALUERING

--

VIKTIGE FORUTSETNINGER

Association, organization of meeting days, responding to the NA

TYPE BEGIVENHET DER DENNE BPI HAR BLITT OMTALT

--

EFFEKT På ARBEIDSPLASSER

NA

KOSTNADER MED IMPLEMENTERING (EURO - €)

--

MER INFORMASJON

UTFORDRING ADRESSERT

--

DOMENE

Skogforvaltning, skogskjøtsel, økosystemtjenester

Skogskader, risiko, katastrofeberedskap

TYPE LØSNING

--

NØKKELORD

--

DIGITAL LØSNING

Nei

INNOVASJON

Ja

OPPRINELSESLAND

Frankrike

POTENSIALE

Nasjonal

START OG SLUTT åR

2018 -

KONTAKT INFORMASJON

EIER ELLER FORFATTER

Laurent.augusto@inra.fr

RAPPORTØR

REFERENCES AND RESOURCES

HJEMMESIDE (HOVEDSIDE)

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

RESSURSER

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PROSJEKTETS HJEMMESIDE

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REFERANSE TIL PROSJEKT

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PROSJEKT SOM DETTE FAKTAARKET ER OPPRETTET UNDER

Rosewood

INNLEGGSDATO

27 sep 2019

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