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).

DETAILS

HERKUNFT DES HOLZES

Wald

ART DES HOLZES

Stammholz

ART DES BETROFFENEN HOLZES

Woody biomass

AUSWIRKUNGEN AUF UMWELT UND BIODIVERSITäT

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

EINKOMMENSEFFEKT

NA

VERWERTUNGSPOTENZIAL

--

NABE

--

WIRTSCHAFTLICHE AUSWIRKUNGEN

NA

SPEZIFISCHES WISSEN ERFORDERLICH

NA

MOBILISIERUNGSPOTENZIAL

NA

POTENZIAL FüR NACHHALTIGKEIT - WERT

--

LEICHTE IMPLEMENTIERUNG

Difficult: a lot of climate and soil data to integrate

LEICHTE IMPLEMENTIERUNG - BEWERTUNG

--

WICHTIGE VORAUSSETZUNGEN

Association, organization of meeting days, responding to the NA

ART DER VERANSTALTUNG, AUF DER DIESE BPI VORGESTELLT WURDE

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ARBEITSPLATZEFFEKT

NA

KOSTEN DER IMPLEMENTIERUNG (EURO - €)

--

MEHR DETAILS

ANGESPROCHENE HERAUSFORDERUNG

--

DOMäNE

Waldmanagement, Waldbau, Ökosystemleistungen, Resilienz

Waldstörungen, Risiken, Katastrophenschutz

ART DER LöSUNG

--

SCHLüSSELWöRTER

--

DIGITALE LöSUNG

Nein

INNOVATION

Ja

HERKUNFTSLAND

Frankreich

UMFANG DER ANWENDUNG

National

ANFANGS- UND ENDJAHR

2018 -

KONTAKTDATEN

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REPORTER

REFERENCES AND RESOURCES

HAUPT-WEBSITE

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

RESSOURCEN

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PROJEKT-WEBSITE

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PROJEKT-REFERENZ

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PROJEKT, IN DESSEN RAHMEN DIESES FACTSHEET ERSTELLT WURDE

Rosewood

BEITRAGSDATUM

27 Sep 2019

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY