

Project “Insense” (soil diagnosis)



ROSEWOOD
4.0 Sustainable Wood
for Europe

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	MOBILISIERUNGSPOTENZIAL
Wald	NA
ART DES HOLZES	POTENZIAL FÜR NACHHALTIGKEIT - WERT
Stammholz	--
ART DES BETROFFENEN HOLZES	LEICHTE IMPLEMENTIERUNG
Woody biomass	Difficult: a lot of climate and soil data to integrate
AUSWIRKUNGEN AUF UMWELT UND BIODIVERSITÄT	LEICHTE IMPLEMENTIERUNG - BEWERTUNG
Limits the impact of slash harvesting on soil fertility in sensitive areas	--
EINKOMMENSEFFEKT	WICHTIGE VORAUSSETZUNGEN
NA	Association, organization of meeting days, responding to the NA
VERWERTUNGSPOTENZIAL	ART DER VERANSTALTUNG, AUF DER DIESE BPI VORGESTELLT WURDE
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NABE	ARBEITSPLATZEFFEKT
--	NA
WIRTSCHAFTLICHE AUSWIRKUNGEN	KOSTEN DER IMPLEMENTIERUNG (EURO - €)
NA	--
SPEZIFISCHES WISSEN ERFORDERLICH	
NA	

MEHR DETAILS

ANGESPROCHENE HERAUSFORDERUNG	DOMÄNE	ART DER LÖSUNG
--	Waldmanagement, Waldbau, Ökosystemleistungen, -- Resilienz Waldstörungen, Risiken, Katastrophenschutz	--
SCHLÜSSELWÖRTER	DIGITALE LÖSUNG	INNOVATION
--	Nein	Ja
HERKUNFTSLAND	UMFANG DER ANWENDUNG	ANFANGS- UND ENDJAHR
Frankreich	National	2018 -

KONTAKTDATEN

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REFERENCES AND RESOURCES

HAUPT-WEBSITE	RESSOURCEN
https://www.ademe.fr/insense-indicateurs-sensibilite-ecosystemes-forestiers--soumis-a-recolte-accrue-biomasse	--
PROJEKT-WEBSITE	
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PROJEKT-REFERENZ	
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PROJEKT, IN DESSEN RAHMEN DIESES FACTSHEET ERSTELLT WURDE

Rosewood

BEITRAGSDATUM

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY



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