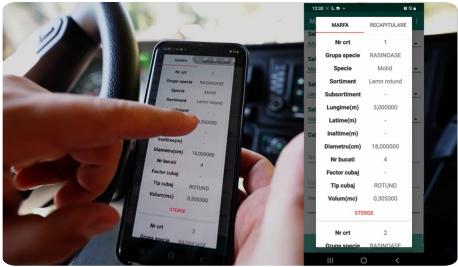


SUMAL 2.0 | Digital Wood Tracking



InspectorulPadurii.ro is initiated by Ministry of Environment, Waters and Forests together with the Government of Romania with the aim to make transparent the wood harvesting activity, transport of wood in entire Romania.

The online portal is an automatic method for identifying illegally cut timber transports from Romania. The users are able to observe alerts from satellites indicating information and once every few days (between 2 and 7 days depending on the satellite) any change in the aerial image associated with the forest vegetation in Romania. The portal also accesses the SUMAL database of the Ministry of Water and Forests in real time. From this database, information is extracted to be processed in the internal system, about the enhancement documents on wood harvests, the locations from where the timber transports are loaded and the information related to these points. The permits on wood harvest became digitalized, therefore all harvesting activity can be checked by satellite monitoring while the transports must obtain a unique code before leaving the place of loading. This code is only obtained after the transport information has been entered into the system, including the location where the code was requested.

The portal, through further developments, also contains an API (set learned of rules), which allows automatic access to all information publicly presented on this portal (layers, transport coordinates and related metadata, enhancement documents, etc.), so that other interested actors can make analyzes that will lead to stopping illegal logging.

DETAILS

HERKUNFT DES HOLZES

Wald

ART DES HOLZES

Stammholz

MOBILISIERUNGSPOTENZIAL

11000000 m³/y

ART DES BETROFFENEN HOLZES

logwood, primer material

LEICHTE IMPLEMENTIERUNG

difficult

AUSWIRKUNGEN AUF UMWELT UND BIODIVERSITÄT

protection

LEICHTE IMPLEMENTIERUNG - BEWERTUNG

Schwierig

EINKOMMENSEFFEKT

minor impact

WICHTIGE VORAUSSETZUNGEN

political decision

VERWERTUNGSPOTENZIAL

high

ART DER VERANSTALTUNG, AUF DER DIESE BPI VORGESTELLT WURDE

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NABE

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ARBEITSPLATZEFFEKT

minor impact

WIRTSCHAFTLICHE AUSWIRKUNGEN

Transparancy

KOSTEN DER IMPLEMENTIERUNG (EURO - €)

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SPEZIFISCHES WISSEN ERFORDERLICH

Digitalization

MEHR DETAILS

ANGESPROCHENE HERAUSFORDERUNG	DOMÄNE	ART DER LÖSUNG
5. Verbesserung der wirtschaftlichen und ökologischen Leistung der forstwirtschaftlichen Forstlieferketten	Bestandsaufnahme, Bewertung, Überwachung Waldmanagement, Waldbau, Ökosystemleistungen, Resilienz Holzernte, Infrastruktur, Logistik	Rückverfolgbarkeitstools
SCHLÜSSELWÖRTER	DIGITALE LÖSUNG	INNOVATION
timber tracking; traceability	Ja	Ja
HERKUNFTSLAND	UMFANG DER ANWENDUNG	ANFANGS- UND ENDJAHR
--	National	2021 -

KONTAKTDATEN

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REFERENCES AND RESOURCES

HAUPT-WEBSITE	RESSOURCEN
https://www.mmediu.ro	
PROJEKT-WEBSITE	--
PROJEKT-REFERENZ	--
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LOGO DER BEST PRACTICE



LOGO DER HAUPTORGANISATION

PROJEKT, IN DESSEN RAHMEN DIESES FACTSHEET ERSTELLT WURDE

Rosewood 4.0

BEITRAGSDATUM

12 Aug. 2021



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

