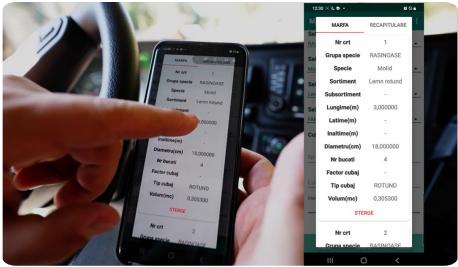


SUMAL 2.0 | Digital Wood Tracking



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.

DETALII

SURSA DE LEMN

Pădure

TIPUL DE LEMN

Lemn masiv

POTENȚIALUL DE MOBILIZARE11000000 m³/y**TIPUL DE LEMN ÎN CAUZĂ**

logwood, primer material

POTENȚIAL DE SUSTENABILITATE - VALOARE

Foarte pozitiv

IMPACTUL ASUPRA MEDIULUI și BIODIVERSITĂȚII

protection

FACILITATEA DE IMPLEMENTARE

difficult

EFFECT ASUPRA VENITURILOR

minor impact

FACILITATEA DE IMPLEMENTARE - EVALUARE

Dificil

POTENȚIAL DE EXPLOATARE

high

CONDIȚII CHEIE PREALABILE

political decision

TIPUL DE EVENIMENT LA CARE A FOST PREZENTAT ACEST IPB

--

HUB

--

EFFECT ASUPRA LOCURILOR DE MUNCĂ

minor impact

IMPACT ECONOMIC

Transparancy

COSTURI PENTRU IMPLEMENTARE (EURO - €)

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CUNOȘTINȚE SPECIFICE NECESARE

Digitalization

**MAI MULTE
DETALII**

PROVOCARE ABORDATĂ	DOMAIN	TIP DE SOLUȚIE
5. Îmbunătățirea performanțelor economice și de mediu Inventariere, evaluare, monitorizare ale lanțurilor de aprovizionare cu păduri	Managementul pădurilor, silvicultura, servicii ecosistemice, reziliență Recoltare, infrastructură, logistică	Instrumente de trasabilitate
CUVINTE CHEIE	SOLUȚIE DIGITALĂ	INOVAȚIE
timber tracking; traceability	Da	Da
ȚARA DE ORIGINE	SCARA DE APLICARE	ANUL DE ÎNCEPUT și DE SFÂRȘIT
--	Național	2021 -

**DATE DE
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**REFERENCES
AND RESOURCES**

PAGINĂ WEB	RESURSE
https://www.mmediu.ro	--
WEBSITE PROJECT	
--	
REFERINȚĂ PROIECT	
--	



PROIECTUL ÎN CADRUL CĂRUIA A FOST CREATă ACEASTă FIșă INFORMATIVă

Rosewood 4.0

DATA POSTĂRII

12 Aug 2021



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

