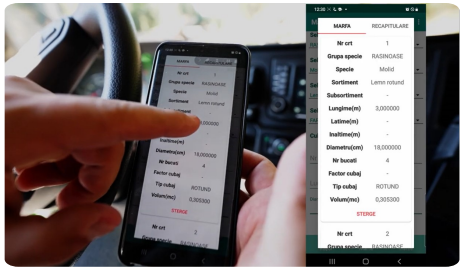
SUMAL 2.0 | Digital Wood Tracking



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

ART DES BETROFFENEN HOLZES
logwood, primer material

AUSWIRKUNGEN AUF UMWELT UND BIODIVERSITäT
protection

EINKOMMENSEFFEKT
minor impact

VERWERTUNGSPOTENZIAL
high

NABE
--

WIRTSCHAFTLICHE AUSWIRKUNGEN
Transparancy

SPEZIFISCHES WISSEN ERFORDERLICH
Digitalization

MOBILISIERUNGSPOTENZIAL
11000000 m3/y

POTENZIAL FüR NACHHALTIGKEIT - WERT
Sehr positiv

LEICHTE IMPLEMENTIERUNG
difficult

LEICHTE IMPLEMENTIERUNG - BEWERTUNG
Schwierig

WICHTIGE VORAUSSETZUNGEN
political decision

ART DER VERANSTALTUNG, AUF DER DIESE BPI VORGESTELLT WURDE
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ARBEITSPLATZEFFEKT
minor impact

KOSTEN DER IMPLEMENTIERUNG (EURO - €)
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MEHR DETAILS

ANGESPROCHENE HERAUSFORDERUNG

5. Verbesserung der wirtschaftlichen und ökologischen Leistung der forstwirtschaftlichen Forstlieferketten

DOMäNE

Bestandsaufnahme, Bewertung, Überwachung

Waldmanagement, Waldbau, Ökosystemleistungen, Resilienz

Holzernte, Infrastruktur, Logistik

ART DER LöSUNG

Rückverfolgbarkeitstools

SCHLüSSELWöRTER

timber tracking; traceability

DIGITALE LöSUNG

Ja

INNOVATION

Ja

HERKUNFTSLAND

--

UMFANG DER ANWENDUNG

National

ANFANGS- UND ENDJAHR

2021 -

KONTAKTDATEN

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REFERENCES AND RESOURCES

HAUPT-WEBSITE

https://www.mmediu.ro

PROJEKT-WEBSITE

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PROJEKT-REFERENZ

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RESSOURCEN

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LOGO DER BEST PRACTICE

LOGO DER HAUPTORGANISATION

PROJEKT, IN DESSEN RAHMEN DIESES FACTSHEET ERSTELLT WURDE

Rosewood 4.0

BEITRAGSDATUM

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Link to Rosewood 4.0

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY