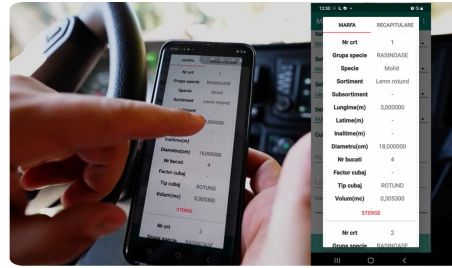


SUMAL 2.0 | Digital Wood Tracking



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

Transparency

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

--

ARBEITSPLATZEFFEKT

minor impact

KOSTEN DER IMPLEMENTIERUNG (EURO - €)

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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 | |
| -- | |

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

