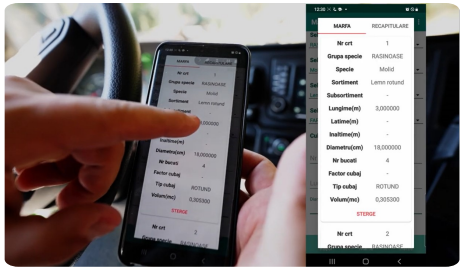
SUMAL 2.0 | Digital Wood Tracking



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.

DETALJER

OPPRINNELSE FOR TRE

Skog

TYPE TRE

Tre fra rundtvirke

TYPE TRE INVOLVERT

logwood, primer material

PåVIRKNING På MILJø OG BIOLOGISK MANGFOLD

protection

INNTEKTSEFFEKT

minor impact

UTNYTTELSESPOTENSIAL

high

HUB

--

ØKONOMISK PåVIRKNING

Transparancy

SPESIFIKKE KUNNSKAPSBEHOV

Digitalization

MOBILISERINGSPOTENSIAL

11000000 m3/y

BæREKRAFTPOTENSIAL - VERDI

Veldig positivt

ENKEL IMPLEMENTERING

difficult

ENKEL IMPLEMENTERING - EVALUERING

Vanskelig

VIKTIGE FORUTSETNINGER

political decision

TYPE BEGIVENHET DER DENNE BPI HAR BLITT OMTALT

--

EFFEKT På ARBEIDSPLASSER

minor impact

KOSTNADER MED IMPLEMENTERING (EURO - €)

--

MER INFORMASJON

UTFORDRING ADRESSERT

5. Forbedre den økonomiske og miljømessige ytelsen i skogbrukets forsynings kjede

DOMENE

Inventering, vurdering, overvåking

Skogforvaltning, skogskjøtsel, økosystemtjenester

Avvirkning, infrastruktur, logistikk

TYPE LøSNING

Verktøy for sporing

NøKKELORD

timber tracking; traceability

DIGITAL LøSNING

Ja

INNOVASJON

Ja

OPPRINELSESLAND

--

POTENSIALE

Nasjonal

START OG SLUTT åR

2021 -

KONTAKT INFORMASJON

EIER ELLER FORFATTER

www.mmediu.ro

Tanczos Barna, Ministry of Environment, Water and Forests

solicitari544@mmediu.ro

www.mmediu.ro

RAPPORTøR

ProWood

Kadar Rezso

prowoodcluster@gmail.com

REFERENCES AND RESOURCES

HJEMMESIDE (HOVEDSIDE)

https://www.mmediu.ro

PROSJEKTETS HJEMMESIDE

--

REFERANSE TIL PROSJEKT

--

RESSURSER

--

LOGO FOR BESTE PRAKSIS



LOGO FOR HOVEDORGANISASJON

PROSJEKT SOM DETTE FAKTAARKET ER OPPRETTET UNDER

Rosewood 4.0

INNLEGGSDATO

12 aug 2021

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 862681

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY