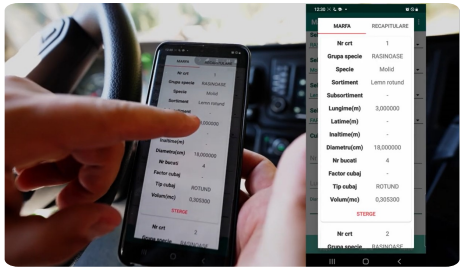
SUMAL 2.0 | Digital Wood Tracking



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

VEDENS URSPRUNG
Skog

TRäTYP
Rundvirke

TYP AV TRä
logwood, primer material

PåVERKAN På MILJö & BIOLOGISK MåNGFALD
protection

EKONOMISK EFFEKT
minor impact

KOMMERSIELL POTENTIAL
high

NAV
--

EKONOMISK PåVERKAN
Transparancy

SPECIFIKA KUNSKAPSBEHOV
Digitalization

MOBILISERINGSPOTENTIAL
11000000 m3/y

HåLLBARHETS POTENTIAL - VäRDE
Mycket positiv

ENKEL IMPLEMENTERING
difficult

ENKEL IMPLEMENTERING - UTVäRDERING
Svårt

NYCKEL FöRUTSäTTNINGAR
political decision

TYP AV EVENEMANG DäR DENNA BPI HAR PRESENTERATS
--

EFFEKT ANTAL ANSTäLLDA
minor impact

KOSTNADER FöR IMPLEMENTERING (EURO - €)
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MER INFORMATION

UTMANING SOM ADRESSERAS

5. Förbättra ekonomisk och miljömässig prestanda för skogsförsörjningskedjor

DOMäN

Inventering, värdering, övervakning

Skogsförvaltning, skogskjötsel, ekosystemtjänster

Avverkning, infrastruktur, logistik

TYPE AV LöSNING

Spårningsverktyg

NYCKELORD

timber tracking; traceability

DIGITAL LöSNING

Ja

INNOVASION

Ja

UPPHOVSLAND

--

POTENTIAL

Nationell

START OCH SLUTåR

2021 -

KONTAKT INFORMASION

ÄGARE ELLER FöRFATTARE

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RAPPORTöR

ProWood

Kadar Rezso

prowoodcluster@gmail.com

REFERENCES AND RESOURCES

HEMSIDA (HUVUDSIDA)

https://www.mmediu.ro

PROJEKTETS HEMSIDA

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PROJEKTREFERENS

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RESURSER

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LOGO FöR BEST PRACTICE

LOGO, HUVUDORGANISATION

PROJEKT SOM DETTA FACTSHEET SKAPATS INOM

Rosewood 4.0

DATUM FöR INLäGG

12 aug 2021

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Link to Rosewood 4.0

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY