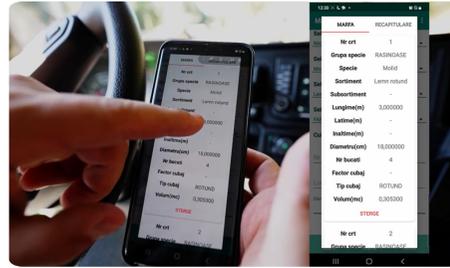# SUMAL 2.0 | Digital Wood Tracking

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.

PODROBNOSTI

PôVOD DREVA

Les

DRUH DREVA

Kmeňové drevo

UVAžOVANý DRUH DREVA

logwood, primer material

VPLYV NA žIVOTNé PROSTREDIE A BIODIVERZITU

protection

DOPAD NA PRíJMY

minor impact

POTENCIáL VYUžITIA

high

ROZBOčOVAč

--

EKONOMICKý VPLYV

Transparancy

POTREBA šPECIFICKýCH ZNALOSTí

Digitalization

MOBILZAčNý POTENCIáL

11000000 m3/y

POTENCIáL UDRžATEľNOSTI - HODNOTA

Veľmi pozitívne

UľAHčENIE IMPLMENTáCIE

difficult

UľAHčENIE IMPLMENTáCIE - HODNOTENIE

Ťažké

KľúčOVé PREPOKLADY

political decision

TYP PODUJATIA, NA KTOROM BOL TENTO BPI PREZENTOVANý

--

DOPAD NA ZAMESTNANOSť

minor impact

NáKLADY NA IMPLEMENTáCIU (EURO - €)

--

VIAC INFORMáCIí

RIEšENá VýZVA
5. Zlepšenie hospodárskej a environmentálnej
výkonnosti dodávateľských reťazcov v lesníctve

DOMAIN
Inventarizácia, posudzovanie, monitoring/monitorovanie
Lesné hospodárstvo/hospodárska úprava lesa,
pestovanie lesa, ekosystémové služby, odolonosť
Ťažba, infraštruktúra, logistika

TYP RIEŠENIA
Nástroje na vysledovateľnosť

KĽúčOVé SLOVá
timber tracking; traceability

DIGITALNE RIEŠENIE
áno

INOVáCIE
Áno

KRAJINA PôVODU
--

ROZSAH APLIKáCIE
Národný

ZAčIATOK A KONIEC ROKA
2021 -

KONTAKTNé ùDAJE

VLASTNíK ALEBO AUTOR
www.mmediu.ro
Tanczos Barna, Ministry of Environment, Water and Forests
solicitari544@mmediu.ro
www.mmediu.ro

REPORTéR
ProWood
Kadar Rezso
prowoodcluster@gmail.com

REFERENCES AND RESOURCES

HLAVNá WEBSTRáNKA
https://www.mmediu.ro

PROJEKTOVá WEBSTRáNKA
--

REFERENCIA PROJEKTU
--

ZDROJE
--

PROJEKT, V RáMCI KTORéHO BOL TENTO INFORMAčNý PREHľAD VYTVORENý

Rosewood 4.0

DáTUM ODOSLANIA

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