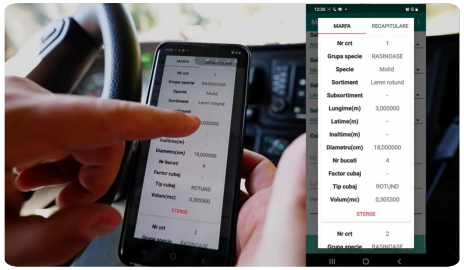
SUMAL 2.0 | Digital Wood Tracking



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.

DéTAILS

ORIGINE DU BOIS
Forêt

TYPE DE BOIS
Grume

TYPE DE BOIS CONCERNé
logwood, primer material

IMPACT SUR L'ENVIRONNEMENT ET LA BIODIVERSITé
protection

EFFET SUR LE REVENU
minor impact

POTENTIEL D'EXPLOITATION
high

HUB
--

IMPACT éCONOMIQUE
Transparancy

CONNAISSANCES SPéCIFIQUES REQUISES
Digitalization

POTENTIEL DE MOBILISATION
11000000 m3/y

POTENTIEL DE DURABILITé - VALEUR
Très positif

FACILITé D'IMPLéMENTATION
difficult

FACILITé D'IMPLéMENTATION - ÉVALUATION
Difficile

PRéREQUIS CLéS
political decision

TYPE D'éVéNEMENT Où CETTE ICPE A éTé PRéSENTéE
--

EFFET SUR L'EMPLOI
minor impact

COûTS D'IMPLéMENTATION (EURO - €)
--

PLUS DE DéTAILS

DéFI CONCERNé

5. Accroître les performances économiques et environnementales de la chaîne logistique forestière

DOMAINE

Inventaire, diagnostic, monitoring
Getsion forestière, sylviculture, services écosystémiques, résilience
Récolte, infrastructure, logistique

TYPE DE SOLUTION

Outils de traçabilité

MOTS-CLéS

timber tracking; traceability

SOLUTION DIGITALE

Oui

INNOVATION

Oui

PAYS D'ORIGINE

--

ECHELLE D'APPLICATION

Nationale

DéBUT ET FIN D'ANNéE

2021 -

INFORMATIONS DE CONTACT

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REFERENCES AND RESOURCES

SITE WEB PRINCIPAL

https://www.mmediu.ro

SITE WEB DU PROJET

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RéFéRENCE DU PROJET

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RESSOURCES

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LOGO DE LA BONNE PRATIQUE

LOGO DE L'ORGANISATION PRINCIPALE

PROJET SOUS LEQUEL CETTE FICHE D'INFORMATION A éTé CRééE

Rosewood 4.0

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY