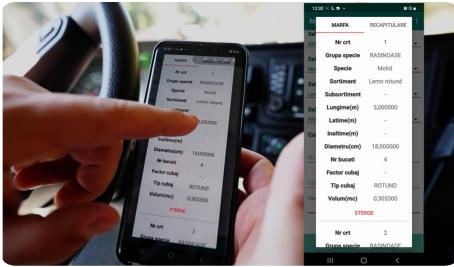


SUMAL 2.0 | Digital Wood Tracking



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

POTENTIEL DE MOBILISATION

11000000 m³/y

TYPE DE BOIS CONCERNÉ

logwood, primer material

POTENTIEL DE DURABILITé - VALEUR

Très positif

IMPACT SUR L'ENVIRONNEMENT ET LA BIODIVERSITé

protection

FACILITé D'IMPLéMENTATION

difficult

EFFET SUR LE REVENU

minor impact

FACILITé D'IMPLéMENTATION - ÉVALUATION

Difficile

POTENTIEL D'EXPLOITATION

high

PRéREQUIS CLéS

political decision

HUB

--

EFFET SUR L'EMPLOI

minor impact

IMPACT éCONOMIQUE

Transparancy

COÛTS D'IMPLéMENTATION (EURO - €)

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CONNAISSANCES SPéCIFIQUES REQUISES

Digitalization

PLUS DE DÉTAILS

DÉFI CONCERNÉ	DOMAINE	TYPE DE SOLUTION
5. Accroître les performances économiques et environnementales de la chaîne logistique forestière	Inventaire, diagnostic, monitoring Gestion forestière, sylviculture, services écosystémiques, résilience Récolte, infrastructure, logistique	Outils de traçabilité
MOTS-CLÉS	SOLUTION DIGITALE	INNOVATION
timber tracking; traceability	Oui	Oui
PAYS D'ORIGINE	ÉCHELLE D'APPLICATION	DÉBUT ET FIN D'ANNÉE
--	Nationale	2021 -

INFORMATIONS DE CONTACT

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REFERENCES AND RESOURCES

SITE WEB PRINCIPAL
<https://www.mmediu.ro>
SITE WEB DU PROJET
--
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



□