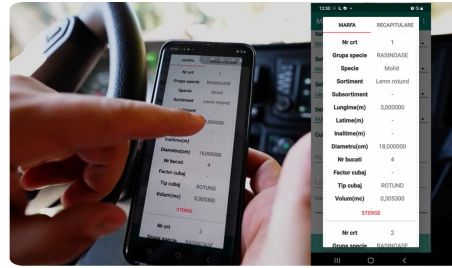


SUMAL 2.0 | Digital Wood Tracking



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

Transparency

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 - €)

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PLUS DE DÉTAILS

DÉFI CONCERNÉ

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

MOTS-CLÉS

timber tracking; traceability

PAYS D'ORIGINE

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DOMAINE

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

SOLUTION DIGITALE

Oui

ECHELLE D'APPLICATION

Nationale

TYPE DE SOLUTION

Outils de traçabilité

INNOVATION

Oui

DÉBUT ET FIN D'ANNÉE

2021 -

INFORMATIONS DE CONTACT

PROPRIÉTAIRE OU AUTEUR

www.mmediu.ro

Tanczos Barna, Ministry of Environment, Water and Forests

solicitari544@mmediu.ro

www.mmediu.ro

RAPPORTEUR

ProWood

Kadar Rezso

prowoodcluster@gmail.com

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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PROJET SOUS LEQUEL CETTE FICHE D'INFORMATION A ÉTÉ CRÉÉE

Rosewood 4.0

DATE DE PUBLICATION

12 août 2021



Link to Rosewood 4.0



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

