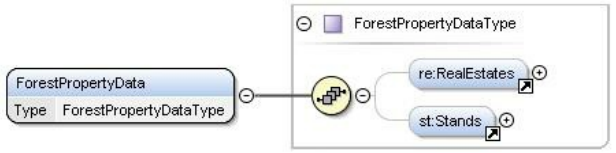
Forest Information Standard



Forest information is standardized so that actors engaged in the forest sector could develop and use harmonized information systems. Although basic concepts and measurement units have been defined for decades, almost every actor has implemented them differently in their information systems. Converting and transferring information is difficult or almost impossible between systems. Forest information standards facilitate the use of open materials and data transfer between actors. This improves operational efficiency and international competitiveness of forest sector.

The development of information exchange interfaces is not finished. The goal is a situation where all forest industry systems would read, write and send via a forest information standard.

Standard defines the structure, data types and codes used in different schemes. Forest information standards are based on XML-format (geometry: GML). Data to be exchanged with standards is: special feature data, forest compartment data, forest use declaration, timber trade, harvesting and operations. The projects outcome is: documentation, schemas, guidelines, practises. The outcome will be written XML files which are transferred between different systems. XML is used as it is international data standard, a method to structure electronic documents. XML-documents (=files) are readable and alloes to import data into all systems capable of reading such documents. The structure of XML-documents can be validated automatically so it follows its definitions (=schema).

DéTAILS

ORIGINE DU BOIS

Forêt

TYPE DE BOIS

Grume

TYPE DE BOIS CONCERNé

Stemwood

IMPACT SUR L'ENVIRONNEMENT ET LA BIODIVERSITé

Positive

EFFET SUR LE REVENU

Positive

POTENTIEL D'EXPLOITATION

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HUB

Pôle Nord

IMPACT éCONOMIQUE

High with fully digitalization

CONNAISSANCES SPéCIFIQUES REQUISES

High, complex approach- Introduction to XML schemes

POTENTIEL DE MOBILISATION

1 m³/ha

POTENTIEL DE DURABILITé - VALEUR

--

FACILITé D'IMPLéMENTATION

Medium

FACILITé D'IMPLéMENTATION - ÉVALUATION

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PRéREQUIS CLéS

Involve all relevant stakeholders in the development

TYPE D'éVéNEMENT Où CETTE ICPE A éTé PRéSENTéE

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EFFET SUR L'EMPLOI

Better qualified staff / better operations and transport

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

DOMAINE

Industries basées sur la forêt, bioéconomie, économie circulaire

TYPE DE SOLUTION

Standards de données

MOTS-CLéS

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SOLUTION DIGITALE

Oui

INNOVATION

Oui

PAYS D'ORIGINE

Finlande

ECHELLE D'APPLICATION

Nationale

DéBUT ET FIN D'ANNéE

2008 -

INFORMATIONS DE CONTACT

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RAPPORTEUR

REFERENCES AND RESOURCES

SITE WEB PRINCIPAL

https://www.metsakeskus.fi/en/open-forest-and-nature-information/forest-information-standards

RESSOURCES

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SITE WEB DU PROJET

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RéFéRENCE DU PROJET

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PROJET SOUS LEQUEL CETTE FICHE D'INFORMATION A éTé CRééE

Rosewood

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