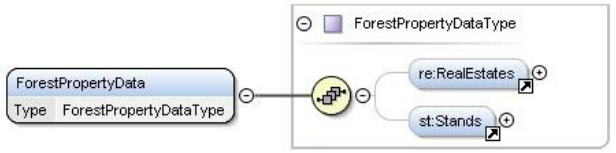
Forest Information Standard



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).

DETAILS

HERKUNFT DES HOLZES

Wald

ART DES HOLZES

Stammholz

ART DES BETROFFENEN HOLZES

Stemwood

AUSWIRKUNGEN AUF UMWELT UND BIODIVERSITäT

Positive

EINKOMMENSEFFEKT

Positive

VERWERTUNGSPOTENZIAL

--

NABE

Nördliches Drehkreuz

WIRTSCHAFTLICHE AUSWIRKUNGEN

High with fully digitalization

SPEZIFISCHES WISSEN ERFORDERLICH

High, complex approach- Introduction to XML schemes

MOBILISIERUNGSPOTENZIAL

1 m³/ha

POTENZIAL FüR NACHHALTIGKEIT - WERT

--

LEICHTE IMPLEMENTIERUNG

Medium

LEICHTE IMPLEMENTIERUNG - BEWERTUNG

--

WICHTIGE VORAUSSETZUNGEN

Involve all relevant stakeholders in the development

ART DER VERANSTALTUNG, AUF DER DIESE BPI VORGESTELLT WURDE

--

ARBEITSPLATZEFFEKT

Better qualified staff / better operations and transport

KOSTEN DER IMPLEMENTIERUNG (EURO - €)

--

MEHR DETAILS

ANGESPROCHENE HERAUSFORDERUNG

5. Verbesserung der wirtschaftlichen und ökologischen Leistung der forstwirtschaftlichen Forstlieferketten

DOMäNE

Forstbasierte Industrien, Bio-/ Kreislaufwirtschaft

ART DER LöSUNG

Daten-Standards

SCHLüSSELWöRTER

--

DIGITALE LöSUNG

Ja

INNOVATION

Ja

HERKUNFTSLAND

Finnland

UMFANG DER ANWENDUNG

National

ANFANGS- UND ENDJAHR

2008 -

KONTAKTDATEN

EIGENTüMER ODER AUTOR

Finnish Forest Centre

Heikki Eronen

heikki.eronen@metsakeskus.fi

https://www.metsakeskus.fi/en

REPORTER

REFERENCES AND RESOURCES

HAUPT-WEBSITE

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

RESSOURCEN

--

PROJEKT-WEBSITE

--

PROJEKT-REFERENZ

--

PROJEKT, IN DESSEN RAHMEN DIESES FACTSHEET ERSTELLT WURDE

Rosewood

BEITRAGSDATUM

18 Nov. 2019

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