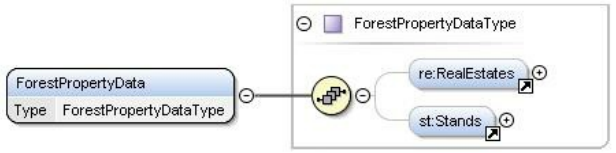
Forest Information Standard



Forest information is standardised so that actors engaged in the forest sector could develop and use harmonised 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 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). The information standard is already used by metsään.fi, puumarkkinat.fi, kuutio.fi (will be used), organizations such as Tornator, Stora Enso, UPM, Metsä Group.

DETAILS

HERKUNFT DES HOLZES

Wald

ART DES HOLZES

Stammholz

ART DES BETROFFENEN HOLZES

Stemwood

AUSWIRKUNGEN AUF UMWELT UND BIODIVERSITäT

Positive

EINKOMMENSEFFEKT

Positive

VERWERTUNGSPOTENZIAL

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NABE

--

WIRTSCHAFTLICHE AUSWIRKUNGEN

Fast and effective info transfer

SPEZIFISCHES WISSEN ERFORDERLICH

Introduction to XML schemes

MOBILISIERUNGSPOTENZIAL

Not possible to assess

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

Positive

KOSTEN DER IMPLEMENTIERUNG (EURO - €)

--

MEHR DETAILS

ANGESPROCHENE HERAUSFORDERUNG

--

DOMäNE

ART DER LöSUNG

--

SCHLüSSELWöRTER

--

DIGITALE LöSUNG

Nein

INNOVATION

Ja

HERKUNFTSLAND

--

UMFANG DER ANWENDUNG

--

ANFANGS- UND ENDJAHR

2008 -

KONTAKTDATEN

EIGENTüMER ODER AUTOR

REPORTER

info@bitcomp.fi

REFERENCES AND RESOURCES

HAUPT-WEBSITE

https://bitcomp.com/bitcomp-finland/

RESSOURCEN

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PROJEKT-WEBSITE

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PROJEKT-REFERENZ

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PROJEKT, IN DESSEN RAHMEN DIESES FACTSHEET ERSTELLT WURDE

Rosewood

BEITRAGSDATUM

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