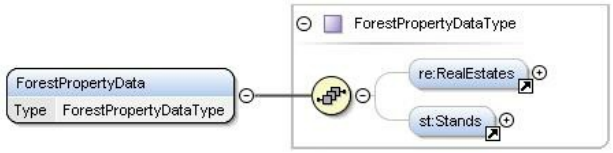
Forest Information Standard



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.

DETALJER

VEDENS URSPRUNG

Skog

TRäTYP

Rundvirke

TYP AV TRä

Stemwood

PåVERKAN På MILJö & BIOLOGISK MåNGFALD

Positive

EKONOMISK EFFEKT

Positive

KOMMERSIELL POTENTIAL

--

NAV

--

EKONOMISK PåVERKAN

Fast and effective info transfer

SPECIFIKA KUNSKAPSBEHOV

Introduction to XML schemes

MOBILISERINGSPOTENTIAL

Not possible to assess

HåLLBARHETS POTENTIAL - VäRDE

--

ENKEL IMPLEMENTERING

Medium

ENKEL IMPLEMENTERING - UTVäRDERING

--

NYCKEL FöRUTSäTTNINGAR

Involve all relevant stakeholders in the development

TYP AV EVENEMANG DäR DENNA BPI HAR PRESENTERATS

--

EFFEKT ANTAL ANSTäLLDA

Positive

KOSTNADER FöR IMPLEMENTERING (EURO - €)

--

MER INFORMATION

UTMANING SOM ADRESSERAS

--

DOMäN

TYPE AV LöSNING

--

NYCKELORD

--

DIGITAL LöSNING

Nej

INNOVASION

Ja

UPPHOVSLAND

--

POTENTIAL

--

START OCH SLUTåR

2008 -

KONTAKT INFORMASION

ÄGARE ELLER FöRFATTARE

RAPPORTöR

info@bitcomp.fi

REFERENCES AND RESOURCES

HEMSIDA (HUVUDSIDA)

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

RESURSER

--

PROJEKTETS HEMSIDA

--

PROJEKTREFERENS

--

PROJEKT SOM DETTA FACTSHEET SKAPATS INOM

Rosewood

DATUM FöR INLäGG

27 sep 2019

Link to Rosewood 4.0

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