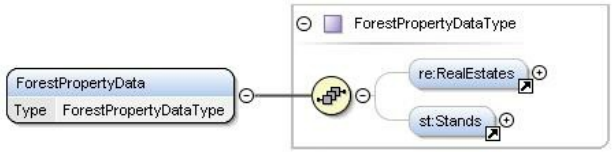
Forest Information Standard



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.

PODROBNOSTI

PôVOD DREVA

Les

DRUH DREVA

Kmeňové drevo

UVAžOVANý DRUH DREVA

Stemwood

VPLYV NA žIVOTNé PROSTREDIE A BIODIVERZITU

Positive

DOPAD NA PRíJMY

Positive

POTENCIáL VYUžITIA

--

ROZBOčOVAč

--

EKONOMICKý VPLYV

Fast and effective info transfer

POTREBA šPECIFICKýCH ZNALOSTí

Introduction to XML schemes

MOBILZAčNý POTENCIáL

Not possible to assess

POTENCIáL UDRžATEľNOSTI - HODNOTA

--

UľAHčENIE IMPLMENTáCIE

Medium

UľAHčENIE IMPLMENTáCIE - HODNOTENIE

--

KľúčOVé PREPOKLADY

Involve all relevant stakeholders in the development

TYP PODUJATIA, NA KTOROM BOL TENTO BPI PREZENTOVANý

--

DOPAD NA ZAMESTNANOSť

Positive

NáKLADY NA IMPLEMENTáCIU (EURO - €)

--

VIAC INFORMáCIí

RIEšENá VýZVA

--

DOMAIN

TYP RIEšENIA

--

KľúčOVé SLOVá

--

DIGITALNE RIEšENIE

Nie

INOVáCIE

Áno

KRAJINA PôVODU

--

ROZSAH APLIKáCIE

--

ZAČIATOK A KONIEC ROKA

2008 -

KONTAKTNé úDAJE

VLASTNíK ALEBO AUTOR

REPORTéR

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REFERENCES AND RESOURCES

HLAVNá WEBSTRáNKA

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

ZDROJE

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PROJEKTOVá WEBSTRáNKA

--

REFERENCIA PROJEKTU

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PROJEKT, V RáMCI KTORéHO BOL TENTO INFORMAčNý PREHľAD VYTVORENý

Rosewood

DáTUM ODOSLANIA

27 sep 2019

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Link to Rosewood 4.0

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