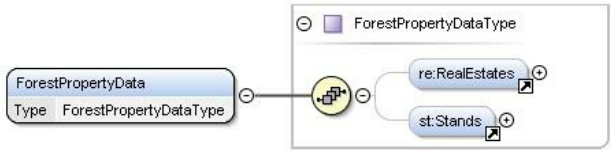
Forest Information Standard



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).

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

Severný uzol

EKONOMICKý VPLYV

High with fully digitalization

POTREBA šPECIFICKýCH ZNALOSTí

High, complex approach- Introduction to XML schemes

MOBILZAčNý POTENCIáL

1 m³/ha

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

Better qualified staff / better operations and transport

NáKLADY NA IMPLEMENTáCIU (EURO - €)

--

VIAC INFORMáCIí

RIEšENá VýZVA

5. Zlepšenie hospodárskej a environmentálnej výkonnosti dodávateľských reťazcov v lesníctve

DOMAIN

Na lese založené priemyselné odvetvia, bio/obehová ekonomika

TYP RIEšENIA

Dátové štandardy

KľúčOVé SLOVá

--

DIGITALNE RIEšENIE

áno

INOVáCIE

Áno

KRAJINA PôVODU

Fínsko

ROZSAH APLIKáCIE

Národný

ZAčIATOK A KONIEC ROKA

2008 -

KONTAKTNé úDAJE

VLASTNíK ALEBO AUTOR

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REPORTéR

REFERENCES AND RESOURCES

HLAVNá WEBSTRáNKA

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

ZDROJE

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PROJEKTOVá WEBSTRáNKA

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REFERENCIA PROJEKTU

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PROJEKT, V RáMCI KTORéHO BOL TENTO INFORMAčNý PREHľAD VYTVORENý

Rosewood

DáTUM ODOSLANIA

18 nov 2019

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY