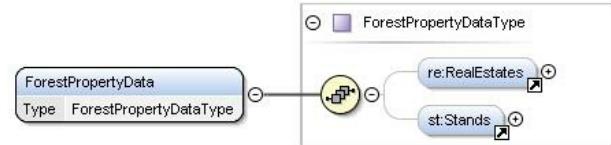


Forest Information Standard



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 allows 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

MOBILZAČNÝ POTENCIÁL

1 m³/ha

UVAŽOVANÝ DRUH DREVA

Stemwood

UIĽAHČENIE IMPLEMENTÁCIE

Medium

VPLYV NA ŽIVOTNÉ PROSTREDIE A BIODIVERZITU

Positive

UIĽAHČENIE IMPLEMENTÁCIE - HODNOTENIE

--

DOPAD NA PRÍJMY

Positive

KľúčOVÉ PREPOKLADY

Involve all relevant stakeholders in the development

POTENCIÁL VYUŽITIA

--

TYP PODUJATIA, NA KTOROM BOL TENTO BPI PREZENTOVANÝ

--

ROZBOČOVAČ

Severný uzol

DOPAD NA ZAMESTNANOSŤ

Better qualified staff / better operations and transport

EKONOMICKÝ VPLYV

High with fully digitalization

NÁKLADY NA IMPLEMENTÁCIU (EURO - €)

--

POTREBA ŠPECIFICKÝCH ZNALOSTÍ

High, complex approach- Introduction to XML schemes

RIEŠENá VÝZVA

5. Zlepšenie hospodárskej a environmentálnej výkonnosti dodávateľských reťazcov v lesníctve

KľúčOVé SLOVá

--

KRAJINA PôVODU

Fínsko

DOMAIN

Na lese založené priemyselné odvetvia, bio/obehová Dátové štandardy
ekonomika

DIGITALNE RIEŠENIE

áno

ROZSAH APLIKáCIE

Národný

TYP RIEŠENIA

INOVáCIE

Áno

ZAČIATOK A KONIEC ROKA

2008 -

**KONTAKTNé
úDAJE**

VLASTNÍK ALEBO AUTOR

Finnish Forest Centre

Heikki Eronen

heikki.eronen@metsakeskus.fi

<https://www.metsakeskus.fi/en>

REPORTéR

**REFERENCES
AND RESOURCES**

HLAVNá WEBSTRáNKA

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

ZDROJE

--

PROJEKTOVá WEBSTRáNKA

--

REFERENCIA PROJEKTU

--

PROJEKT, V RÁMCI KTÓREHO BOL TENTO INFORMAČNÝ PREHĽAD VYTVORENÝ

Rosewood

DÁTUM ODOSLANIA

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



□