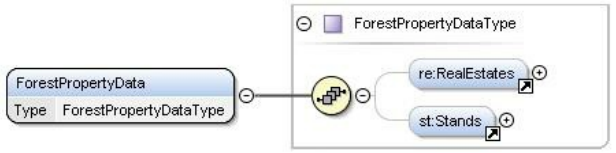
Forest Information Standard



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).

DETALJER

OPPRINNELSE FOR TRE

Skog

TYPE TRE

Tre fra rundtvirke

TYPE TRE INVOLVERT

Stemwood

PåVIRKNING På MILJø OG BIOLOGISK MANGFOLD

Positive

INNTEKTSEFFEKT

Positive

UTNYTTELSESPOTENSIAL

--

HUB

Northern Hub

ØKONOMISK PåVIRKNING

High with fully digitalization

SPESIFIKKE KUNNSKAPSBEHOV

High, complex approach- Introduction to XML schemes

MOBILISERINGSPOTENSIAL

1 m³/ha

BæREKRAFTPOTENSIAL - VERDI

--

ENKEL IMPLEMENTERING

Medium

ENKEL IMPLEMENTERING - EVALUERING

--

VIKTIGE FORUTSETNINGER

Involve all relevant stakeholders in the development

TYPE BEGIVENHET DER DENNE BPI HAR BLITT OMTALT

--

EFFEKT På ARBEIDSPLASSER

Better qualified staff / better operations and transport

KOSTNADER MED IMPLEMENTERING (EURO - €)

--

MER INFORMASJON

UTFORDRING ADRESSERT

5. Forbedre den økonomiske og miljømessige ytelsen i skogbrukets forsynings kjede

DOMENE

Skogindustri, bio/sirkulær økonomi

TYPE LØSNING

Data standarder

NØKKELORD

--

DIGITAL LØSNING

Ja

INNOVASJON

Ja

OPPRINELSESLAND

Finland

POTENSIALE

Nasjonal

START OG SLUTT åR

2008 -

KONTAKT INFORMASJON

EIER ELLER FORFATTER

Finnish Forest Centre

Heikki Eronen

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https://www.metsakeskus.fi/en

RAPPORTØR

REFERENCES AND RESOURCES

HJEMMESIDE (HOVEDSIDE)

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

RESSURSER

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PROSJEKTETS HJEMMESIDE

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REFERANSE TIL PROSJEKT

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PROSJEKT SOM DETTE FAKTAARKET ER OPPRETTET UNDER

Rosewood

INNLEGGSDATO

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