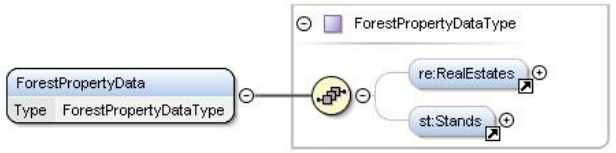
# Forest Information Standard




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**

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**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**

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**EFFEKT På ARBEIDSPLASSER**

Better qualified staff / better operations and transport

**KOSTNADER MED IMPLEMENTERING (EURO - €)**

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## 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

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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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