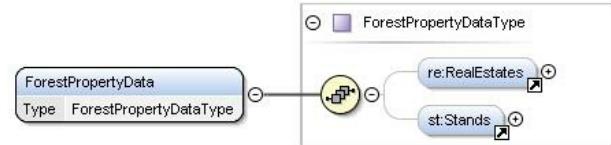


# Forest Information Standard



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).

## DETALJER

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### OPPRINNELSE FOR TRE

Skog

### TYPE TRE

Tre fra rundtvirke

### MOBILISERINGSPOTENSIAL

1 m<sup>3</sup>/ha

### TYPE TRE INVOLVERT

Stemwood

### ENKEL IMPLEMENTERING

Medium

### PÅVIRKNING PÅ MILJØ OG BIOLOGISK MANGFOLD

Positive

### ENKEL IMPLEMENTERING - EVALUERING

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### INNTEKTSEFFEKT

Positive

### VIKTIGE FORUTSETNINGER

Involve all relevant stakeholders in the development

### UTNYTTELSESPOTENSIAL

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### TYPE BEGIVENHET DER DENNE BPI HAR BLITT OMTALT

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### HUB

Northern Hub

### EFFEKT PÅ ARBEIDSPLASSER

Better qualified staff / better operations and transport

### ØKONOMISK PÅVIRKNING

High with fully digitalization

### KOSTNADER MED IMPLEMENTERING (EURO - €)

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### SPESIFIKKE KUNNSKAPSBEHOV

High, complex approach- Introduction to XML schemes

## MER INFORMASJON

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UTFORDRING ADRESSERT	DOMENE	TYPE LØSNING
5. Forbedre den økonomiske og miljømessige ytelsen i skogbrukets forsyningskjede	Skogindustri, bio/sirkulær økonomi	Data standarder
NØKKELORD	DIGITAL LØSNING	INNOVASJON
--	Ja	Ja
OPPRINELSESLAND	POTENSIALE	START OG SLUTT ÅR
Finland	Nasjonal	2008 -

## KONTAKT INFORMASJON

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EIER ELLER FORFATTER	RAPPORTØR
Finnish Forest Centre  Heikki Eronen  heikki.eronen@metsakeskus.fi  <a href="https://www.metsakeskus.fi/en">https://www.metsakeskus.fi/en</a>	

## REFERENCES AND RESOURCES

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HJEMMESIDE (HOVEDSIDE)	RESSURSER
<a href="https://www.metsakeskus.fi/en/open-forest-and-nature-information/forest-information-standards">https://www.metsakeskus.fi/en/open-forest-and-nature-information/forest-information-standards</a>	--
PROSJEKTETS HJEMMESIDE	
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## REFERANSE TIL PROSJEKT

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PROSJEKT SOM DETTE FAKTAARKET ER OPPRETTET UNDER

Rosewood

INNLEGGSDATO

18 nov 2019

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This project has received funding from the European Union's Horizon  
2020 research and innovation programme under grant agreement No.

862681

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY



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