

# 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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### VEDENS URSPRUNG

Skog

### TRÄTYP

Rundvirke

### TYP AV TRÄ

Stemwood

### PÅVERKAN PÅ MILJÖ & BIOLOGISK MÅNGFALD

Positive

### EKONOMISK EFFEKT

Positive

### KOMMERSIELL POTENTIAL

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### NAV

Norra navet

### EKONOMISK PÅVERKAN

High with fully digitalization

### SPECIFIKA KUNSKAPSBEHOV

High, complex approach- Introduction to XML schemes

### MOBILISERINGSPOTENTIAL

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

### HÅLLBARHETS POTENTIAL - VÄRDE

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### ENKEL IMPLEMENTERING

Medium

### ENKEL IMPLEMENTERING - UTVÄRDERING

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### NYCKEL FÖRUTSÄTTNINGAR

Involve all relevant stakeholders in the development

### TYP AV EVENEMANG DÄR DENNA BPI HAR PRESENTERATS

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### EFFEKT ANTAL ANSTÄLLDA

Better qualified staff / better operations and transport

### KOSTNADER FÖR IMPLEMENTERING (EURO - €)

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## MER INFORMATION

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### UTMANING SOM ADRESSERAS

5. Förbättra ekonomisk och miljömässig prestanda för skogsförsörjningskedjor

### DOMÄN

Skogindustri, bio/cirkulär ekonomi

### TYPE AV LÖSNING

Data standarder

### NYCKELORD

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### DIGITAL LÖSNING

Ja

### INNOVASION

Ja

### UPPHOVSLAND

Finland

### POTENTIAL

Nationell

### START OCH SLUTÅR

2008 -

## KONTAKT INFORMATION

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### ÄGARE ELLER FÖRFATTARE

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

### RAPPORTÖR

## REFERENCES AND RESOURCES

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### HEMSIDA (HUVUDSIDA)

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

### PROJEKTETS HEMSIDA

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### PROJEKTFERENS

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### RESURSER

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PROJEKT SOM DETTA FACTSHEET SKAPATS INOM

Rosewood

DATUM FÖR INLÄGG

18 nov 2019

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

