

# 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).

## DETALII

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### SURSA DE LEMN

Pădure

### TIPUL DE LEMN

Lemn masiv

### TIPUL DE LEMN ÎN CAUZĂ

Stemwood

### IMPACTUL ASUPRA MEDIULUI ȘI BIODIVERSITĂȚII

Positive

### EFACT ASUPRA VENITURILOR

Positive

### POTENȚIAL DE EXPLOATARE

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### HUB

Hub-ul de Nord

### IMPACT ECONOMIC

High with fully digitalization

### CUNOȘTINȚE SPECIFICE NECESARE

High, complex approach- Introduction to XML schemes

### POTENȚIALUL DE MOBILIZARE

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

### POTENȚIAL DE SUSTENABILITATE - VALOARE

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### FACILITATEA DE IMPLEMENTARE

Medium

### FACILITATEA DE IMPLEMENTARE - EVALUARE

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### CONDIȚII CHEIE PRELABILE

Involve all relevant stakeholders in the development

### TIPUL DE EVENIMENT LA CARE A FOST PREZENTAT ACEST IPB

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### EFACT ASUPRA LOCURILOR DE MUNCĂ

Better qualified staff / better operations and transport

### COSTURI PENTRU IMPLEMENTARE (EURO - €)

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## MAI MULTE DETALII

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### PROVOCARE ABORDATĂ

5. Îmbunătățirea performanțelor economice și de mediu ale lanțurilor de aprovizionare cu păduri

### DOMAIN

Industrii forestiere, economie bio / circulară

### TIP DE SOLUȚIE

Standarde de date

### CUVINTE CHEIE

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### SOLUȚIE DIGITALĂ

Da

### INOVAȚIE

Da

### ȚARA DE ORIGINE

Finlanda

### SCARA DE APLICARE

Național

### ANUL DE ÎNCEPUT ȘI DE SFÂRȘIT

2008 -

## DATE DE CONTACT

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### PROPRIETAR SAU AUTOR

Finnish Forest Centre

Heikki Eronen

heikki.eronen@metsakeskus.fi

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

### REPORTER

## REFERENCES AND RESOURCES

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### PAGINĂ WEB

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

### RESURSE

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### WEBSITE PROJECT

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### REFERINȚĂ PROIECT

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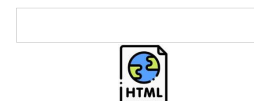
PROIECTUL ÎN CADRUL CĂRUIA A FOST CREATĂ ACEASTĂ FIȘĂ INFORMATIVĂ

Rosewood

DATA POSTĂRII

18 Noi 2019

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

