

# Forest Information Standard



Forest information is standardised so that actors engaged in the forest sector could develop and use harmonised 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 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). The information standard is already used by metsään.fi, puumarkkinat.fi, kuutio.fi (will be used), organizations such as Tornator, Stora Enso, UPM, Metsä Group.

## DÉTAILS

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### ORIGINE DU BOIS

Forêt

### TYPE DE BOIS

Grume

### TYPE DE BOIS CONCERNÉ

Stemwood

### IMPACT SUR L'ENVIRONNEMENT ET LA BIODIVERSITÉ

Positive

### EFFET SUR LE REVENU

Positive

### POTENTIEL D'EXPLOITATION

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### HUB

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### IMPACT ÉCONOMIQUE

Fast and effective info transfer

### CONNAISSANCES SPÉCIFIQUES REQUISES

Introduction to XML schemes

### POTENTIEL DE MOBILISATION

Not possible to assess

### POTENTIEL DE DURABILITÉ - VALEUR

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### FACILITÉ D'IMPLÉMENTATION

Medium

### FACILITÉ D'IMPLÉMENTATION - ÉVALUATION

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### PRÉREQUIS CLÉS

Involve all relevant stakeholders in the development

### TYPE D'ÉVÉNEMENT OÙ CETTE ICPE A ÉTÉ PRÉSENTÉE

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### EFFET SUR L'EMPLOI

Positive

### COÛTS D'IMPLÉMENTATION (EURO - €)

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**PLUS DE  
DÉTAILS**

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**DÉFI CONCERNÉ**

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**DOMAINE**

**SOLUTION DIGITALE**

Non

**TYPE DE SOLUTION**

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**INNOVATION**

Oui

**MOTS-CLÉS**

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**PAYS D'ORIGINE**

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**ECHELLE D'APPLICATION**

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**DÉBUT ET FIN D'ANNÉE**

2008 -

**INFORMATIONS  
DE CONTACT**

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**PROPRIÉTAIRE OU AUTEUR**

**RAPPORTEUR**

info@bitcomp.fi

**REFERENCES  
AND RESOURCES**

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**SITE WEB PRINCIPAL**

<https://bitcomp.com/bitcomp-finland/>

**SITE WEB DU PROJET**

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**RÉFÉRENCE DU PROJET**

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**RESSOURCES**

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PROJET SOUS LEQUEL CETTE FICHE D'INFORMATION A été CRééE

Rosewood

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