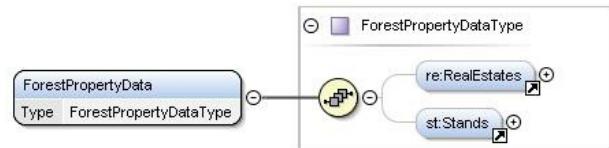


# Forest Information Standard



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 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). 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

**POTENTIEL DE MOBILISATION**

Not possible to assess

**POTENTIEL DE DURABILITÉ - VALEUR**

--

**TYPE DE BOIS CONCERNÉ**

Stemwood

**FACILITÉ D'IMPLÉMENTATION**

Medium

**IMPACT SUR L'ENVIRONNEMENT ET LA BIODIVERSITÉ**

Positive

**FACILITÉ D'IMPLÉMENTATION - ÉVALUATION**

--

**EFFET SUR LE REVENU**

Positive

**PRÉREQUIS CLÉS**

Involve all relevant stakeholders in the development

**POTENTIEL D'EXPLOITATION**

--

**TYPE D'éVÉNEMENT OÙ CETTE ICPE A ÉTÉ PRÉSENTÉE**

--

**HUB**

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**EFFET SUR L'EMPLOI**

Positive

**IMPACT ÉCONOMIQUE**

Fast and effective info transfer

**COÛTS D'IMPLÉMENTATION (EURO - €)**

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**CONNAISSANCES SPÉCIFIQUES REQUISES**

Introduction to XML schemes

PLUS DE  
DÉTAILS

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DÉFI CONCERNÉ	DOMAINE	TYPE DE SOLUTION
--	--	--
MOTS-CLÉS	SOLUTION DIGITALE	INNOVATION
--	Non	Oui
PAYS D'ORIGINE	ÉCHELLE D'APPLICATION	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 RESSOURCES

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

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SITE WEB DU PROJET

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RÉFÉRENCE DU PROJET

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PROJET SOUS LEQUEL CETTE FICHE D'INFORMATION A ÉTÉ CRÉÉE

Rosewood

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