

# 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.

## PODROBNOSTI

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### IZVOR LESA

Gozd

### TIP LESA

Okrogli les

### VRSTA OBRAVNAVANEGA LESA

Stemwood

### VPLIV NA OKOLJE IN BIODIVERZITETO

Positive

### VPLIV NA PRIHODKE

Positive

### POTENCIAL IZKORIŠČANJA

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### VOZLIŠČE

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### GOSPODARSKI VPLIV

Fast and effective info transfer

### POTREBNO SPECIFIČNO ZNANJE

Introduction to XML schemes

### POTENCIAL ZA MOBILIZACIJO

Not possible to assess

### TRAJNOST - VREDNOST

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### ENOSTAVNOST IZVEDBE

Medium

### ENOSTAVNOST IZVEDBE - OCENJEVANJE

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### KLJUČNI PREDPOGOJI

Involve all relevant stakeholders in the development

### VRSTA DOGODKA, NA KATEREM JE BIL PREDSTAVLJEN TA BPI

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### VPLIV NA DELOVNA MESTA

Positive

### STROŠKI IZVEDBE (EURO - €)

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VEČ  
PODROBNOSTI

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IZZIV

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KLJUČNE BESEDE

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IZVORNA DRŽAVA

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KONTAKTN  
PODATKI

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DOMENA

DIGITALNE REŠITVE

No

OBSEG UPORABE

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TIP REŠITVE

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INOVACIJA

Da

ZAČETNO IN KONČNO LETO

2008 -

LASTNIK OZ. AVTOR

POROČEVALEC

info@bitcomp.fi

REFERENCES  
AND RESOURCES

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SPLETNA STRAN

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

SPLETNA STRAN PROJEKTA

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REFERENCA PROJEKTA

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VIRI

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PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI

Rosewood

DATUM OBJAVE

27 Sep 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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