

# 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).

## PODROBNOSTI

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### PÔVOD DREVA

Les

### DRUH DREVA

Kmeňové drevo

### UVAŽOVANÝ DRUH DREVA

Stemwood

### VPLYV NA ŽIVOTNÉ PROSTREDIE A BIODIVERZITU

Positive

### DOPAD NA PRÍJMY

Positive

### POTENCIÁL VYUŽITIA

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### ROZBOČOVAČ

Severný uzol

### EKONOMICKÝ VPLYV

High with fully digitalization

### POTREBA ŠPECIFICKÝCH ZNALOSTÍ

High, complex approach- Introduction to XML schemes

### MOBILIZAČNÝ POTENCIÁL

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

### POTENCIÁL UDRŽATEĽNOSTI - HODNOTA

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### UĽAHČENIE IMPLMENTÁCIE

Medium

### UĽAHČENIE IMPLMENTÁCIE - HODNOTENIE

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### Kľúčové PREPOKLADY

Involve all relevant stakeholders in the development

### TYP PODUJATIA, NA KTOROM BOL TENTO BPI PREZENTOVANÝ

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### DOPAD NA ZAMESTNANOSŤ

Better qualified staff / better operations and transport

### NÁKLADY NA IMPLEMENTÁCIU (EURO - €)

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## VIAC INFORMÁCIÍ

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### RIEŠENÁ VÝZVA

5. Zlepšenie hospodárskej a environmentálnej výkonnosti dodávateľských reťazcov v lesníctve

### Kľúčové SLOVÁ

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### KRAJINA PôVODU

Fínsko

### DOMAIN

Na lese založené priemyselné odvetvia, bio/obehová ekonomika

### DIGITALNE RIEŠENIE

áno

### ROZSAH APLIKÁCIE

Národný

### TYP RIEŠENIA

Dátové štandardy

### INOVÁCIE

Áno

### ZAČIATOK A KONIEC ROKA

2008 -

## KONTAKTNÉ ÚDAJE

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### REPORTÉR

## REFERENCES AND RESOURCES

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### HLAVNÁ WEBSTRÁNKA

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

### PROJEKTOVÁ WEBSTRÁNKA

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### REFERENCIA PROJEKTU

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### ZDROJE

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PROJEKT, V RÁMCI KTORÉHO BOL TENTO INFORMAČNÝ PREHĽAD VYTVORENÝ

Rosewood

DÁTUM ODOSLANIA

18 nov 2019

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Link to Rosewood 4.0



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY



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