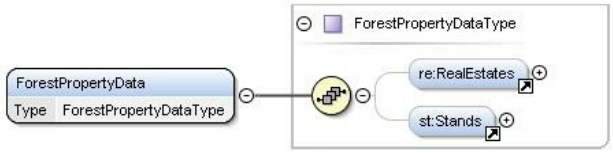
Forest Information Standard



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.

DETALLES

ORIGEN DE LA MADERA

Bosque

TIPO DE MADERA

Madera en rollo

TIPO DE MADERA AFECTADA

Stemwood

IMPACTO EN EL MEDIO AMBIENTE Y LA BIODIVERSIDAD

Positive

EFECTO SOBRE LOS INGRESOS

Positive

POTENCIAL DE EXPLOTACIóN

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HUB

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IMPACTO ECONóMICO

Fast and effective info transfer

CONOCIMIENTOS ESPECíFICOS NECESARIOS

Introduction to XML schemes

POTENCIAL DE MOVILIZACIóN

Not possible to assess

POTENCIAL DE SOSTENIBILIDAD - VALOR

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FACILIDAD DE APLICACIóN

Medium

FACILIDAD DE IMPLEMENTACIóN - EVALUACIóN

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PREREQUISITOS CLAVE

Involve all relevant stakeholders in the development

TIPO DE EVENTO EN EL QUE SE HA PRESENTADO ESTA IFS

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EFECTO SOBRE EL EMPLEO

Positive

COSTES DE IMPLEMENTACIóN (EURO - €)

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MáS DETALLES

RETO ABORDADO

--

DOMINIO

TIPO DE SOLUCIóN

--

PALABRAS CLAVE

--

SOLUCIóN DIGITAL

No

INNOVACIóN

Si

PAíS DE ORIGEN

--

ESCALA DE APLICACIóN

--

AñO DE INICIO Y FIN

2008 -

DATOS DE CONTACTO

PROPIETARIO O AUTOR

REPORTADOR

info@bitcomp.fi

REFERENCES AND RESOURCES

SITIO WEB PRINCIPAL

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

RECURSOS

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SITIO WEB DEL PROYECTO

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REFERENCIA DEL PROYECTO

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PROYECTO BAJO EL QUE SE HA CREADO ESTA FICHA

Rosewood

FECHA DE MENSAJE

27 Sep 2019

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Link to Rosewood 4.0

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