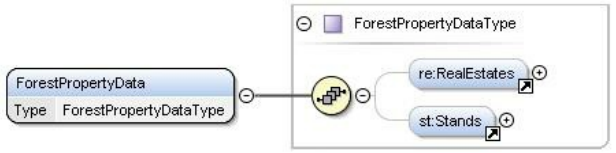
Forest Information Standard



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 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).

DETALJI

PODRIJETLO DRVA

Šuma

VRSTA DRVA

Deblo

ODGOVARAJUĆA VRSTA DRVA

Stemwood

UTJECAJ NA OKOLIŠ I BIORAZNOLIKOST

Positive

UČINAK NA PRIHOD

Positive

POTENCIJAL ISKORISTIVOSTI

--

SREDIŠTE

Sjeverno središte

GOSPODARSKI UČINAK

High with fully digitalization

POTREBNA POSEBNA ZNANJA

High, complex approach- Introduction to XML schemes

POTENCIJAL ZA POVEĆANJE UPORABE DRVA

1 m^3/ha

POTENCIJAL ODRŽIVOSTI - VRIJEDNOST

--

JEDNOSTAVNOST PROVEDBE

Medium

JEDNOSTAVNOST PROVEDBE - EVALUACIJA

--

KLJUČNI PREDUVJETI

Involve all relevant stakeholders in the development

VRSTA DOGAĐAJA NA KOJEM JE PRIKAZAN OVAJ BPI

--

UČINAK NA ZAPOŠLJIVOST

Better qualified staff / better operations and transport

TROŠKOVI PROVEDBE (EURO - €)

--

VIŠE DETALJA

IZAZOV

5. Unaprjeđenje učinkovitosti lanca opskrbe šumom na gospodarstvo i okoliš

DOMENA

Industrije utemeljene na šumama, bio / kružna ekonomija

VRSTA RJEŠENJA

" Standardi podataka Standardi podataka"

KLJUČNE RIJEČI

--

DIGITALNO RJEŠENJE

Da

INOVACIJA

Da

ZEMLJA PODRIJETLA

Finska

PODRUČJE PRIMJENE

Nacionalna

POČETAK I KRAJ GODINE

2008 -

KONTAKT PODATCI

VLASNIK ILI AUTOR

Finnish Forest Centre

Heikki Eronen

heikki.eronen@metsakeskus.fi

https://www.metsakeskus.fi/en

IZVJESTITELJ

REFERENCES AND RESOURCES

GLAVNA WEB STRANICA

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

IZVORI

--

WEB STRANICA PROJEKTA

--

REFERENCA PROJEKTA

--

PROJEKT U OKVIRU KOJEG JE INFORMATIVNI LIST KREIRAN

Rosewood

DATUM UNOSA

18 stu 2019

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 862681

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY