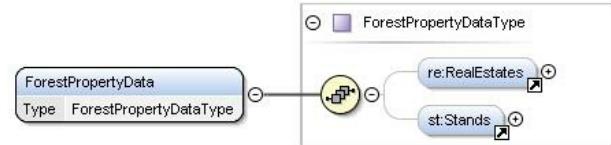


# Forest Information Standard



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).

## DETAILS

---

HERKUNFT DES HOLZES	MOBILISIERUNGSPOTENZIAL
Wald	1 m³/ha
ART DES HOLZES	POTENZIAL FÜR NACHHALTIGKEIT - WERT
Stammholz	--
ART DES BETROFFENEN HOLZES	LEICHTE IMPLEMENTIERUNG
Stemwood	Medium
AUSWIRKUNGEN AUF UMWELT UND BIODIVERSITÄT	LEICHTE IMPLEMENTIERUNG - BEWERTUNG
Positive	--
EINKOMMENSEFFEKT	WICHTIGE VORAUSSETZUNGEN
Positive	Involve all relevant stakeholders in the development
VERWERTUNGSPOTENZIAL	ART DER VERANSTALTUNG, AUF DER DIESE BPI VORGESTELLT WURDE
--	--
NABE	ARBEITSPLATZEFFEKT
Nördliches Drehkreuz	Better qualified staff / better operations and transport
WIRTSCHAFTLICHE AUSWIRKUNGEN	KOSTEN DER IMPLEMENTIERUNG (EURO - €)
High with fully digitalization	--
SPEZIFISCHES WISSEN ERFORDERLICH	
High, complex approach- Introduction to XML schemes	

## MEHR DETAILS

---

ANGESPROCHENE HERAUSFORDERUNG	DOMÄNE	ART DER LÖSUNG
5. Verbesserung der wirtschaftlichen und ökologischen Leistung der forstwirtschaftlichen Forstlieferketten	Forstbasierte Industrien, Bio-/ Kreislaufwirtschaft	Daten-Standards
SCHLÜSSELWÖRTER	DIGITALE LÖSUNG	INNOVATION
--	Ja	Ja
HERKUNFTSLAND	UMFANG DER ANWENDUNG	ANFANGS- UND ENDJAHR
Finnland	National	2008 -

## KONTAKTDATEN

---

EIGENTÜMER ODER AUTOR	REPORTER
Finnish Forest Centre Heikki Eronen <a href="mailto:heikki.eronen@metsakeskus.fi">heikki.eronen@metsakeskus.fi</a> <a href="https://www.metsakeskus.fi/en">https://www.metsakeskus.fi/en</a>	

## REFERENCES AND RESOURCES

---

HAUPT-WEBSITE	RESSOURCEN
<a href="https://www.metsakeskus.fi/en/open-forest-and-nature-information/forest-information-standards">https://www.metsakeskus.fi/en/open-forest-and-nature-information/forest-information-standards</a>	--
PROJEKT-WEBSITE	
--	
PROJEKT-REFERENZ	
--	

---

PROJEKT, IN DESSEN RAHMEN DIESES FACTSHEET ERSTELLT WURDE

Rosewood

BEITRAGSDATUM

18 Nov. 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



Centro de Servicios y Promoción Forestal  
y de su Industria de Castilla y León

