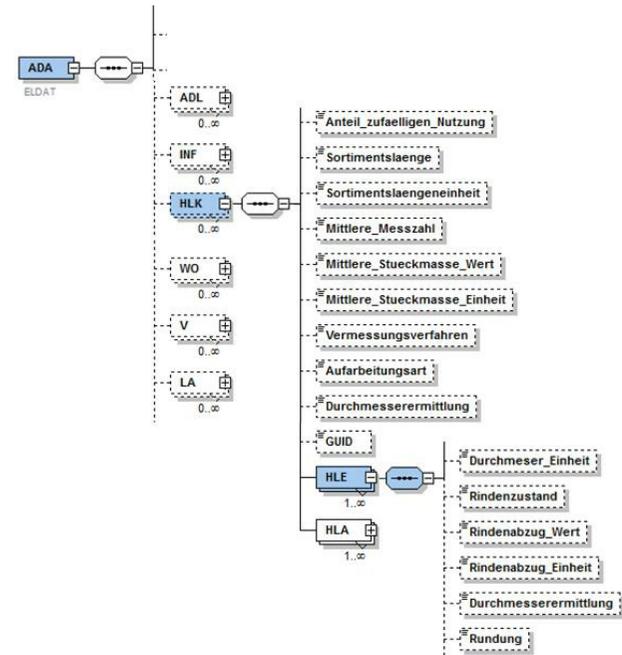# ELDAT

The flow of data between the partners of forestry and the timber industry is an unpredictable obstacle in terms of time in the supply chain. Still today, lists of wood and factory dimension protocols are passed along analogically on paper. Regional individual solutions for digital data transfer exist, but they are expensive compared to the sold number of products.

ELDAT is publicly available and updated by the Kuratorium für Waldarbeit und Forsttechnik e.V. since 2002.

Digitalization process with optimizing interfaces still in process.

ELDAT is the first national standard, which enables a consistent communication between all involved partners of the process chain. It enables the transfer of single timber data (formerly the list of wood) as well as the transmission of process defining information such as e.g. contract, billing or delivery data in shortest time and therefore is an important part in the supply-chain-management.

DETAILS

ORIGIN OF WOOD

Forest

TYPE OF WOOD

Stemwood

KIND OF WOOD CONCERNED

All assortments

IMPACT ON ENVIRONMENT & BIODIVERSITY

Positive / Depending on management decisions

INCOME EFFECT

Positive

EXPLOITATION POTENTIAL

--

HUB

--

ECONOMIC IMPACT

Better and optimized forest planning and harvesting operations

SPECIFIC KNOWLEDGE NEEDED

high

MOBILIZATION POTENTIAL

Estimated minimum 1 m³/ha

SUSTAINABILITY POTENTIAL - VALUE

--

EASE OF IMPLEMENTATION

difficult

EASE OF IMPLEMENTATION - EVALUATION

--

KEY PREREQUISITES

ELDAT useable for own data interfaces

TYPE OF EVENT WHERE THIS BPI HAS BEEN FEATURED

--

JOB EFFECT

Enabling data flow in whole value chain

COSTS OF IMPLEMENTATION (EURO - €)

--

MORE DETAILS

CHALLENGE ADDRESSED	DOMAIN	TYPE OF SOLUTION
--	Harvesting, infrastructure, logistics	Marketing platforms
KEYWORDS	**DIGITAL SOLUTION**	**INNOVATION**
--	Yes	Yes
COUNTRY OF ORIGIN	**SCALE OF APPLICATION**	**START AND END YEAR**
Germany	National	2002 -

CONTACT DATA

OWNER OR AUTHOR	REPORTER
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REFERENCES
AND RESOURCES

MAIN WEBSITE	RESOURCES
http://www.kwf-online.org/logistik/datenschnittstellen/eldat.html	--

PROJECT WEBSITE

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PROJECT REFERENCE

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PROJECT UNDER WHICH THIS FACTSHEET HAS BEEN CREATED

Rosewood

Link to Rosewood 4.0

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

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

EFI