



Description of innovation

Innovation	
Title	ELDAT
Picture	
Domain	Digitalization, Infrastructure/logistics
Source of wood	Stemwood
Location	Germany
Implementers	Deutscher Forstwirtschaftsrat (German forestry council) and Deutscher Holzwirtschaftsrat (German timber industry council)
Actual status	Running
Approach	<p>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.</p> <p>ELDAT is publicly available and updated by the Kuratorium für Waldarbeit und Forsttechnik e.V. since 2002.</p>
Main results	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.
Lessons learned	Digitalization process with optimizing interfaces still in process.
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Link to website	http://www.kwf-online.org/logistik/datenschnittstellen/eldat.html
Code	IN_DE_01

Innovation assessment

Region	Germany
Time scale	Since 2002
Mobilization Potential	Estimated minimum 1 m ³ /ha
Kind of wood concerned	All assortments
Sustainability Potential	Positive
Impact on environment & biodiversity	Positive / Depending on management decisions
Ease of implementation	difficult
Economic impact	Better and optimized forest planning and harvesting operations
Job effect	Enabling data flow in whole value chain
Income effect	Positive
Specific knowledge needed	high
Costs of implementation	Depending on management approach
Technical readiness level	Applicable
Key information for adoption	ELDAT useable for own data interfaces