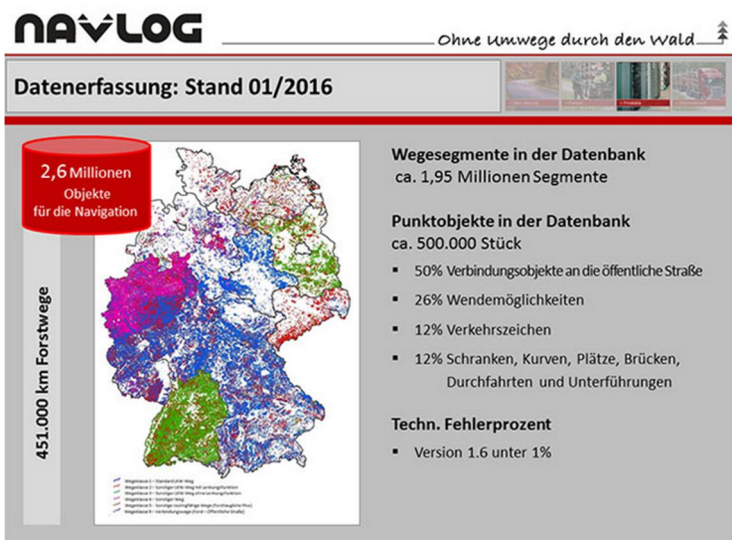


Description of Innovation

Innovation	
Title	NavLog
Picture	 <p>NAVLOG <i>Ohne Umwege durch den Wald</i></p> <p>Datenerfassung: Stand 01/2016</p> <p>2,6 Millionen Objekte für die Navigation</p> <p>451.000 km Forstwege</p> <p>Wegesegmente in der Datenbank ca. 1,95 Millionen Segmente</p> <p>Punktobjekte in der Datenbank ca. 500.000 Stück</p> <ul style="list-style-type: none"> 50% Verbindungsobjekte an die öffentliche Straße 26% Wendemöglichkeiten 12% Verkehrszeichen 12% Schranken, Kurven, Plätze, Brücken, Durchfahrten und Unterführungen <p>Techn. Fehlerprozent</p> <ul style="list-style-type: none"> Version 1.6 unter 1%
Domain	Infrastructure/logistics
Source of wood	Woodland/forests
Location	Germany
Implementers	NavLog GmbH Spremlinger Straße 1 64823 Groß-Umstadt
Actual status	Running
Approach	The NavLog GmbH (on behalf of the forestry and timber industry) creates a dataset of forest roads in Germany which classifies them on their suitability for the exposure to timber trucks.
Main results	As opposed to the suppliers of the public road datasets, the NavLog GmbH doesn't survey the information about the suitability of the roads with specially equipped vehicles. Instead, the data is surveyed from professionals, such as local foresters, and put together by NavLog like a puzzle. Since 2010, NavLog provides more than 450.000 km of classified forest roads cross-border.
Lessons learned	The quality of the data constantly improves through the updates of the local responsible persons. They provide GIS, WebMap Services and data for navigation

	devices.
Contact information	NavLog GmbH Spremlberger StraÙe 1 64823 Groß-Umstadt Tel.: +496078/785-66 E-Mail: kontakt@navlog.de
Link to website	https://navlog.info/
Code	IN_DE_02

Innovation assessment

Region	Germany
Time scale	Since June 2005
Mobilization Potential	middle
Kind of wood concerned	Stemwood
Sustainability Potential	positive
Impact on environment & biodiversity	Positive on biodiversity and forest resilience enhancement
Ease of implementation	low
Economic impact	more efficient working processes
Job effect	Better qualified routing and navigation processes
Income effect	more efficient working processes in harvesting and especially transport
Specific knowledge needed	GIS data processing possibilities needed
Costs of implementation	Low while transferring NavLog data in your routing System
Technical readiness level	Applicable
Key information for adoption	Easy to adopt data in your professional IT-systems