NavLog

NAVLOG — *Ohne Umwege durch den Wald*

Datenerfassung: Stand 01/2016

2,6 Millionen Objekte für die Navigation

451.000 km Forstwege

Wegesegmente in der Datenbank
ca. 1,95 Millionen Segmente

Punktobjekte in der Datenbank
ca. 500.000 Stück
- 50% Verbindungsobjekte an die öffentliche Straße
- 26% Wendemöglichkeiten
- 12% Verkehrszeichen
- 12% Schranken, Kurven, Plätze, Brücken, Durchfahrten und Unterführungen

Techn. Fehlerprozent
- Version 1.6 unter 1%
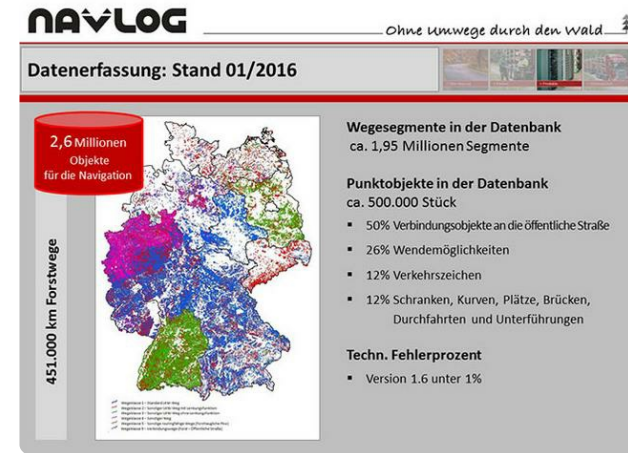
The NavLog GmbH (on behalf of the forestry and timber industry) creates a dataset of forest roads in Germany which classifies them on their suitability for the exposure to timber trucks.

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.

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.

DETAILS

ORIGIN OF WOOD

Forest

TYPE OF WOOD

Stemwood

KIND OF WOOD CONCERNED

Stemwood

IMPACT ON ENVIRONMENT & BIODIVERSITY

Positive on biodiversity and forest resilience enhancement

INCOME EFFECT

more efficient working processes in harvesting and especially transport

EXPLOITATION POTENTIAL

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HUB

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ECONOMIC IMPACT

more efficient working processes

SPECIFIC KNOWLEDGE NEEDED

GIS data processing possibilities needed

MOBILIZATION POTENTIAL

middle

SUSTAINABILITY POTENTIAL - VALUE

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EASE OF IMPLEMENTATION

low

EASE OF IMPLEMENTATION - EVALUATION

--

KEY PREREQUISITES

Easy to adopt data in your professional IT-systems

TYPE OF EVENT WHERE THIS BPI HAS BEEN FEATURED

--

JOB EFFECT

Better qualified routing and navigation processes

COSTS OF IMPLEMENTATION (EURO - €)

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MORE DETAILS

CHALLENGE ADDRESSED	DOMAIN	TYPE OF SOLUTION
--	Harvesting, infrastructure, logistics	--
KEYWORDS	**DIGITAL SOLUTION**	**INNOVATION**
--	No	Yes
COUNTRY OF ORIGIN	**SCALE OF APPLICATION**	**START AND END YEAR**
Germany	National	2005 -

CONTACT DATA

OWNER OR AUTHOR

REPORTER

kontakt@navlog.de

REFERENCES
AND RESOURCES

MAIN WEBSITE

RESOURCES

https://navlog.info/

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PROJECT WEBSITE

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PROJECT REFERENCE

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY