BayWIS



The overall goal of BayWIS was the construction of a GIS-supported information system which supports the Bavarian Forest Administration in fulfilling their tasks through recording, information, planning and analysis tools.
BayWIS therefore needs to supply and administrate professional forest data with and without special reference together with geo-basic-data and relevant professional data of other offices centrally and redundance-free.
BayWIS is directly connected to the constant optimization of professional task processes.

Qualitative goals of BayWIS are to supply a highly professional, employee-, forest owner-, customer- and citizen-friendly information & communication support. Thereby, the public conception of the completion of tasks of the forest administration is improved and the acceptance through the appliers is increased. Thereby, cost decreasing effects might be possible through the extensive bundling of the information & communication support of all tasks in the forest administration.

In March 2011, the company INTEND Geoinformatik GmbH won the tender for the project with their product WebLine Mobile (WLM). WLM is based on the mobile framework MobileADF of the company ESRI and the Windows Presentation Foundation (WPF). For BayWIS, WebLine Mobile was extended by an online-component. When using the offline version, the program relies on a local to be synchronized mapcache. In the online version, it uses the direct requests of the map pictures to the ArcGIS server. Therefore, the complete amount of geodata (incl. open geospatial consortium (OGC)-services) is available online in the statewide extent.

DETAILS

HERKUNFT DES HOLZES
Wald

ART DES HOLZES
Stammholz

ART DES BETROFFENEN HOLZES
All assortments

AUSWIRKUNGEN AUF UMWELT UND BIODIVERSITäT
High positive as new tree species according soil and climate are initated

EINKOMMENSEFFEKT
Positive

VERWERTUNGSPOTENZIAL
--

NABE
--

WIRTSCHAFTLICHE AUSWIRKUNGEN
High as there are forest systems stabilized

SPEZIFISCHES WISSEN ERFORDERLICH
High regards referring IT-System

MOBILISIERUNGSPOTENZIAL
Medium; key advantage is the consulting for forest owners through state foresters especially for concepts for next wood generation

POTENZIAL FüR NACHHALTIGKEIT - WERT
--

LEICHTE IMPLEMENTIERUNG
Difficult IT-GIS-System

LEICHTE IMPLEMENTIERUNG - BEWERTUNG
--

WICHTIGE VORAUSSETZUNGEN
Ready to use system for Bavaria state foresters

ART DER VERANSTALTUNG, AUF DER DIESE BPI VORGESTELLT WURDE
--

ARBEITSPLATZEFFEKT
Mobilization on whole area

KOSTEN DER IMPLEMENTIERUNG (EURO - €)
--

MEHR DETAILS

ANGESPROCHENE HERAUSFORDERUNG

--

DOMäNE

ART DER LöSUNG

Modellierung, DSS, Simulation, Optimierung

SCHLüSSELWöRTER

--

DIGITALE LöSUNG

Ja

INNOVATION

Ja

HERKUNFTSLAND

Deutschland

UMFANG DER ANWENDUNG

National

ANFANGS- UND ENDJAHR

2011 -

KONTAKTDATEN

EIGENTüMER ODER AUTOR

REPORTER

info@intend.de

REFERENCES AND RESOURCES

HAUPT-WEBSITE

http://www.intend.de/produkte/webline-mobile/weblinemobile/

RESSOURCEN

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PROJEKT-WEBSITE

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PROJEKT-REFERENZ

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PROJEKT, IN DESSEN RAHMEN DIESES FACTSHEET ERSTELLT WURDE

Rosewood

BEITRAGSDATUM

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