

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.

DETTAGLI

ORIGINE DEL LEGNO

foresta

TIPO DI LEGNO

Fusto

TIPO DI LEGNO IN QUESTIONE

All assortments

IMPATTO SULL'AMBIENTE E LA BIODIVERSITÀ

High positive as new tree species according soil and climate are initiated

EFFETTO SUL REDDITO

Positive

POTENZIALE DI SFRUTTAMENTO

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HUB

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IMPATTO ECONOMICO

High as there are forest systems stabilized

CONOSCENZE SPECIFICHE NECESSARIE

High regards referring IT-System

POTENZIALE DI MOBILITAZIONE

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

POTENZIALE SOSTENIBILITÀ - VALORE

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FACILITÀ DI IMPLEMENTAZIONE

Difficult IT-GIS-System

FACILITÀ DI IMPLEMENTAZIONE - VALUTAZIONE

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PREREQUISITI CHIAVE

Ready to use system for Bavaria state foresters

TIPO DI EVENTO IN CUI QUESTO BPI È STATO PRESENTATO

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EFFETTO SUL LAVORO

Mobilization on whole area

I COSTI DI ATTUAZIONE (EURO - €)

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PIÙ DETTAGLI

SFIDA RISOLTA

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PAROLE CHIAVE

--

PAESE D'ORIGINE

Germania

DOMINIO

SOLUZIONE DIGITALE

Sì

SCALA DI APPLICAZIONE

Nazionale

TIPO DI SOLUZIONE

Modellazione, DSS, la simulazione, l'ottimizzazione

INNOVAZIONE

Sì

INIZIO E FINE ANNO

2011 -

CONTATTI

PROPRIETARIO O AUTORE

REPORTER

info@intend.de

REFERENCES AND RESOURCES

SITO PRINCIPALE

<http://www.intend.de/produkte/weblines-mobile/weblinesmobile/>

SITO WEB DEL PROGETTO

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PROGETTO DI RIFERIMENTO

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RISORSE

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PROGETTO NELL'AMBITO DEL QUALE QUESTA SCHEDA È STATA CREATA

Rosewood

DATA DI INSERIMENTO

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

