# 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 initated

### 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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DOMINIO

TIPO DI SOLUZIONE

Modellazione, DSS, la simulazione, l'ottimizzazione

PAROLE CHIAVE

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SOLUZIONE DIGITALE

Sì

INNOVAZIONE

Sì

PAESE D'ORIGINE

Germania

SCALA DI APPLICAZIONE

Nazionale

INIZIO E FINE ANNO

2011 -

## CONTATTI

PROPRIETARIO O AUTORE

info@intend.de

REPORTER

## REFERENCES AND RESOURCES

SITO PRINCIPALE

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

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

18 Nov 2019

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## A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY