# 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.

## DETALJI

PODRIJETLO DRVA

Šuma

VRSTA DRVA

Deblo

ODGOVARAJUĆA VRSTA DRVA

All assortments

UTJECAJ NA OKOLIŠ I BIORAZNOLIKOST

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

UČINAK NA PRIHOD

Positive

POTENCIJAL ISKORISTIVOSTI

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SREDIŠTE

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GOSPODARSKI UČINAK

High as there are forest systems stabilized

POTREBNA POSEBNA ZNANJA

High regards referring IT-System

POTENCIJAL ZA POVEĆANJE UPORABE DRVA

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

POTENCIJAL ODRŽIVOSTI - VRIJEDNOST

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JEDNOSTAVNOST PROVEDBE

Difficult IT-GIS-System

JEDNOSTAVNOST PROVEDBE - EVALUACIJA

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KLJUČNI PREDUVJETI

Ready to use system for Bavaria state foresters

VRSTA DOGAđAJA NA KOJEM JE PRIKAZAN OVAJ BPI

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UČINAK NA ZAPOŠLJIVOST

Mobilization on whole area

TROŠKOVI PROVEDBE (EURO - €)

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## VIŠE DETALJA

**IZAZOV**

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**DOMENA**

**VRSTA RJEŠENJA**

Modeliranje, sustav za podršku odlučivanju, simulacija, optimizacija

**KLJUČNE RIJEČI**

--

**DIGITALNO RJEŠENJE**

Da

**INOVACIJA**

Da

**ZEMLJA PODRIJETLA**

Njemačka

**PODRUČJE PRIMJENE**

Nacionalna

**POČETAK I KRAJ GODINE**

2011 -

## KONTAKT PODATCI

**VLASNIK ILI AUTOR**

**IZVJESTITELJ**

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## REFERENCES AND RESOURCES

**GLAVNA WEB STRANICA**

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

**WEB STRANICA PROJEKTA**

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**REFERENCA PROJEKTA**

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**IZVORI**

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PROJEKT U OKVIRU KOJEG JE INFORMATIVNI LIST KREIRAN

Rosewood

DATUM UNOSA

18 stu 2019

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