

# 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

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### ORIGIN OF WOOD

Forest

### TYPE OF WOOD

Stemwood

### KIND OF WOOD CONCERNED

All assortments

### IMPACT ON ENVIRONMENT & BIODIVERSITY

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

### INCOME EFFECT

Positive

### EXPLOITATION POTENTIAL

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### HUB

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### ECONOMIC IMPACT

High as there are forest systems stabilized

### SPECIFIC KNOWLEDGE NEEDED

High regards referring IT-System

### MOBILIZATION POTENTIAL

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

### SUSTAINABILITY POTENTIAL - VALUE

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### EASE OF IMPLEMENTATION

Difficult IT-GIS-System

### EASE OF IMPLEMENTATION - EVALUATION

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### KEY PREREQUISITES

Ready to use system for Bavaria state foresters

### TYPE OF EVENT WHERE THIS BPI HAS BEEN FEATURED

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### JOB EFFECT

Mobilization on whole area

### COSTS OF IMPLEMENTATION ( EURO - € )

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## MORE DETAILS

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### CHALLENGE ADDRESSED

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### KEYWORDS

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### COUNTRY OF ORIGIN

Germany

### DOMAIN

### DIGITAL SOLUTION

Yes

### SCALE OF APPLICATION

National

### TYPE OF SOLUTION

Modelling, simulation, optimization

### INNOVATION

Yes

### START AND END YEAR

2011 -

## CONTACT DATA

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### OWNER OR AUTHOR

### REPORTER

info@intend.de

## REFERENCES AND RESOURCES

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### MAIN WEBSITE

<http://www.intend.de/produkte/weblin-mobile/weblinemobile/>

### PROJECT WEBSITE

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### PROJECT REFERENCE

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### RESOURCES

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**PROJECT UNDER WHICH THIS FACTSHEET HAS BEEN CREATED**

Rosewood

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18 Nov 2019

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

