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.

DETALHES

ORIGEM DA MADEIRA
Floresta

TIPO DE MADEIRA
Tronco

TIPO DE MADEIRA EM CAUSA
All assortments

IMPACTE NO AMBIENTE E BIODIVERSIDADE
High positive as new tree species according soil and climate are initated

IMPACTE NAS RECEITAS
Positive

POTENCIAL DE EXPLORAçãO
--

HUB
--

IMPACTE ECONOMICO
High as there are forest systems stabilized

CONHECIMENTOS ESPECIFICOS NECESSáRIOS
High regards referring IT-System

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

SUSTENTABILIDADE POTENCIAL - VALOR
--

FACILIDADE DE IMPLEMENTAçãO
Difficult IT-GIS-System

FACILIDADE DE IMPLEMENTAçãO
--

PRE-REQUISITOS CHAVE
Ready to use system for Bavaria state foresters

TIPO DE EVENTO EM QUE ESTE BPI TEM SIDO APRESENTADO
--

IMPACTE NO EMPREGO
Mobilization on whole area

CUSTOS DE IMPLEMENTAçãO (EURO - EUR)
--

MAIS DETALHES

DESAFIO ABORDADO

--

DOMíNIO

TIPO DE SOLUçãO

Modelação, sistemas de apoio à decisão, simulaçã, optimização

PALAVRAS-CHAVE

--

SOLUçãO DIGITAL

Sim

INOVAçãO

Sim

PAíS DE ORIGEM

Alemanha

ESCALA DE APLICAçãO

Nacional

ANO DE INíCIO E FIM

2011 -

DADOS DE CONTACTO

PROPRIETáRIO OU AUTOR

REPóRTER

info@intend.de

REFERENCES AND RESOURCES

WEBSITE PRINCIPAL

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

RECURSOS

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WEBSITE DO PROJETO

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REFERêNCIA AO PROJETO

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PROJETO NO âMBITO DO QUAL A FOLHA DE DIVULGAçãO FOI CRIADA

Rosewood

DATA DE ENTRADA

18 Nov 2019

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