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.

DéTAILS

ORIGINE DU BOIS
Forêt

TYPE DE BOIS
Grume

TYPE DE BOIS CONCERNé
All assortments

IMPACT SUR L'ENVIRONNEMENT ET LA BIODIVERSITé
High positive as new tree species according soil and climate are initated

EFFET SUR LE REVENU
Positive

POTENTIEL D'EXPLOITATION
--

HUB
--

IMPACT éCONOMIQUE
High as there are forest systems stabilized

CONNAISSANCES SPéCIFIQUES REQUISES
High regards referring IT-System

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

POTENTIEL DE DURABILITé - VALEUR
--

FACILITé D'IMPLéMENTATION
Difficult IT-GIS-System

FACILITé D'IMPLéMENTATION - ÉVALUATION
--

PRéREQUIS CLéS
Ready to use system for Bavaria state foresters

TYPE D'éVéNEMENT Où CETTE ICPE A éTé PRéSENTéE
--

EFFET SUR L'EMPLOI
Mobilization on whole area

COûTS D'IMPLéMENTATION (EURO - €)
--

PLUS DE DéTAILS

DéFI CONCERNé

--

DOMAINE

TYPE DE SOLUTION

Modélisation, DSS, simulation, optimisation

MOTS-CLéS

--

SOLUTION DIGITALE

Oui

INNOVATION

Oui

PAYS D'ORIGINE

Allemagne

ECHELLE D'APPLICATION

Nationale

DéBUT ET FIN D'ANNéE

2011 -

INFORMATIONS DE CONTACT

PROPRIéTAIRE OU AUTEUR

RAPPORTEUR

info@intend.de

REFERENCES AND RESOURCES

SITE WEB PRINCIPAL

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

SITE WEB DU PROJET

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RéFéRENCE DU PROJET

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RESSOURCES

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PROJET SOUS LEQUEL CETTE FICHE D'INFORMATION A éTé CRééE

Rosewood

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