Local Governments in Europe

An ESRI Microsoft Case Study
Introduction

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39 local authorities

habitants: > 130,000
area: 1,510 km²
frontier: 72 km
peak: 1,500 m
lowest point: 300 m
The inter communal GIS of the rural district Cham

… a GIS for the district office, municipalities and many more
What are the benefits of a communal geodata infrastructure?

A real eGovernment is not conceivable without GIS!

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The benefits of the integrated ESRI ArcGIS world

There are some descriptive examples
I. The benefits of a centralized conception
Communal intranet

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Structure of privileges

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Connection via Terminal Server

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Connection via Web Mapping

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Connection via Data Access

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Web Services

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II. The benefits of a Citrix framework

more examples will be shown during the lecture
Cadastral applications with individual-related data

1. Who is the owner of a parcel
   *(DFK & ALB)*

   und

2. Who lives in the related buildings
   *(EWO & Address coordinates)*

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Area statutes
III. The benefits of ArcGIS Server

more examples will be shown during the lecture
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IV. The benefits of the PPP-Model with Microsoft

There are two descriptive examples
1st: Tourism
The integration of Virtual Earth with regional tourism data

… the web GIS of the tourism association of eastern Bavaria

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Available tourism data
Biking- and hiking maps
- Cycle ways
- Hiking trails
- POI

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GIS Routes
(network nodes and linear referencing data)
- Cycling
- Hiking
- Skiing
- Nordic walking
- Canoeing, etc.

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Technical conception
Recent approach

- Hoteliers: DB, dynamically, XML
- Events: DB, dynamically, XML
- Regional geodata: DB, dynamically, WMS & XML
Integration of regional geodata

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Benefits

- Rendering via map services
- Datum transformation und map projection via projection services on the fly
- Data export is not applicable
- Automated map publishing via web services
- Updating in real time

![Microsoft Logo](Microsoft.jpg)
Web application
http://maps.bayerischer-wald.de/
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2nd:
GIS integration in eGovernment workflows

more examples will be shown during the lecture
… the 25th copy within the 27th alteration ...

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... leads to ...

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Workflow without any media breaks

Create a document via templates

Personalization

Integration of geo data

Sign digitally

archive legally compliant
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More information

http://www.landkreis-cham.de/

http://local.live.com