



Geoinformation in Support of Decentralization and Community Empowerment

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 CODI III, May 10-17, 2003

Preliminary Remarks

At least 80% of public and private decision-making is based on some spatial or geographic aspects
The ISO BULLETIN, July 2001

..... to make relevant (geo) information available and accessible to decision makers and the general public in a form that is ready for use
Objectives of CODI III, 2003

Good Governance requires transparencies and community participation in the decision process
Information Note, CODI III, 2003

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Content of Presentation

- Selected Issues of Geoinformation
 - Required Data for Decision-making in Land Management
 - Data Acquisition
 - Data Distribution
- Conclusions and Requirements related to Geoinformation Support for Decentralisation and Community Empowerment

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Geoinformation

Geodata is a collective term for all kinds of data with a spatial reference.

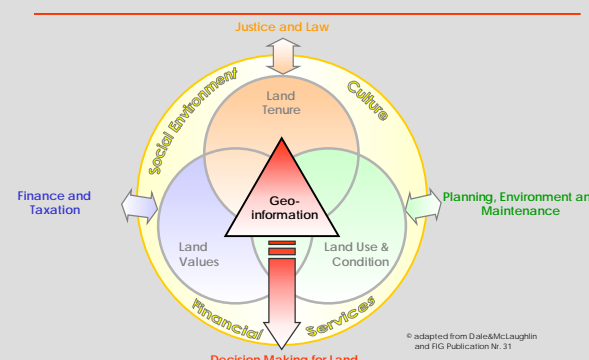
GD	Spatial Reference Geodetic Reference System Units of Administration Addresses Geographic Names ...	Thematic Data Physical Data Economic Data Ecological Data Social and Cultural Data Legal Data ...
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Geoinformation (Geographic Information, GI) is the result of **Geodata** and **Knowledge** (aggregation, fusion, combination, filter, models, etc.)

GI
+
Geodata
+
Knowledge

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Required Data for Decision Making






Decision Making for Land
 Administration and Land
 Development

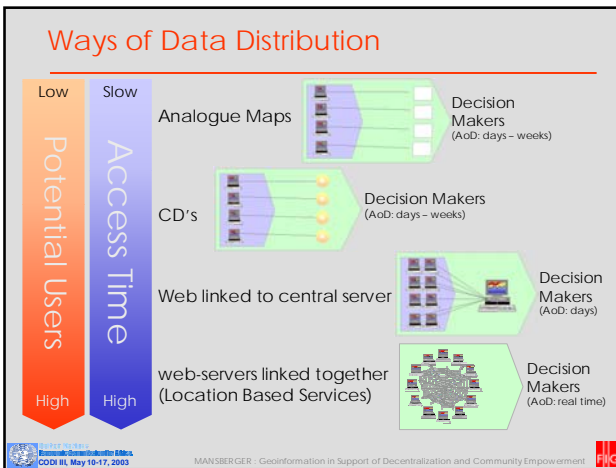
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 and IG Publication N. 31

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New Systems and Methods of Geodata Acquisition

- GPS 
- Laser scanning (airborne or terrestrial systems) 
- High resolution digital image data (radar imageries, SPOT, QUICKBIRD) 
- Semiautomatic and automatic image processing (Pattern recognition)

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Web-Access to Geoinformation in Austria: National Level ... Cont'd

GRUNDBUCH 01002 Alsergrund EINLAGEZAHL 867
BEZIRKSGERICHT Josefstadt
Letzte TZ 7204/1984 ABFRAGEDATUM 2000-02-01

***** A1 *****
Gst-Nr G BA (NUTZUNG) * FLACHE GST-ADRESSE
1 1114
Baufl. (Gebäude) 1035
Baufl. (befestigt) 279 Garnison, 14-16
Schwarzspanierstr. 13

***** A2 *****
1 a 8021/1976 Bauplatz (auf) Gst 1
2 a 7206/1984 Denkmalschutz hins Haus auf Gst 1
1 JANTEIL: 1/1
Evangelischer Verein für Studentenheime
ADR: Garnison, 14-16 1090
a 7922/1963 Kaufvertrag 1960-11-25 Eigentumsrecht
b 9233/1963 Verkaufungsverbot

***** C *****
1 a 9233/1963 Schuldschein 1963-12-06 9,100,000,-
PFANDRECHT
1 1 2, 6 1 VuZZ, NOS 910.000,- für Stadt Wien

***** D *****
2 a 9233/1963
VERÄUSSERUNGSVERBOT gem WBFG 1954 für Stadt Wien
***** SINNEIS *****
Eintreibungen ohne Währungsbeziehung sind Beträge in ATS
GEBÜHR: ATS 11,70 ***** 2000-02-01 10:20,06664 BA ***** ZEILEN: 1/1

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- ### Conclusions and Requirements related to GI Support for D & CE
- There is a strong need on geographical information for public and private decision making.
 - Geoinformation is part of infrastructure in a country.
 - Implementation of spatial data infrastructure requires cooperation between the private and the public sector and amongst all professions involved in land management
 - Decentralisation and Community Empowerment (D&CE) demand detailed geoinformation.
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- ### Conclusions and Requirements related to GI Support for D & CE. ... Cont'd
- D&CE require data access for an increasing number of users.
 - D&CE demand experts of geoinformation on a local level.
 - D&CE require a specific geodata policy.
 - D&CE require data exchange between different levels of public and private institutions.
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What remains to be said

Cooperation is needed to meet the challenges of sustainable land management:

The objective of International Federation of Surveyors FIG as defined in its statutes are:

- 1)
- 2) To collaborate with the United Nations and other international and regional agencies in the formulation and implementation of policies affecting the use, development and management of land and marine resources
- 3-8)

FIG Statutes

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What remains to be said

. . . Thank You for Your Attention

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