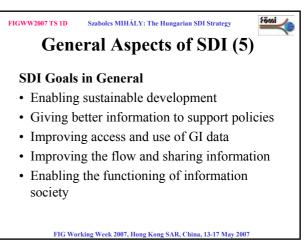


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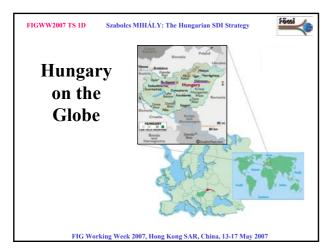
# **General Aspects of SDI (6)**

# **SDI Operation in General**

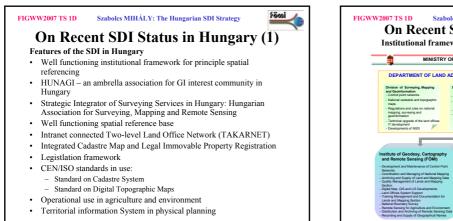
- · Provides spatial information services
  - From a wide ranges of sources
  - From local to global
  - In interoperable way
- Target users includes policy makers, planners and managers
- Addresses both technical non-technical issues

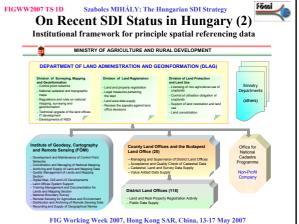
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# FIGWW2007 TS 1D Staboles MIHÁLY: The Hungarian SDI Strategy General Aspects of SDI (7) SDI Levels Geographical/Managerial/Functional/Resolutional • Global, e.g. GSDI, UNSDI • Regional, e.g. the European INSPIRE • National, e.g. Hungarian NSDI • Local SDI-s









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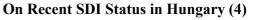
# On Recent SDI Status in Hungary (3)

### Legistlation framework for spatial referencing

- · Act 1996 LXXVI OF THE HUNGARIAN PARLIAMENT on the surveying and mapping (under revision) +the respective ministerial derectives)
- · Act 1977 CXLI OF THE HUNGARIAN PARLIAMENT on the real estate registry (+ the respective ministerial directives)
- · Act on Land Parcel Identification System
- · Act on the Hungarian Lands
- · Acts of different sectors of the Hungarian economy and society
- · Act on Territorial Information System in Physical Planning
- Governmental document of the Hungarian National Spatial Data Infrastructure Strategy (NTIS) - under preparation

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# Information Society and e-Government

# Legistlation framework

- Hungarian Constitution, Act 1949.XX
- Act 2005 XC OF THE HUNGARIAN PARLIAMENT of July 2005 on the free flow of e-information
- Act 2004 CXL OF THE HUNGARIAN PARLIAMENT on The Public Administration procedure
- Directive 1044/2005 (V.11) OF THE HUNGARIAN GOVERNMENT on The Actual e-Government Duties of Modernizing the Public Administration

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# On Recent SDI Status in Hungary (5)

## Availability of Data for Common Spatial Referencing

- · Well maintained geodetic control network
- Digital Immovable Property Registry data, full coverage, 1-day actual
- Digital Vectorised Cadastral Data, full coverage, 1-day actual
- Digital Topo Map 1:50k, full coverage
- Digital Topo Map 1:10k, full coverage
- Digital orthophoto (2000, 2005), full coverage
- Rich aerospace imagery achive
- Land cover database (1:100k two epocks, 1:50k), full coverage
- Nation-wide Land use data base
- Land Parcel Idenfitication System, full coverage
- Vinegard Registration, full coverage
- · Active GNSS Network recentrly introduced + EUPOS cooperation
- · All NUTS Administrative boundaries database, Bomonth-actualization

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The SDI Strategy (Future) in Hungary (1)	The SDI Strategy (Future) in Hungary (2)		
Vision Elements of the Strategy Organizational Framework for Realization The Program of Realization of NSDI – Main fields of program intervensions – Objectives in figures Milestones of the Strategy	<ul> <li>Vision: The Hungarian NSDI will be</li> <li>Providing tool for public administration, self-government and state government <ul> <li>To enable sustainable development/envoronment</li> <li>To improve quality of citizens life</li> </ul> </li> <li>Providing coordinated, cooperating and costefficient creation, acquisition, access and usage fo GI data (view, interactive use, download)</li> <li>Improving the flow and sharing the information by improved and coordinated/cooperating data policy (financing, pricing, balancing)</li> <li>Promoting to decrease the State's role in financing the matter and to grow the income of the SDI-players</li> <li>Being effective actor, engine and resource of the information society</li> </ul>		
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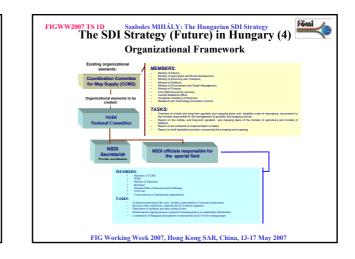
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# The SDI Strategy (Future) in Hungary (3)

# Elements of the Strategy

- Establishing the organizational framework for creation and operation of the Hungarian NSDI
- Revision of legal background and data policy ٠
- Harmonization of Spatial data standards and data base specifications with the EU ones
- Creation and maintenance of the data spatially referencing the geographic information as needed for operating the Hungarian NSDI
- · Metadata services and access to spatial data
- Knowledge based GI applications and GI tools for • education
- Cooperation with EU institutions and working groups of ٠ relevance.

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### FIGWW2007 TS 1D Szabolcs MIHÁLY: The Hungarian SDI Strategy

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# The SDI Strategy (Future) in Hungary (5) Main fields of interventions in an NSDI realization program

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- Assessment of the legal background and existing GIS ٠
- Elaboration of the principles of operating the NSDI, elaboration of alternative ways. Making the decision.
- Spatial data standardization

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- Elaboration, enforcing and implementing a commonly usable data policy
- Modification of the respective elements of the legal background
- Correct specification of informatical architectures and tools
- Designing the roles of procedure in SDI
- Designing and completing the application software
- Designing and/or adapting the publis administration GIS •
- Creation and/or harmonization of the respective e-content .
- Purchasing and installing the hw/sw and other tools
- Training and aducation.

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### The SDI Strategy (Future) in Hungary (6) Objectives of the NSDI Realization Program expressed in figures

Objectives	Year of comparison 2005	Year of performance 2013	
Existance level of Organizational Framework	10 %	100 %	
Readiness of the legal backround and data policy	10 %	100 %	
Readiness of spatial data standards	20 %	100 %	
Readiness and currency of the spatial referencing and the thematic databases	20 %	100 %	
Readiness of metadata	30 %	100 %	
Readiness of training and education knowledge	30 %	100 %	
Number of institutions involved into the NSDI in a regulated way	??	Owners of principle spatial data	
Satisfaction of users of GI public services	30 %	80 %	

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IGWW2007 TS 1D Szaboles MIHÁLY: The Hungarian SDI Strategy The SDI Strategy (Future) in Hungary (7) Milestones of the Strategy					
Deadline	M ilestones of EU	National milestones			
M ay 15. 2007	The IN SPIRE directive of EU coming into force	Lunch of Governmental Decree on Hungarian NSDI Strategy			
2007 + 3 months	Establischment of the IN SPIRE Committee	Representation in the EU IN SPIRE Committee			
2007	Acceptance of the introduction rules				
2007-2008		National acceptance of the introduction rules. Preparation of the necessary rules of law			
2007-2014		Development of spatial datasets in the frame of Hungarian National Development Agency			
2009	Nomination of officials responsible for spatial datasets				
2007		IN SPIRE Directive put into force nationwide			
2009	The monitoring syste	m is ready for services			
2009	N etwork services are operated				
2010	M etadata of spatial referen	nce core data are accessible			
2011	the harmonised data specification				
2012	Acceptance of the harmonised of reference core data and themati	c spatial datasets			
2013	M etadata of them atic spatial dat				
2014	The datasets of thematic spatial the harmonised data specification	on are available			
2014	Report of the Committee for submission th the Parliament of	Report to H ungarian G overnment and Parliament			

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