

## INSPIRE in Sweden – An Important Part of the National Geodata Strategy



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Ministry of the Environment



## Appropriation Directions for 2007

**A commission to investigate the necessity to adjust the Swedish legislation in accordance with the INSPIRE directive.**

**A final report shall be presented to the Ministry of the Environment by the end of October 2007.**



Ministry of the Environment



## Why regulate?



To guarantee a commonly accepted balance between the needs to protect important interests in society and the user's needs of easy access to the actual information.

- Security
- Vulnerability
- Integrity
- Copyright

To clarify the distribution between rights and duties.



## The needs for national legislation

- creation of metadata
- distribution of spatial information via net-services
- data-sharing between public authorities
- rights for the public to access data
- secrecy and security
- co-ordinating structure, authority and composition



## Implementation of the Inspire directive in Swedish legislation

- Ministry Publication June 2008
- circulation for comments June - August 2008
- proposal to the Council on Legislation January 2009
- Government Bill February 2009
- Parliament Decision April 2009
- come into force 15<sup>th</sup> May 2009



## National Geodata Strategy



Ewa Rannestig, Lantmäteriet



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## Lantmäteriet's role as coordinator

- National responsibility for coordination of basic geographic information and property information (geodata).
- Coordination and support to implementation of EC Directives within the GI sector.



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## The Geodata Advisory Board

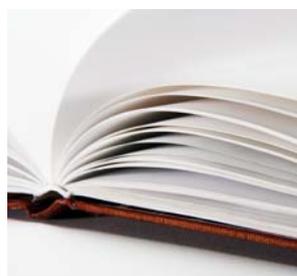
- Lantmäteriet (National Land Survey), chair
- A representative from County administration
- A representative from the Municipalities
- Geological Survey of Sweden
- Swedish Association of Local Authorities and Regions
- Swedish Road Administration
- Swedish Development Council for GI
- Swedish Meteorological and Hydrological Institute
- Swedish Maritime Administration
- Swedish Armed Forces
- Environment Protection Agency



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## Key principles

- Based on user-demands
- Flexible and easy adjustment to meet new requirements
- Efficient and cost-effective provision of information
- Co-operation
- Support the development of private sector
- Contribute to e-governance
- International - INSPIRE



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## Influencing factors

- EC-directive INSPIRE
- EC-directive concerning re-use of public information (PSI)
- Other EC-directives and European initiatives
- National investigations
- Development projects
- The government's action plan for e-governance
- User demands



## Action areas



Co-operation



Information  
structure



Technical  
infrastructure



Metadata



Geodetic  
reference  
systems



Research,  
development  
and education



Legal  
framework



Financial and  
price models





## Co-operation

- Co-operation in networks as basis for the infrastructure
- Co-operation between public sector authorities and the private sector
- A common model for co-operation will be developed



## Information structure

- The exchange of information should be based on a homogenous, general framework with uniform descriptions of the information and services.
- A description of the demands that should be placed on datasets for use in a national infrastructure for geodata will be prepared.





## Technical infrastructure and Metadata

- A national Geodata portal
- Service oriented architecture and processes
- Communication based on common standards
- National metadata for geodata and services shall be available
- A Swedish profile for the metadata standard ISO 19115



## An action programme for R&D and education

- Better national overview and cooperation
- Clarify responsibilities for research
- Create international cooperation
- Stimulate the development of private sector
- Meet the competence needs

