

A National Programme for Spatial Data Research

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 **Geodata**
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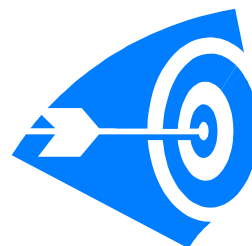
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Strategic goals

Sweden should have a system of co-ordinated R & D activities directed towards supporting the development of the SDI.

These activities should be based on the need and possibilities for international co-operation.

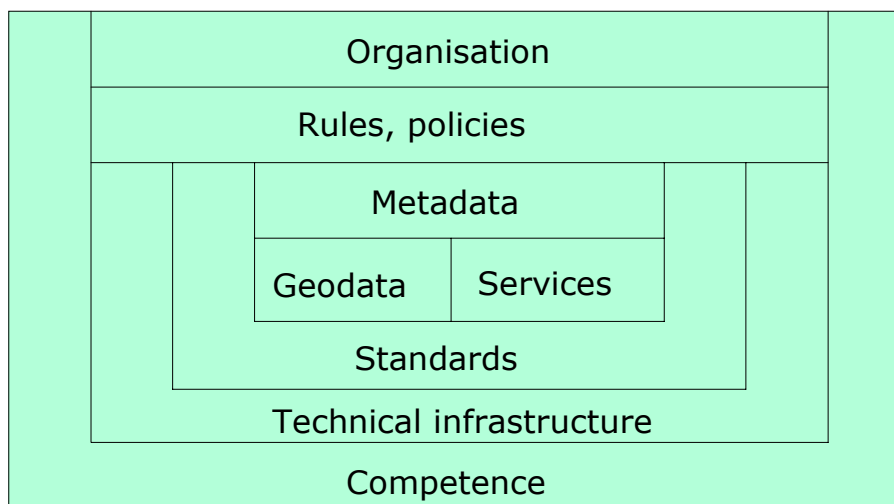
The provision of competence in the geodata sector, on the long-term, should be ensured through well-adapted basic and higher education and further training.



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2

Infrastructure for geodata



The action programme includes

- A description of the needs for research, development and training in the geodata sector, with focus on SDI
- An overview of on-going research, development and training (including how it is organised and financed)
- An international comparison
- An overview of the support for R&D and training in Swedish as well as EU 's funds and programmes
- An analysis of the deficiencies that may exist
- A presentation of proposals – expressed as strategic goals and tangible efforts – to improve the pre-conditions

The purpose of the action plan

To encourage the different bodies – users and producers of geodata, research and development bodies, research councils and decisions makers – to contribute to improving the pre-conditions for Swedish research, development and training in the geodata sector.



Prioritised activities

- Create a better national overview and develop better co-operation
- Clarify the responsibilities for research within the geodata sector
- Create a list of R&D funding for project which support the Geodata Strategy
- Develop better international co-operation
- Establish test environments
- Stimulate development in the private sector
- Ensure that the necessary competence is available

Some examples of R&D needs

- Co-operation in networks
 - models for co-operation
 - models to follow up the use and benefit of the SDI
- Information structure
 - methods for test and validation of specifications
 - schema translation
 - methods for multiple representation
 - re-engineering of old databases
- Technical infrastructure
 - development of service-oriented processes
- Metadata
 - methods for evaluation and quality descriptions
- Digital Rights Management
- Cost/benefit analysis

Results by efficient team work

