

# Swedish GeoTest Initiative Supports Safer Use of Geodata for Authorities, Municipalities, Vendors and Citizens

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*En investering för framtiden*

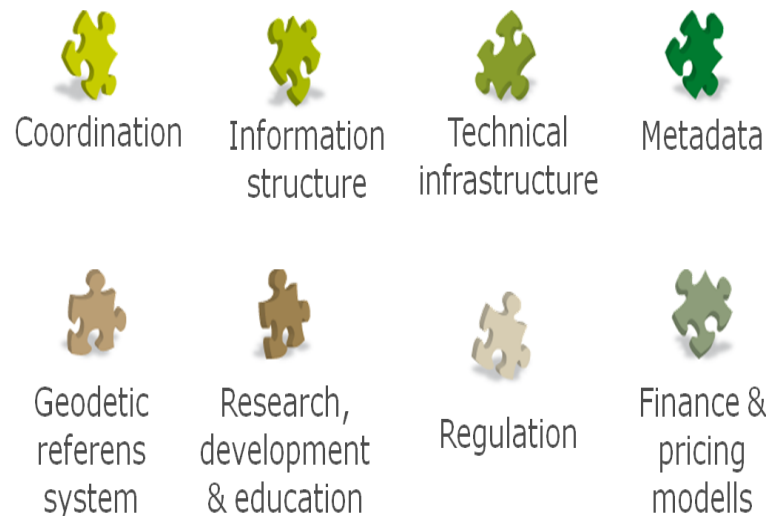


future  
position | ~~60°40'17" North  
17°06'29" East  
213.141.90.204~~

## Development within the INSPIRE directive

The initiative was launched as a joint venture between Lantmäteriet, FPX and the GIS-institute at University of Gävle.

It should contribute to building up an infrastructure for geodata and to the implementation of the INSPIRE directive in Sweden.

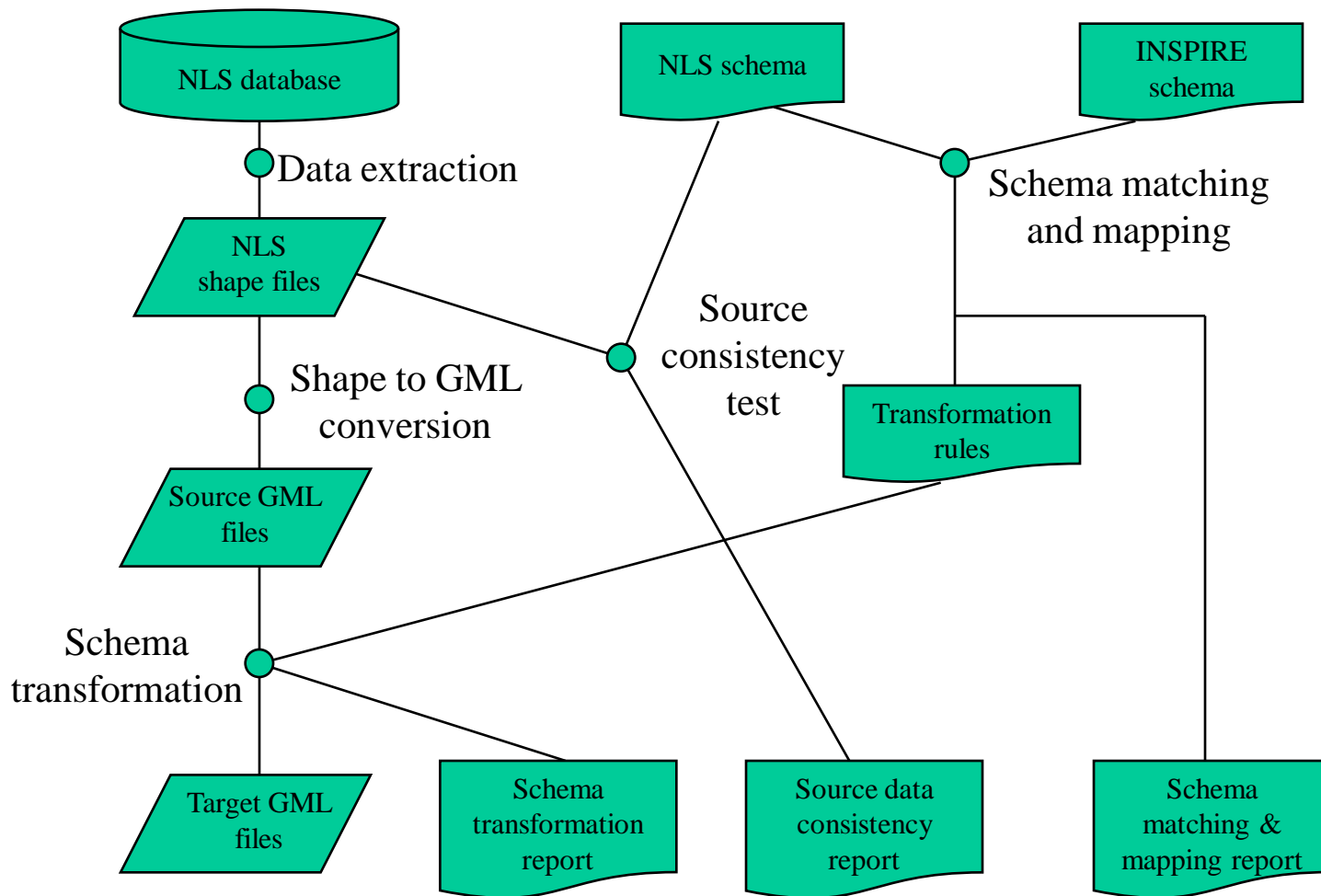


The main objective is to establish and validate an independent testing facility for testing geodata at FPX in Gävle, Sweden before January 2011.

- \* *Expert Competence Centre* nationally – recognised internationally
- \* Packaged products and services – licenses for authorities, vendors and consultants to use for in-house testing
- \* GeoTest should be on the market - identified customers

*Transformation tests within INSPIRE directive  
Annex I for Lantmäteriet.*

Five out of nine themes → *Addresses*  
*Cadastral areas*  
*Transport network*  
*Geographical names*  
*Hydrography*  
And → *Metadata*



*INSPIRE demands that the data specifications shall be balanced with respect to costs and benefits*

Transformation tests: Can the member states deliver data according to the specifications? At what cost?

Application tests: Are the data specifications useful? Which benefits do they generate?

*The SDI society should be able to expect some guarantee in quality, accessibility and usability of geodata.*

- Testing will increase accessibility and ensure the acceptance
- Communication between end users and project administration
- Ensures presence of required characteristics and requirements
- An input for new versions and development
- Evaluate the feasibility and CBC
- Testing results will increase the confidence among partners and users of GIS-Arena
- Increase added value, benefits, service provided and satisfaction
- Guarantee against error, integrity, metadata, and reliability
- Conform to national ( **SIS/Stanli**) and European ( **INSPIRE**) standards



- There is a need for testing to meet INSPIRE demands in compliance, performance, data quality and cost/benefit considerations.
- GeoTest has performed *transformation testing* and have validated the methodology, transformation rules and the testing process. We build the next step of GeoTest activity model / business model on these verifications.
- Tested metadata do not comply to any standard.
- We prepare to meet Pan-European demands to cooperate within Persistent Test Bed, PTB in Europe.

- *Development of new methods to meet INSPIRE demands*
  - Application
  - Performance
- *Validation of methods - setting up use cases*
  - Swedish Road Administration/Transport network
  - Lantmäteriet
  - Geological Survey of Sweden
  - GIS-Arena
  - And more...
- *Development of a suitable model for operation and maintenance after 2010*
  - Business
  - Pricing
  - Independent part for certification and licensing

Thank you for your attention!

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[www.geotest.se](http://www.geotest.se)