Investing in Infrastructure
- an approach to evaluate INSPIRE in Sweden

INSPIRE Conference 2010, Krakow, Poland
Anders Rydén,
Lantmäteriet, Sweden
INSPIRE

- Among the most important
- Identified, quantified and related benefits
- General societal interest
- Pioneering study
A framework

Data

Legislation

Price and conditions

Responsibilities/organisations

Barriers for data-sharing are eliminated

Data is standardised and compatible

Development of services

Accessibility

Conformity
Desktop study

- NSDI Co-ordination Unit at Lantmäteriet
- Two different perspectives
  - Technical
  - User
Sustained funding

The government as a financier

Effects

Sector X
Sector Y

Benefit to society

Authorities
Municipalities
Citizens
Private companies

Identified benefits

Measurable indicators

Return on investment

Calculated benefits
Desktop study

• NSDI Co-ordination Unit at Lantmäteriet
• Two different perspectives
  • Technical
  • User
• Two important criteria’s
  • Society as a whole
  • Allow follow-ups over time
The society as a whole

Ministry of Agriculture
- Agriculture
- Forestry
- Fisheries
- Reindeer husbandry
- Game management
- Etc.

Ministry of Defence
- Defence policy
- National accident prevention
- Peacetime emergencies
- Etc.

Ministry of Culture
- Culture
- The media
- Sports
- Etc.

Ministry of the Environment
- Climate policy
- Environmental quality
- Nature conservation
- Biological diversity
- Water and seas
- Etc.

Ministry of Education and Research
- Schools
- Universities
- Research
- Etc.

Ministry of Enterprise, Energy and Communications
- Business sector
- Energy
- Communications and infrastructure
- Regional development
- Etc.

Ministry of Employment
- Labour market policy
- Working life policy
- Etc.

Ministry for Foreign Affairs
- Foreign policy
- Etc.

Ministry of Finance
- Economic policy
- Taxes
- Banking
- Security and insurance
- Etc.

Ministry of Health and Social Affairs
- Financial security
- Social services
- Medical and health care
- Health promotion
- Etc.

Ministry of Integration and Gender Equality
- Democracy issues
- Gender equality
- Human rights
- Migration and asylum
- Etc.

Ministry of Justice
- Police authorities
- Judiciary system
- Prisons service
- Migration and asylum
- Etc.
Follow-ups over time

Concentrate on processes that have been implemented. Difficult to visualise and evaluate benefits from processes that doesn't as yet exist.

Know the past - predict the future
Know the past...

- Process stock taking
  - In-house meetings
  - Questionnaires
- Identify benefits
- Identify indicators
...predict the future

- Identify problems
  - Meetings in-house
  - Questionnaires
- Identify benefits
- Extrapolate
Follow our work on www.geodata.se

Geodata.se is a portal for web based geodata and services. The portal is under construction and this is the first version.

Geodata.se contains metadata that makes it possible to search, locate, view and download geodata from different sources that are physically stored in different environments. Geodata.se is also the main node for the Swedish cooperation in Europe in accordance with the INSPIRE directive.

Geodata.se can be used to:

- find geodata sources
- view details of found data sources and information on how to gain access to them
- directly view the data and map resources you have found
- create, upload and administer metadata for geodata and services produced by your organisation.