Connecting The Netherlands to the INSPIRE network; Experiences and challenges

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Geonovum Netherlands SDI executive committee
Content

- Role of Geonovum in INSPIRE
- Gideon
  - Inspire relations
  - Dutch National geo-register
Implementation in the Netherlands

Role Geonovum as programme office INSPIRE:

- coordination, stimulation and support of the parties directly involved
- daily operation of programme
- formal INSPIRE point of contact for the Netherlands
INSPIRE programme 2009 and 2010

- Communication
- Facilitating and contributing to National and European regulation and legislation.
- Implementation of services: incl. INSPIRE portal.
- Implementation support: education and training; monitoring and reporting; use cases.
Approach to the key geo-information facility for the Netherlands (GIDEON)

Within four years, through the continuous improvement of services, the Netherlands will have a key geo-information facility that all parties in society will use sustainably, successfully and intensively:

1. the public and businesses will be able to retrieve and use all relevant geo-information for any location;
2. businesses will be able to add economic value to all relevant government-provided geo-information;
3. the government will use the available information for each location in its work processes and services;
4. the government, businesses, universities and knowledge institutes will collaborate closely on the continuing development and enhancement of the key facility.
GIDEON - Implementation strategies

- Integration of geo into e-services
- Statutory key geo-registers
- INSPIRE implementation
- Supply Optimization
- Chain cooperation
- Value creation
- Knowledge, innovation and education
GIDEON - Implementation strategies

- Inspire in Dutch e-government Architecture
- Geo-standards on basic list e-government
- Integration e-government- and geo-standards
- Geo in e-government facilities

Integration of geo into e-services

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### GIDEON - Implementation strategies

- Key geo-registers are Inspire sources for several theme’s.
- Key geo-registers:
  - Building
  - Addresses
  - Parcels
  - Topography
  - Geology
  - Soil

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GIDEON - Implementation strategies

- Ministry of Building, Spatial planning and Environment, is responsible
- Program office – Geonovum
- Work in progress
  - one placeholder for each Feature Type
  - INSPIRE cookbook (wiki)
  - experts
  - Implementation infrastructure (data specification, services and NGR)

Integration of geo into e-services
Statutory key geo-registers
INSPIRE implementation
Supply Optimization
Chain cooperation
Value creation
Knowledge, innovation and education
Dutch National GeoRegistry

- Yellow Pages: searching, finding and publishing online geo-information in the Netherlands
- a geographic search engine
- a web mapping viewer
- publishing tools for data providers
- INSPIRE portal: metadata & search options
Dutch National GeoRegistry
Dutch National GeoRegistry

- Geonetwork 2.2 + modifications → migration to Geonetwork 2.4
- Customized Web frontend
- Connecting INSPIRE
- Metadata catalogue:
  - CSW 2.0.2 – ISO AP 1.0.0
  - Including SOAP
GIDEON - Implementation strategies

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• Again: Nationaalgeoregister
• PDOK
Inspire services for data themes PDOK organisations

PDOK Diensten
- Data services
- Business services
- Metadata services

Overige Diensten
- Data services
- Business services
- Metadata services

Functioneren ‘Publieke Dienstverlening op de Kaart’
**PDOK NGR OTAP Roadmap**

**PDOK releases**
- 1-4-2010
- 1-5-2010
- 1-6-2010
- 1-7-2010
- 1-8-2010
- 1-9-2010
- 30-9-2010

**Professionaliseren Beheer**
- 1-4-2010
- 1-5-2010
- 1-6-2010
- 1-7-2010
- 1-8-2010
- 1-9-2010
- 30-9-2010

**Overdracht Kadaster**
- 1-4-2010
- 1-5-2010
- 1-6-2010
- 1-7-2010
- 1-8-2010
- 1-9-2010
- 30-9-2010

**Voorbereiden / Inrichten**
- Werking NGR op PDOK standaard stack gevalideerd
- NGR O & T ingericht en in gebruik (tbv r1.7)
- NGR A & P ingericht; A in gebruik
- NGR A & P ingericht; A in gebruik
- NGR 1.7 live op P

**Monitoren / Bijsturen**
- Huidige A & P omgeving ontmanteld
- Formeel NGR beheer Kadaster (O, T, A, P)
GIDEON - Implementation strategies

- Integration of geo into e-services
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GIDEON monitoring

IMPLEMENTATIESTRATEGIEEËN:

1. Inbedding GEO in e-Overheid
   - Afspraken
     - Taakverdeling
     - Planning
   - Afspraken
     - Implementatie
     - NUP

2. Wettelijke GEO-basisregistraties
   - Besluitblijvende invulling
   - Bewerking
     - RIK
   - Verplicht gebruik
     - NLT / NIK
   - Besluit BGT

3. INSPIRE
   - INSPIRE Vetting
   - Implementing rules services beschikbaar
   - IT data specifications Annex I

4. Aanbodoptimisatie
   - Vaststelling
     - Strategisch Toekomstscenario
   - Vaststelling
     - Plannen van aanpak

5. Ketensamenwerking
   - GDI & RGI operationeel voor landelijke gebruikers

6. Waardecreaties
   - Wetsvoorstel M&O
     - Naar TK
   - Wetsvoorstel M&O

7. Kennis, innovatie en educatie
   - Strategisch Toekomstscenario
   - Enda RGI-projecten
   - Agenda GI-besluit

8. Coördinatie, sturing, regie c.q.
