Partnership building is a crucial element of the Dutch NGII

From Pharaohs to Geoinformatics
FIG Working Week 2005 and GSDI-8
Cairo, Egypt April 16-21, 2005

Prof. Bas Kok
Delft University of Technology

Infrastructural framework (1992)

Administrative Link Geometric
- population address - 1:10,000
- cadastre address - 1:1000/2000
- enterprise topographic set
- buildings

Authentic registrations

- One place of the information
- One authority is responsible
- Every has to use this information
- First registrations of geo-information formalized by law

The Dutch standardisation approach: semantics
Conceptual view on development of NGII

Maturity of SDI from an organisational perspective: Dutch NGII

Current partnership building for the sound Dutch NGII

Case 1:

“Space for Geo Information Program” for innovation of the NGII €20 million government grant available

Program is successful:

- Consortium partners have generated €13 million and €7 million was needed
- Quality of the consortia is very good: 30% is private sector money
- Ideal mix of consortium partnership building

In future more focus on:

- Emphasis international participation
- Societal issues and interaction with citizens
- Strategy building on communication of “knowledge results” and results scientific community

Strategic framework Space for Geo Information

Innovation NGII and participation in Dutch geo knowledge network

More demand oriented

More communication and knowledge interaction

More outreach

More innovation

More coherence

Robust business

Better service provision and interaction with citizens

Adequate and efficient administration

Top R&D international

Source: Space for Geo Information Foundation
Examples of current partnership building for the sound Dutch NGII

**Case 2: Partnership Digital Spatial Plans in the entire Dutch administration: DURP**

Initiative of the Department of Housing Building Spatial Planning and Environment in cooperation with the Dutch public geo partners:
- Department of Interior
- Municipalities
- Provinces
- Water boards
- Rivi

---

**Case 2: Partnership Digital Spatial Plans in the entire Dutch administration: DURP**

**Steps:**
- From maps to digital plans
- New legal planning process
- Developing standards (Ravi)
- Portal building (Ravi)
- Extension NGII: New digitized spatial plans on national, regional and local level

---

**Case 2: Partnership Digital Spatial Plans in the entire Dutch administration: DURP**

**Problems:**
- Lack of funding
- Problems in linking spatial plans with NGII/Authentic Registration vision

---

**Case 3: Large Scale Basic Map (GBKN)**

- Public Private partnership
- GBKN negotiates being qualified as authentic registration

---

**Base Map Emmeloord**
Case 3: Large Scale Basic Map (GBKN)

Key question: Who pays authentic registration ambition?

- Financial issues
  Investment production costs: € 200 million
  Exploitation costs: € 21 million
- Private Companies investing 40%

Webservices

- Ordering small parts
- Viewing
- MMS: update signals
Case 3: Large Scale Basic Map (GBKN)

Scenario’s:
1. Current public private partnership extended by government participation
2. Steering role by the department of Housing and Building

Decision by the Secretary of Housing and Building expected at the end of 2005

Conclusions
Organisational issues and partnerships crucial development SDI’s
• Case 1: Space for GeoInformation program partnerships conditions for
  • Demand driven approach
  • More focus on international issues
  • Sound Scientific results

Active role all GI players innovation process NGII

Conclusions
Organisational issues and partnerships crucial development SDI’s
• Case 2: Digital Spatial Planning Partnership
  • Modernisation legal/organisational Spatial Planning process
  • Digitalisation spatial plans
  • Participation geo-community and NGII

Execution in close cooperation with the Dutch GI-sector

Conclusions
Organisational issues and partnerships crucial development SDI’s
• Case 3: Negotiations partnership GBKN/government

Open communication process GBKN and government for authentic qualification

Conclusions
Sound SDI means:
GI community real player in public domain!