“The Map Supply”
- a new way of providing a national geodata infrastructure

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The national geodata infrastructure
• KMS got the responsibility by government resolution 2001
• KMS’ current focus
  1. Ensure the society has access to nationwide and coherent geodata,
  2. Standardization and co-ordination
  3. Accessibility and use of data

Geographic infrastructure

The web-service perspective

KMS’ Internet distribution strategy
• KMS maps and geodata available via the internet
• Data files and services
  • Standardized interface that can be used by users and partners
  • WEB-services based on open, international standards
    • XML
    • Open GIS
Kortforsyningen ® - the Map Supply

- CADASTRE
- TOPOGRAPHY
- NAUTICAL
- GEODETIC

GEO DATA WAREHOUSE

- WMS-service
- WFS-service
- Devops
- Print-on-Demand
- Printable data file
- Routing

KMS: External

Partnership model

- KMS provides geodata infrastructure
  - data model
  - data content
  - cartographic setup
  - data distribution

- Partner develops and delivers solution

Business model

- The challenge is to bring the service-based geodata infrastructure to the marked on a commercial basis.
- On the traditional market the Map Supply is available on subscription basis
  - Payment for the service in itself
  - Payment for the use of data
- For the new market it is often necessary to develop new price and packaging models related to the partners business model.

www.kms.dk

Municipality: City plans

The Danish Veterinary and Food Administration
Summary

- The Map Supply is one of the elements in the national geodata infrastructure
- The concept is based on
  - Storage of the geodata in an optimal way (data warehouse)
  - Open Internet standards
  - Partners with knowledge of the users requirements
  - New price models reflecting the use of data.

Links

- http://www.kms.dk
- http://www.kms.dk/kortforsyningen
- http://kmswww3.kms.dk/kortpaanettet/
- http://vestamt.carlbro.dk/
- http://www.neozone.com