

Twenty-third session
Vienna, 28 March – 4 April 2006

Item 8 of the Provisional Agenda

Activities relating to the Working Group on Toponymic
Data Files and Gazetteers

Digital Environment for Geographical Names*

Environment for geographical names

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"Central Place Name Register / SSR" in Norway



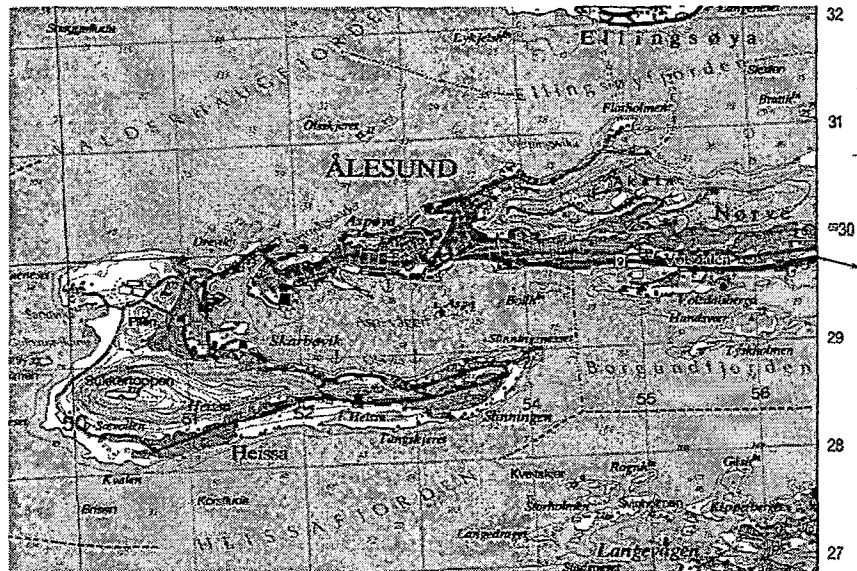
Part 1

- Yesterday / digital : Digital map system*
- Tomorrow / digital : Structured digital dataset*



Yesterday /digital

- Map data was put into file oriented systems with no special attributes to the point or lines. One map – one feature – one file.**
- The geographical names were looked upon just as text together with height/depth digits and other sort of textual information on and around the map. This is still the situation for some production lines.**



Digitally produced map with textual place names.



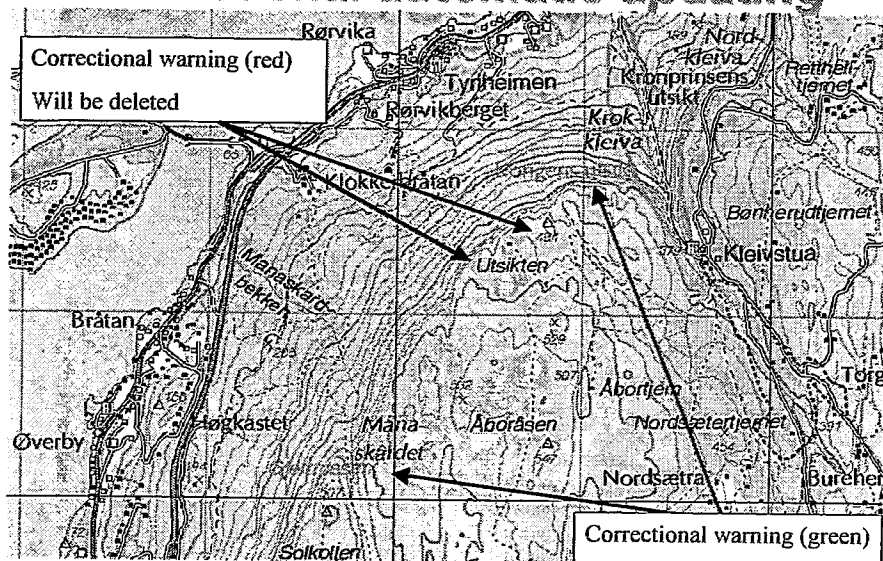
Tomorrow

- *The geographical datasets will be built up with structured information in still scale related databases with a National Place Name Database/NPND as a main source.*
- *Geographical names will not be attached directly to their objects as attributes, but exist as an own database. This database will be built up with identifiers as keys to the real physical object.*
- *Each name object has a structured content valued as a geographical name with onomastic and legal attributes and not as a map name with presentation attributes.*



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Correctional automatic updating



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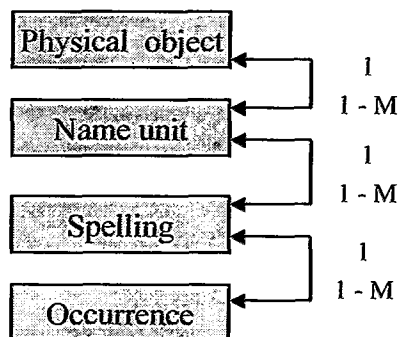
Part 2

- Database*
- “Place name network”*
- Integration with other systems*
- Future developing*



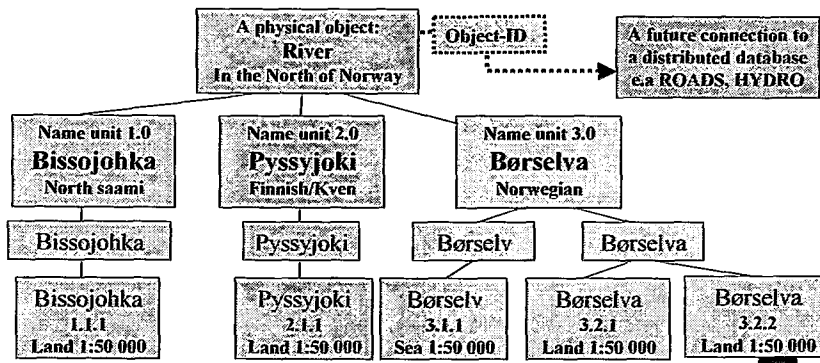
Database

Data model:



Database example

- **Data model:** An example of one object with place names in three different languages. The majority language has one place name with two dialect forms and the two minority languages has one place name each

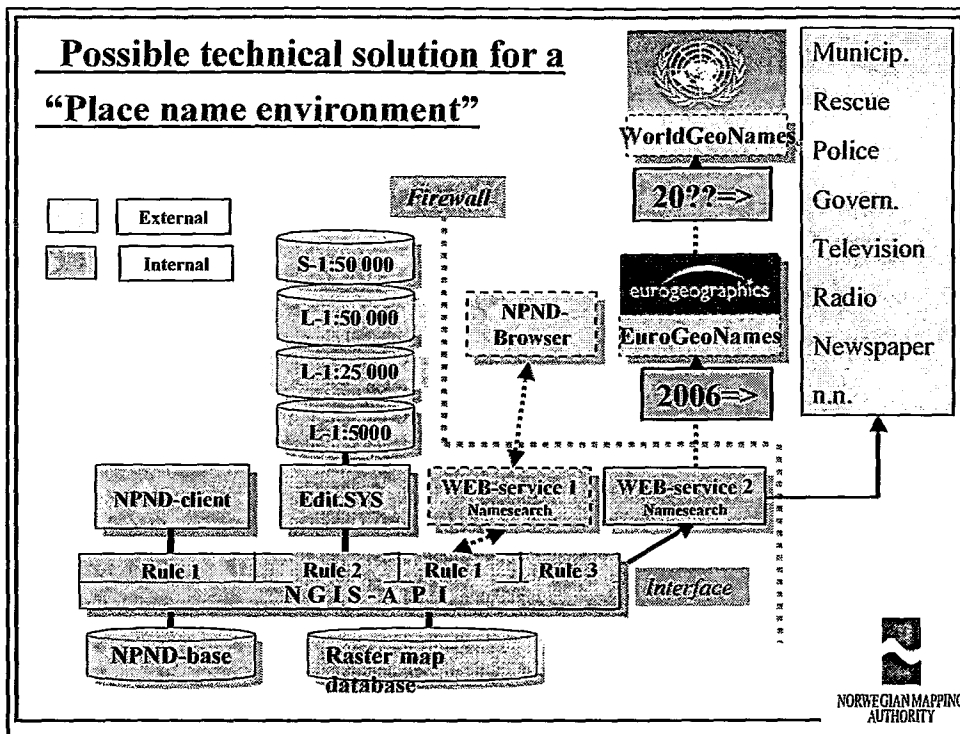


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Example from the Norwegian-database

Physical object-ID (SSR-OBjid)		2271164
Nameunit		Oslo
Nameunit-ID (SSP-ID)		708273
Tema		4003
Nametype		182 - Municipality
Municipality, nameunit		301 - Oslo
Parish, nameunit		0
North, nameunit		6649291
East, nameunit		261508
Typestatus		H - Mainname
Language		NO - Norwegian
Authority for decision		DEPT - Governem. Ministry
Last changed date, nameunit		17.01.2000
Spellingunit		Oslo
Status for spelling		G - Godkjent (Approved)
Date for status for spelling		13.01.2000
Year/Case/lotnumber		
Source		Municipality key 2000/2001
Note		City hall / Prefecture equal OK / N5
Date for registration, spelling		13.01.2000
Last changed date, spelling		18.09.2001
Occurrenceunit		Oslo
Product		NORGE 1:50 0000
Mapnumber		1914-4
Municipality, occurrence		301 - Oslo
Parish, occurrence		0
North, occurrence		6649291
East, occurrence		261508
Date for registration, occurrence		13.01.2000
Last changed date, occurrence		17.01.2000

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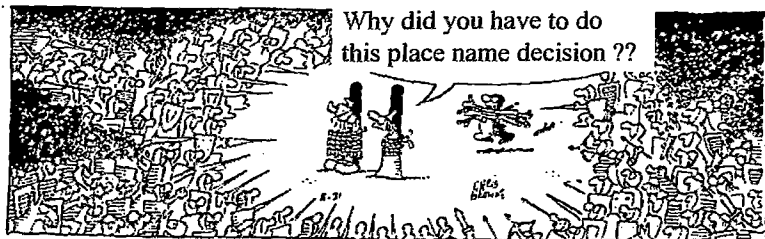
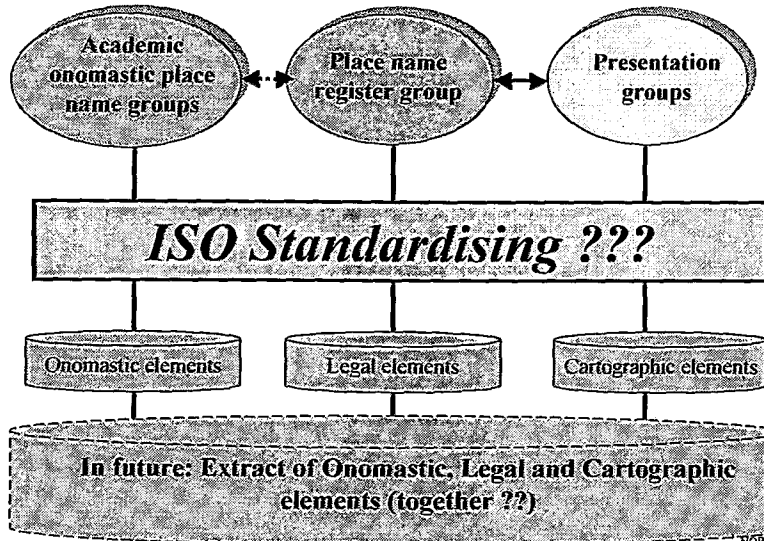


Internet / WEB-service

- New and updated place names in a future developed "National Place Name Database / NPND" are direct accessible "on the fly" in an active WEB-service.**
- All local and governmental geoportals can use the central NPND as the sole system for place name search on their local internet sites.**

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Prospective standardising



Thank you for your Attention

Johnny Andersen

