

Central Place Name Register (SSR)



STATENS KARTVERK

SPATIAL DATA – FOR THE BENEFIT OF SOCIETY

PART 1

- The Place Name Act
- Client/server application SSRsak
- Services



HISTORY

- The Norwegian Mapping Authority started to co-operate with place name advisers at the University around 1880.
- Since the regulations of 1957, we have worked according to regulations together with the name advisory service but only for maps on land and sea in scales from 1:50 000 and smaller.
- Large scale maps in 1:5000 was given place names by local committee on the municipality level since that scale was a local responsibility.




CENTRAL PLACENAME REGISTER (SSR)

The Place Name Act



- Place-Names Act of 18th May 1990 was giving the Norwegian Mapping Authority responsibility for the Central Place-Names Register (SSR)
- The Act says that all spellings used in public documentation earlier than 1.7.1991 or accepted forms, but all name forms adopted after this date must be treated according to the Place name act





Søk | Treffside | Odda | Bjerkealleen | Apalløkka

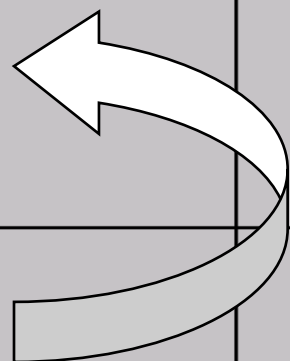
 Navneenheter
  Skrivemåte
  Forekomst
  Navn
  Id
  Kontroll





 Kart/Reg. nr/ID
  Geografisk utsnitt
  Grunneiendom
  Gate
  Arkivnummer


 Navnetype
 Navneobjekt
 L 129 - Fyr

 Administrativt område
 Fylke
 L 15 Møre og Romsdal

Icons with “queries”



 Søk















 Søk





ANDJOH

12:33



	Skrivemåtenavn	Bruksnummer	Festenummer	Gateident	Nord, navneenhet	Øst, navneenhet	Sist endret dato, skrivemåte	Skrivemåtest
1	Bjørnsund				7000413	84806	20.03.2001	G - Godkjent
2	Bjørnsund fyr				7000413	84806	15.08.2001	A - Avslått
3	Grip				7033027	129254	07.02.2002	G - Godkjent
4	Grip fyr				7033027	129254	01.11.1993	G - Godkjent
5	Haugsholmen				6931278	-449	06.12.2001	G - Godkjent
6	Haugsholmen Fyr				6931278	-449	01.11.1993	G - Godkjent
7	Hesteskjer fyr				7017176	121466	18.09.2001	A - Avslått
8	Hesteskjæret				7017176	121466	18.09.2001	A - Avslått
9	Hestskjer fyr				7017176	121466	18.09.2001	A - Avslått
10	Hestskjær				7017176	121466	18.09.2001	G - Godkjent
11	Kvitholmen				7011898	107690	10.03.2000	G - Godkjent
12	Kvitholmen fyr				7011898	107690	01.11.1993	G - Godkjent
13	Oksøyflesø				6986791	59034	21.05.2003	G - Godkjent
14	Ona				6998645	70578	03.12.2002	G - Godkjent
15	Ona fyr				6998645	70578	03.12.2002	A - Avslått
16	Runde				6955608	14921	29.04.2003	G - Godkjent
17	Runde fyr				6955608	14921	29.04.2003	A - Avslått
18	Skalmen				7058609	139649	28.04.2003	G - Godkjent
19	Skalmen Fyr				7058609	139649	29.04.2003	A - Avslått
20	Svinsøy				6948612	-2889	28.03.2001	G - Godkjent
21	Svinsøy fyr				6948612	-2889	28.03.2001	A - Avslått
22	Svinsøya fyr				6948612	-2889	28.03.2001	A - Avslått



1

Søk



Represent present place name data from 2010

Updated continually on the mapscale 1:50'

Presented by using WEB-services



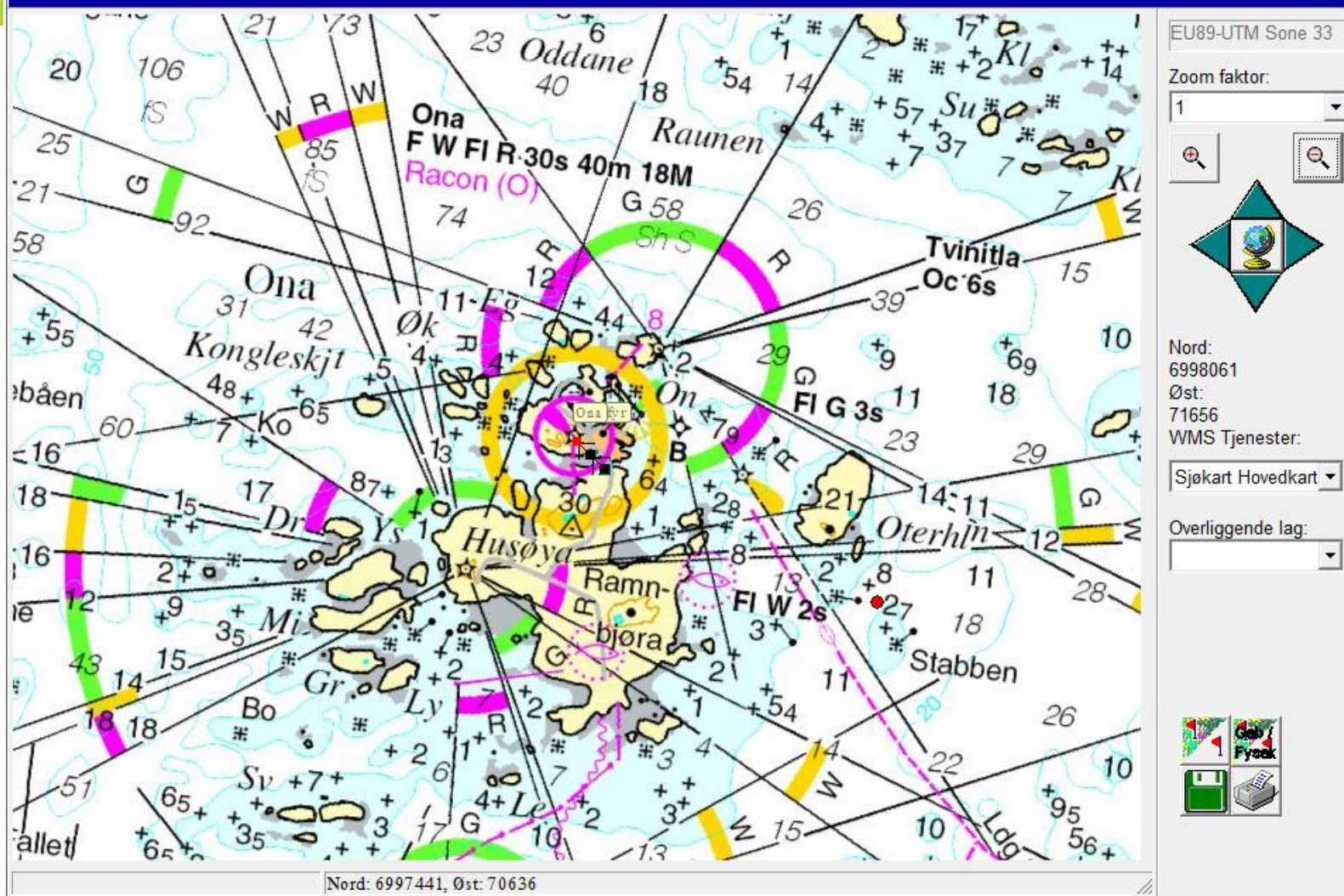
Represent present air photos

Updated at present every 10th year



Represent present place name data on seamap

WMS - Webkart

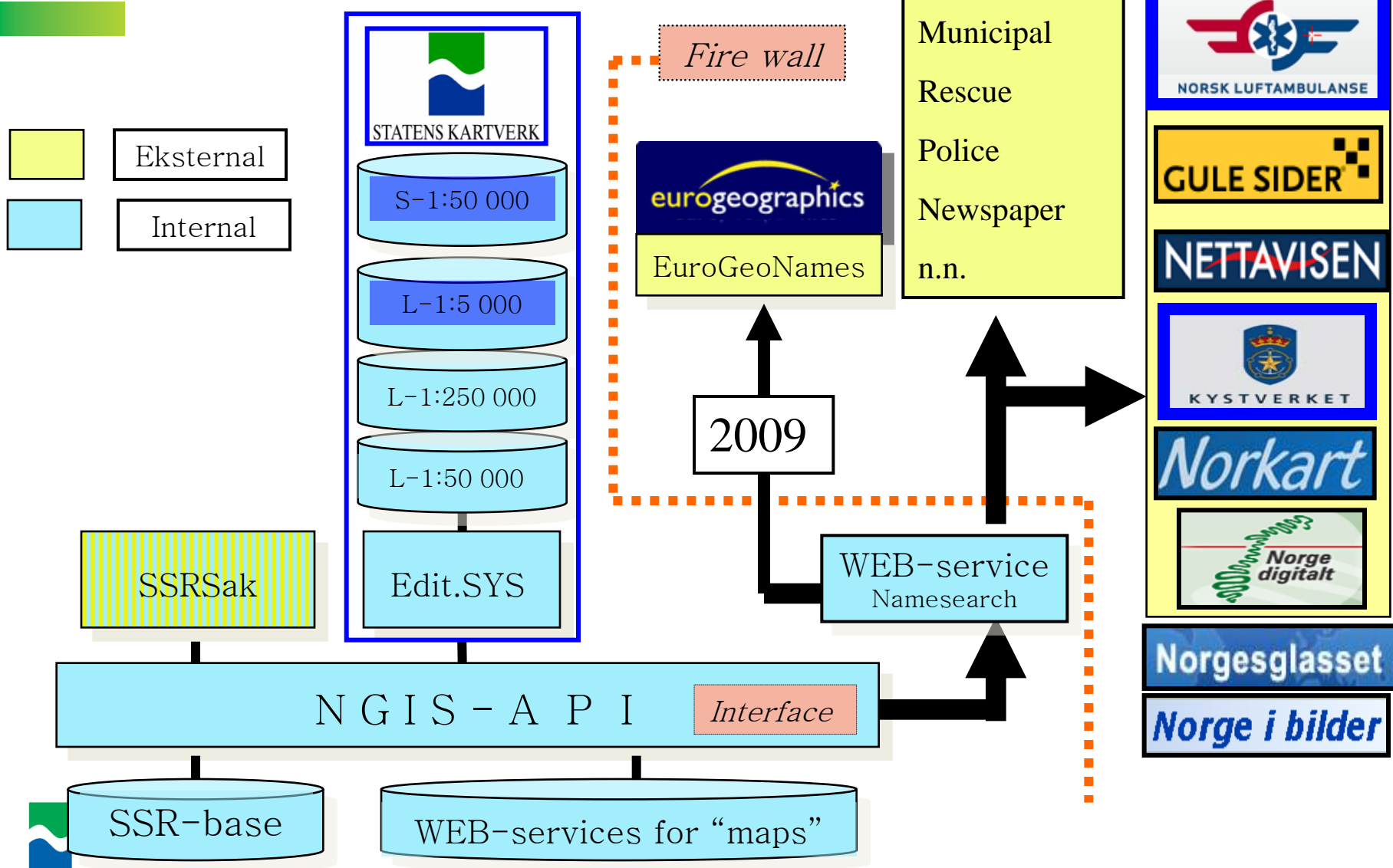


F

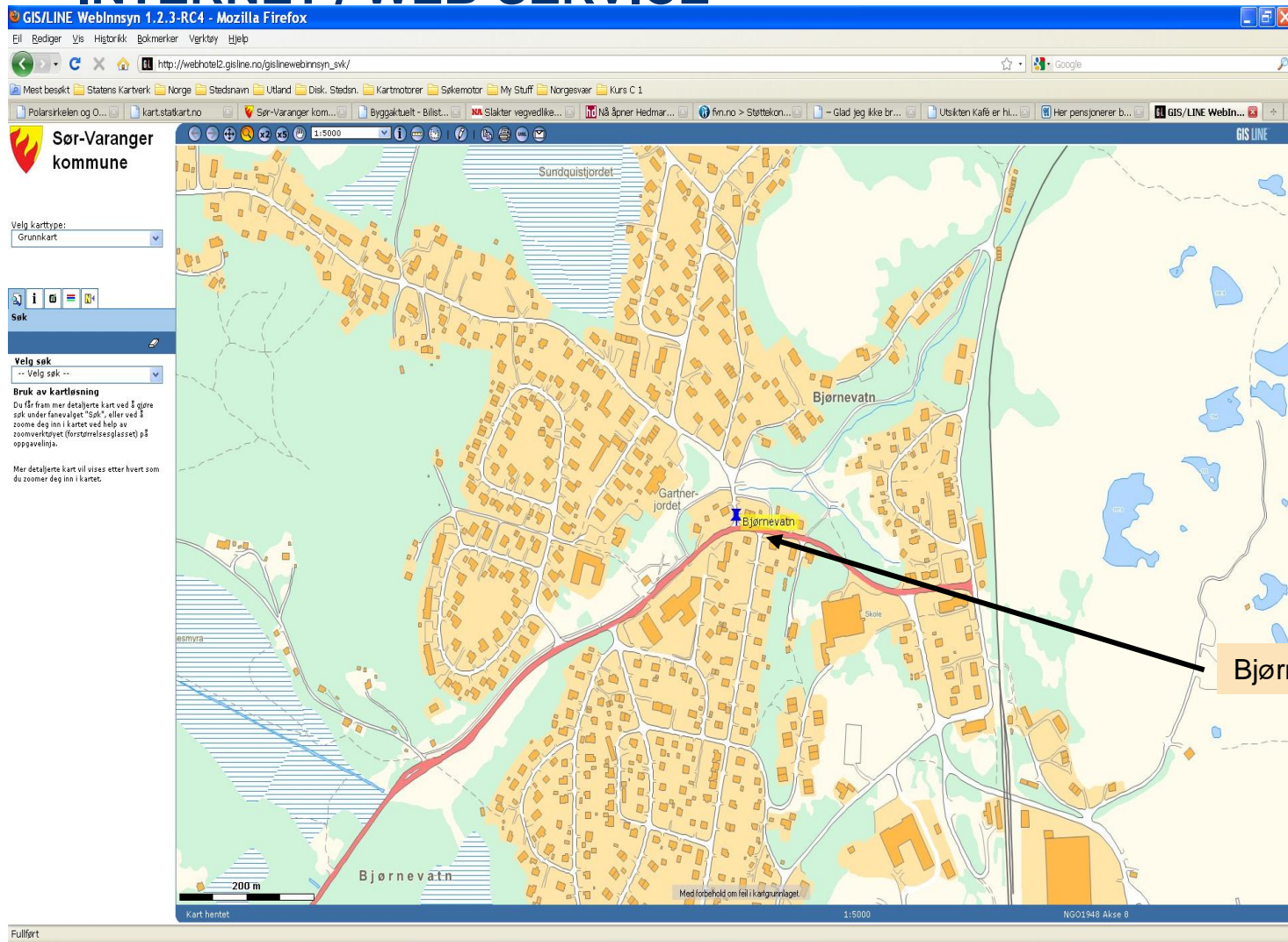
Koordinatsystem: EU89-UTM Sone 32									
Fysisk objekt-ID (SSR-OBJID)				194841					
Navneenhetsnavn				Ona					
			Navneenhets-ID (SSR-ID)		196723				
			TTema		6701				
			Navnetype		129 - Fyr				
			Kommune, navneenhet		1546 - Sandøy				
			Sokn, navneenhet		1				
			Gårdsnummer						
			Bruksnummer						
			Festenummer						
			Gateident						
			Nord, navneenhet		6972765				
			Øst, navneenhet		375033				
			Typestatus		H- Hovednavn				
			Språk		NO - Norsk				
			Vedtaksmyndighet		KYSTV - Kystverket				
			Sist endret dato, navneenhet		04.06.2003				
Skrivemåtenavn				Ona					
			Skrivemåtestatus		G - Godkjent				
			Statusdato		01.01.1970				
			År/Sak/Løpenr						
			Kilde		Norsk fyrliste 2002				
			Merknad		Fyrnr. 353500				
			Registrert dato, skrivemåte		04.08.1989				
			Sist endret dato, skrivemåte		03.12.2002				
Forekomstnavn				Ona					
			Produkt		Økonomisk kartverk 1:5 000				
			Kartblad / Reg.nr / ID		AR113-5-2				
			Kommune, Forekomst		1546 - Sandøy				
			Sokn		1				
			Nord, forekomst		6972756				
			Øst, forekomst		375019				
			Registrert dato, forekomst		03.12.2002				
			Sist endret dato, forekomst		19.06.2003				



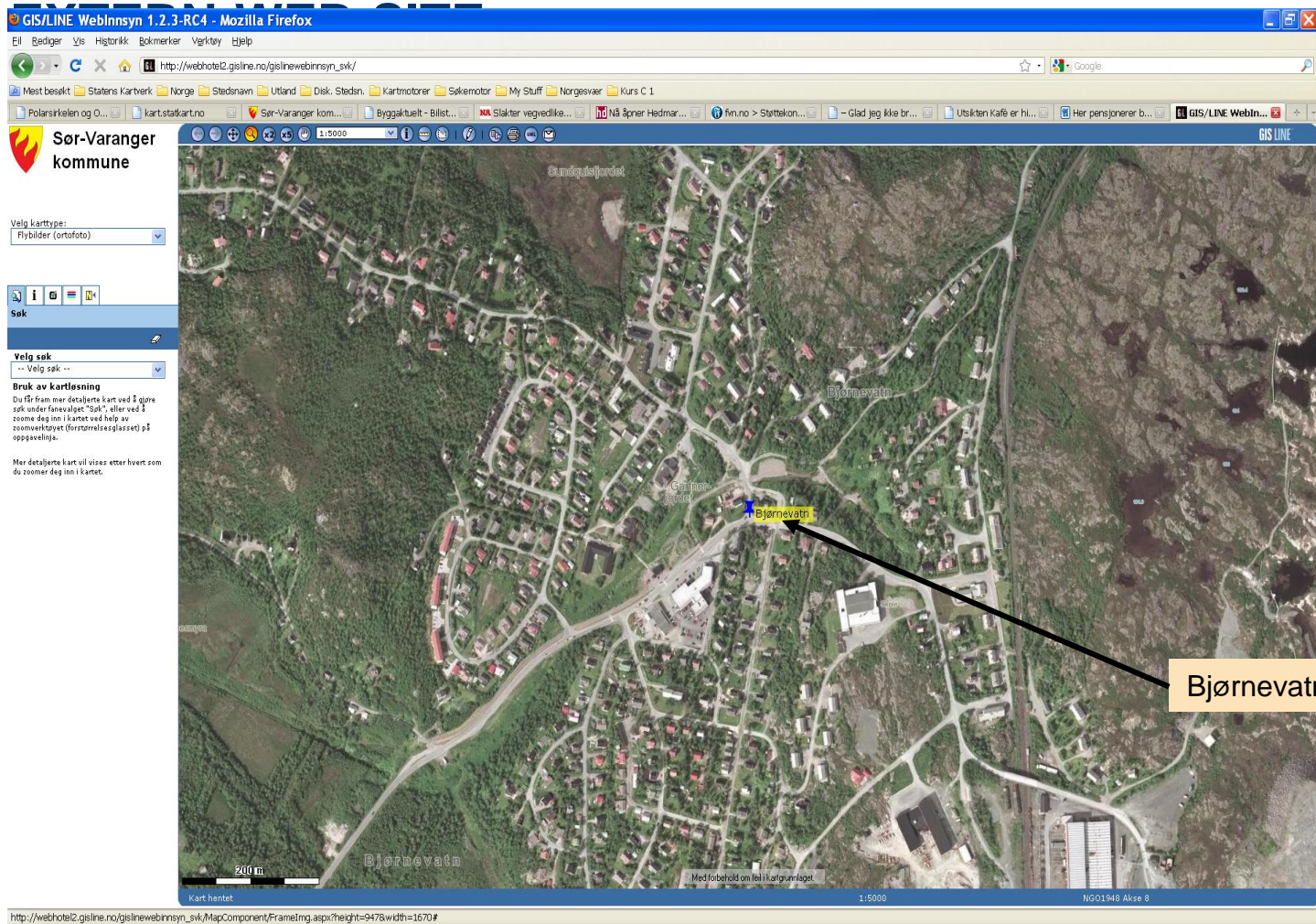
Technical solution for the "place name environment"



INTERNET / WEB-SERVICE



INTERNET / WEB-SERVICE

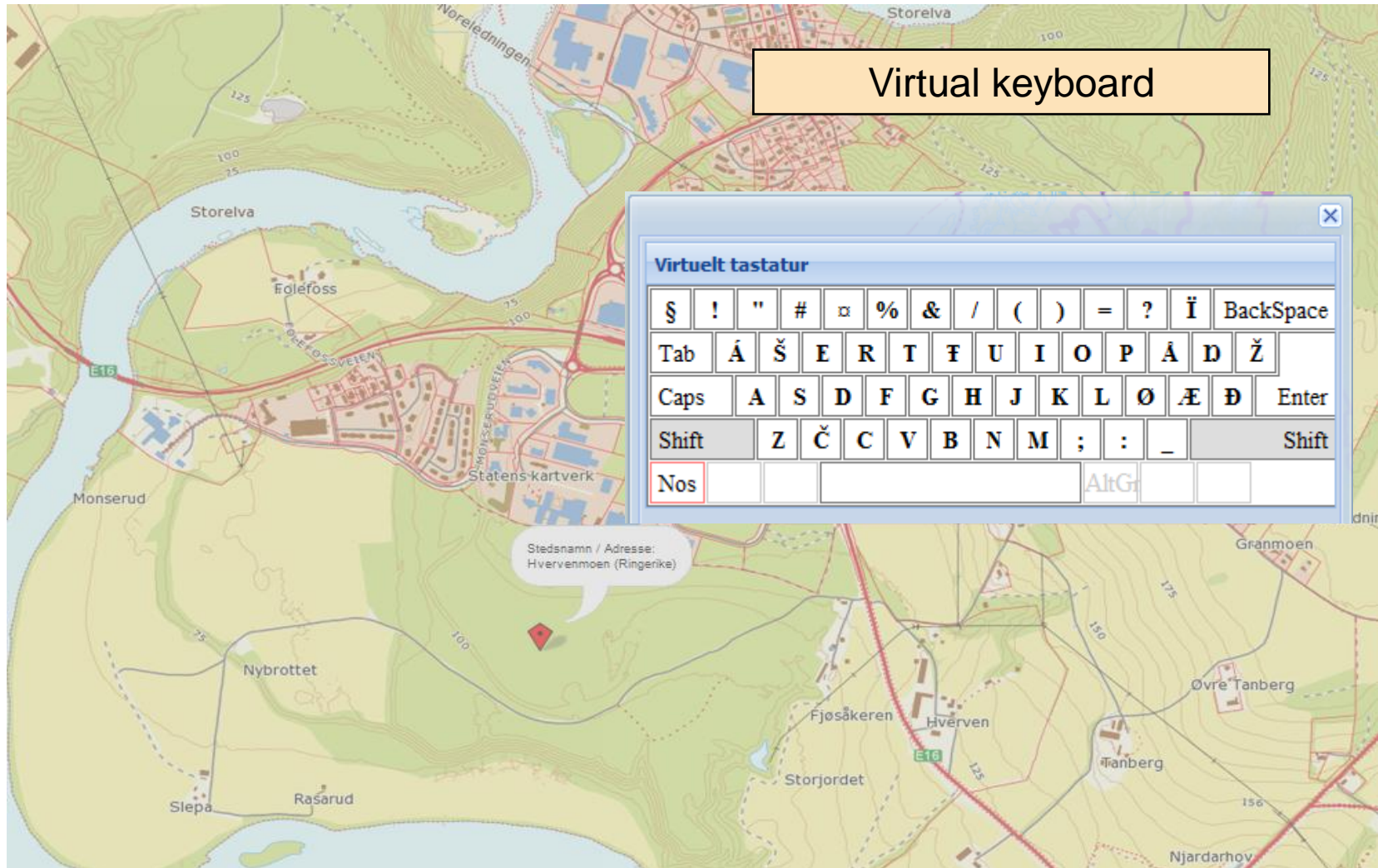


INTERNET / WEB-SERVICE

The screenshot shows the KystInfo web application running in a Mozilla Firefox browser. The browser's address bar displays the URL `http://kart.kystverket.no/default.aspx?gui=1&lang=2`. The application interface includes a top navigation bar with the Kystverket logo and a search bar. A left sidebar contains a menu with various categories such as "Gå til område", "Forslag til nødhavner", "Fiskeridata", "Sjøløykker", "Eiendom", "Plan og Forvaltning", "Beredskap", "Farled, Fyr og Merke", "Meteorologiske data", "Norsk sokkel", "Stammetsutredningen 2006", "Elektroniske sjøkart (ENC)", "Kystkultur", "Naturvern/kulturvern", "Svalbard", "Sjøis", and "Digitaliserte objekt". The main area features a map of Norway with a color-coded overlay. A right sidebar contains search filters for "Søk i stedsnavn (Statens Kartverk)", "Søk etter adresse", and "Søk etter eiendom", each with dropdown menus for "Fylke" and "Sogn og Fjordane", and input fields for "Stedsnavn", "Adresse", and "Gårdsnr/Bruksnr/Festenr". A bottom status bar displays coordinates (WGS84 UTM zone 33 X/Y: 1138424.00, 7437804.00; WGS84 geografisk Lat / Lon (DMM): 66 23.6376, 29 23.4654) and a scale bar (200 km, 100 mi). The browser's taskbar shows several open tabs, including "Kystverket.no - Forside" and "Adaptive II - Kystinfo".



INTERNET / WEB-SERVICE



EKSTERNAL USER

Copies of names
from SSR to
GPS systems.



Handheld GPS



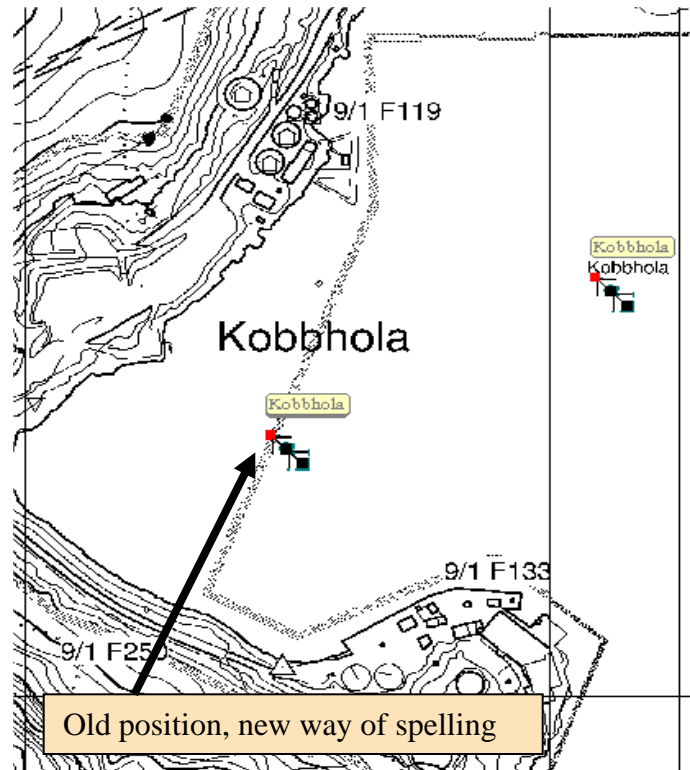
Car navigation



PROBLEMS IN DIFFERENCES IN UPDATING



Vis Veg from Road departement



SSRSak from Mapping Agency

INTERNET / WEB-SERVICE

EXTERNAL WEB SITE

Farsund kommune

Velg karttype:
Grunnkart

Søk Info Tegn-
forklaring Oversikt

Velg søk
Stedsnavnssøk

Velg kommune
Farsund

Stedsnavn
Lista

☐ Eksakt søk

Søk Stopp Fjern søk

[Lista](#)
Kirke

[Lista](#)
Kirke

[Lista Aluminiumsverk](#)
Fabrikk

[Listafjorden](#)
Fjord

[Listafjorden](#)
Fjord

[Listafjorden](#)
Fjord

[Listafjorden](#)
Fjord

[Listafjorden](#)
Fjord

[Listafjorden](#)
Fjord

Oppfrisk Målestokk

Lista Aluminiumsverk

Lista Aluminiumsverk

Kart hentet 1:5000 NG01948 Akse

EXCHANGE FORMAT : SOSI

.HODE
..TEGNSETT ISO8859-10
..TRANSPAR
...KOORDSYS 22
...ORIGO-NØ 0 0
...ENHET 1.0
..OMRÅDE
...MIN-NØ 6471206 291581
...MAX-NØ 6807478 613232
..SOSI-VERSJON 3.41 20041027
..SOSI-NIVÅ 2
..DATO 20061128
..KVALITET 50 1500
..PRODUSENT "Statens kartverk"
..EIER "Statens kartverk"

.TEKST 1:
..OBJTYPE Navneenhet
..TTEMA 5000
..NAVNTYPE 108
..KOMM 1021
..KSOKN 3
..DATO 20050623
..SSR
...SSR-ID 5830
...SSR-OBJID 5851
...SNAVN "Ask"
...SNTYSTAT H
...SNMYND SK
...SNSPRÅK NO
...SNGAB
...GID 127 2
..NØ
6471206 418376



EXCHANGE FORMAT : EXCEL

MAX APP. 16500 LINES.

1	Forekomstnavn	Navneenhets-ID (SSR-ID)	Navnetype	TTema	Kommune, navneenhet	Sist endret dato, navneenhet	Fysisk objekt-ID (SSR-OBJID)
2							
3	Ask	5830	108 - Bruk (gardsbruk)	5000	1021 - Marnardal	23.06.2005	5851
4	Ask	32170	108 - Bruk (gardsbruk)	5000	720 - Stokke	23.06.2005	32279
5	Ask	72095	108 - Bruk (gardsbruk)	5000	626 - Lier	04.12.2002	72302
6	Ask	79398	108 - Bruk (gardsbruk)	5000	1224 - Kvinnherad	02.06.2003	79617
7	Ask	84570	108 - Bruk (gardsbruk)	5000	605 - Ringerike	13.03.2002	84812
8	Ask	84572	161 - Stasjon	7500	605 - Ringerike	25.11.2003	84814
9	Ask	86766	101 - Tettsted	5200	234 - Gjerdrum	22.09.2004	87010
10	Ask	86790	108 - Bruk (gardsbruk)	5000	233 - Nittedal	26.11.2002	87034
11	Ask	85180	108 - Bruk (gardsbruk)	5000	605 - Ringerike	09.02.2004	85422
12	Ask	91817	104 - Grend	5200	1247 - Askøy	19.10.2005	92073
13	Ask	91857	123 - Kirke	5000	1247 - Askøy	08.08.2005	92113
14	Ask	147584	108 - Bruk (gardsbruk)	5000	1428 - Askvoll	19.10.2005	147999
15							



CENTRAL PLACE NAME REGISTER (SSR)

DATE 6.12.2010

- As a summary we have 893 792 place names that can be written in 1 045 388 different ways with one or more names to each geographical place.
- From these place names we can extract 939036 by the law accepted official place names.
- These place names represent in our database more than 1 768 640 different occurrences on maps or other type of documentation.



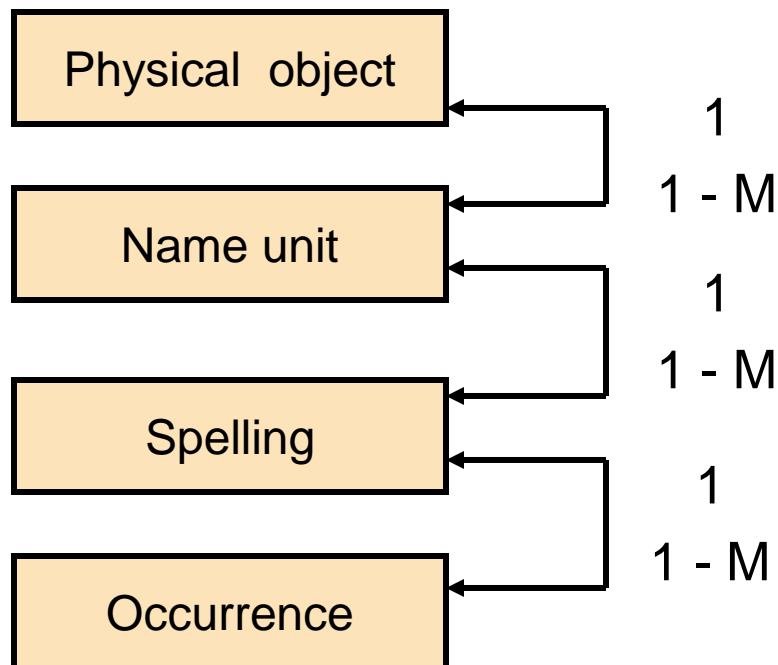
THE CLIENT APPLICATION

- We started developing a solution for more advanced use than only for mapping.
- The system should be able to handle data related to the same geographical point with:
 - more than one place-name related to the same geographic object
 - names in different languages; Kven, Sami (three languages) and Norwegian. All official place names are handled equally.
 - different historical, official and unofficial spellings of the same name.
 - elements / occurrences (maps/roadsigns/registers) using the placenames with the correct position.
- All the legal elements in the Place-Names Act should be taken care of.



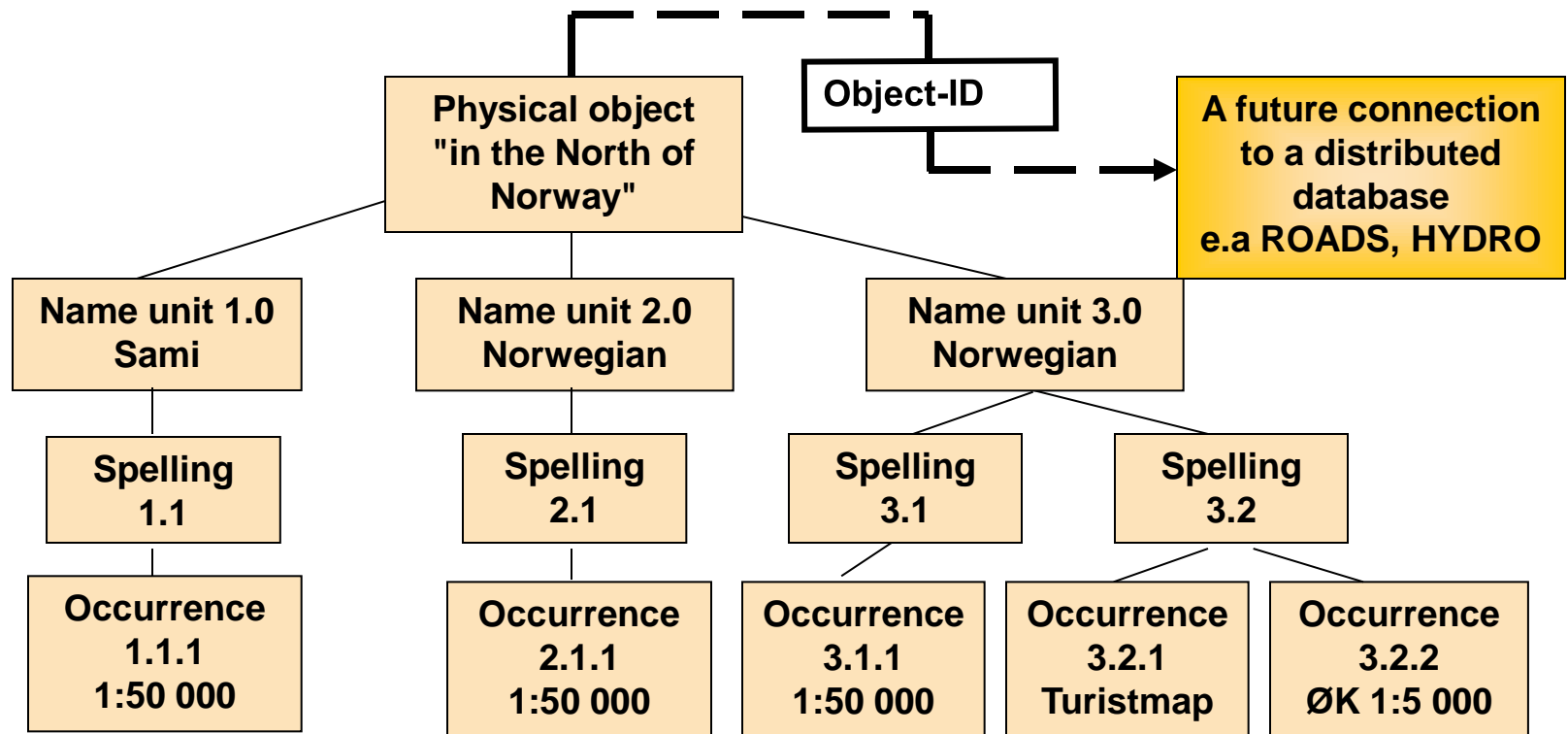
DATABASE

Data model:

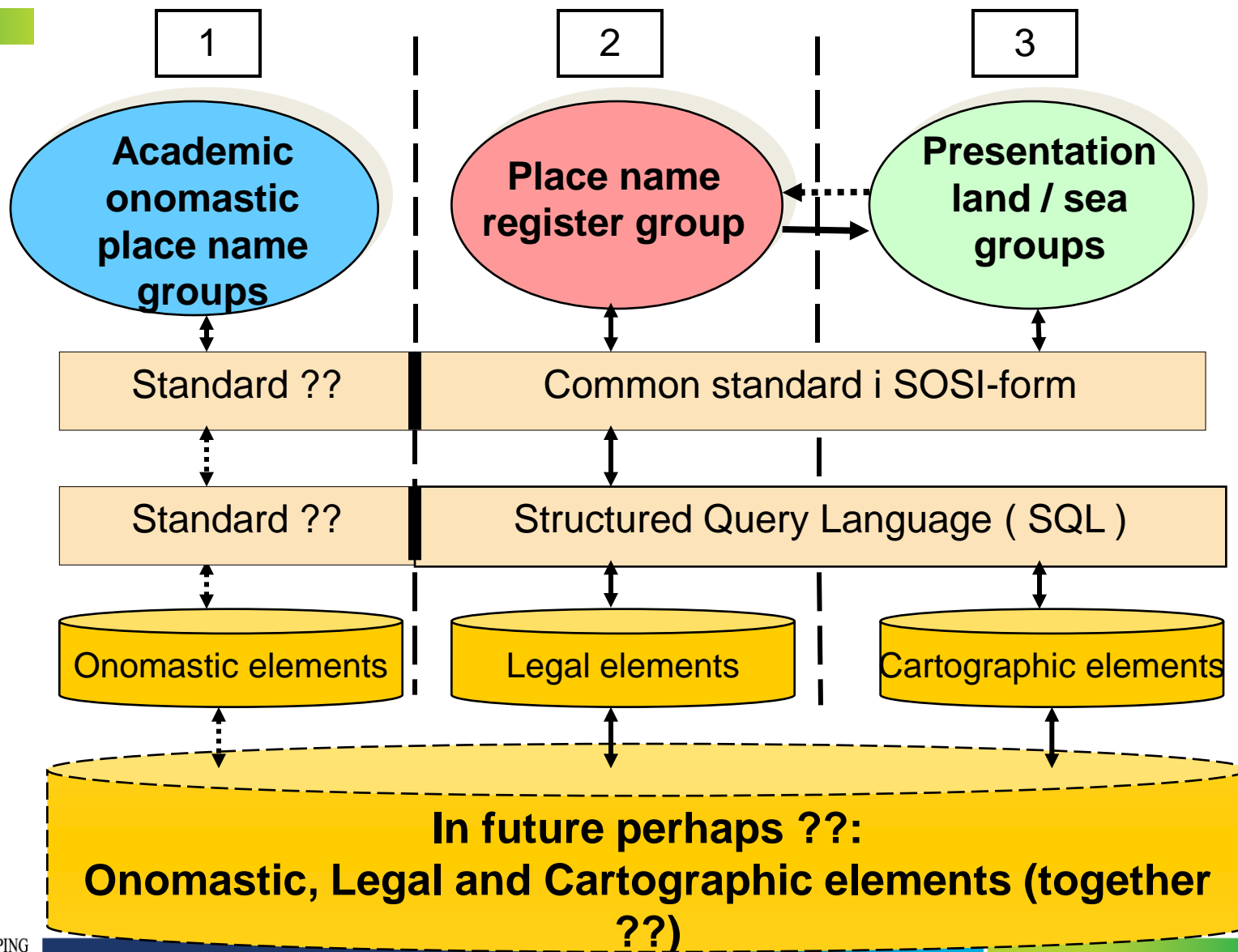


DATABASE EXAMPLE

- Data model: An example of a place with names in two different languages. Majority language Norwegian has two place names and minority language Sami has one place name



PROSPECTIVE STANDARDISING



INTERNATIONAL I

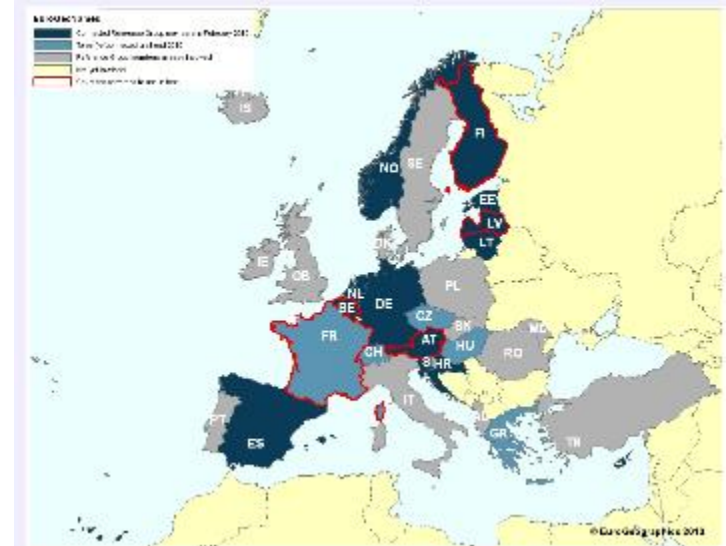
eurogeographics

Romania EU-member 2007

EUROGEONAMES

+++ Latest News +++

- EuroGeoNames will be the subject of a whole days workshop for the United Nations Group of Experts on Geographic Names (UNGEGN) - February 2011
- The reference application provides [free access](#) to EGN now!
- **13 countries are now** connected to EuroGeoNames
- EuroGeoNames is now being used in the [ESDIN](#) collaborative project as it enters a service creation and demonstration phase.
- EGN data is now being tested for use in a private sector business
- We have published our EGN [quality management guide for members](#).



INTERNATIONAL II



INSPIRE
Infrastructure for Spatial Information in Europe

D2.8.1.3 INSPIRE Data Specification on Geographical Names – Guidelines



INTERNATIONAL III



United Nations Statistics Division

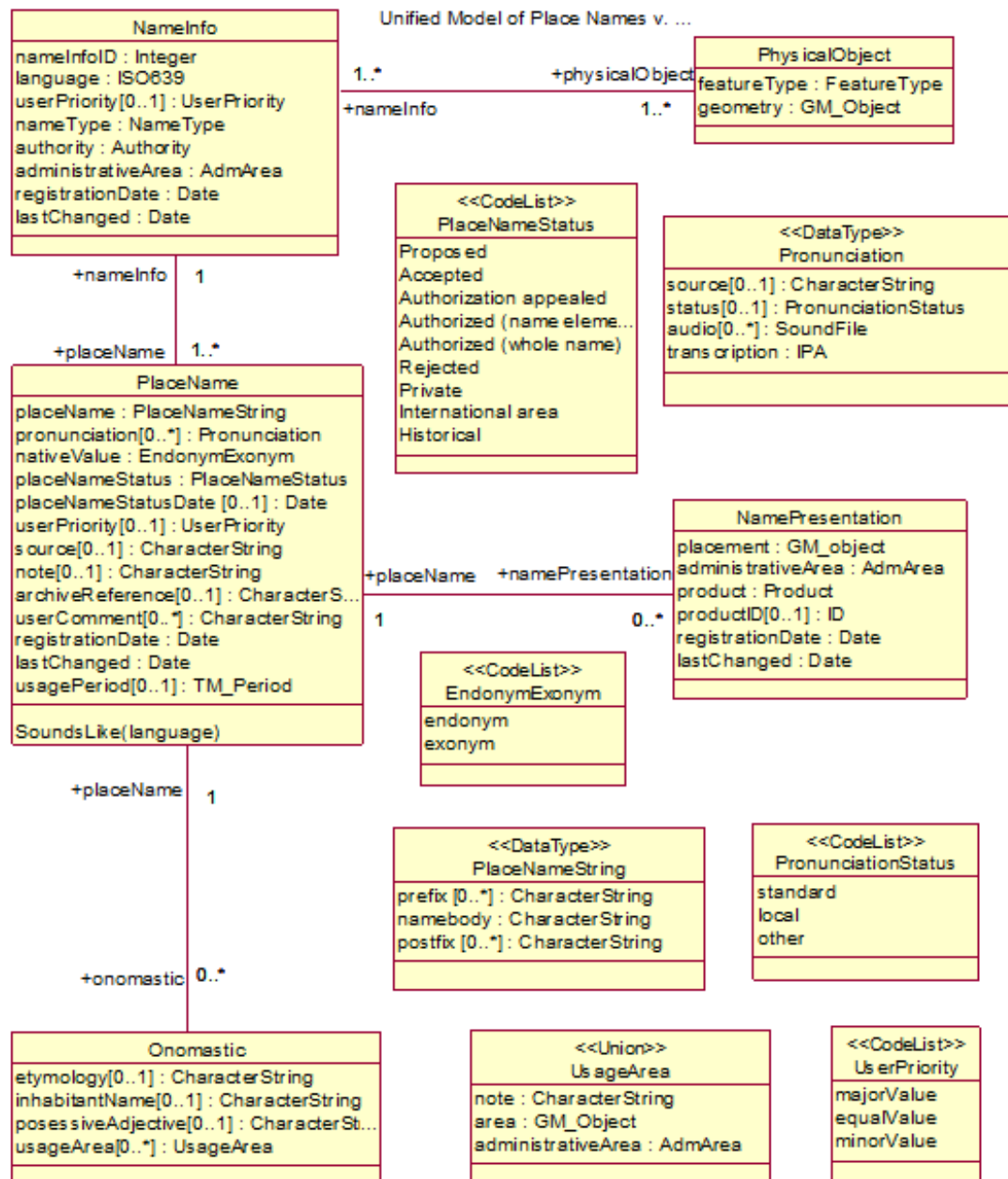
East Central and South-East Europe Division United Nations Group of Experts on Geographical Names

The countries of the **East Central and South-East Europe Division (ECSEED)** are: Albania, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Greece, Hungary, Montenegro, Poland, Serbia, Slovakia, Slovenia, The former Yugoslav Republic of Macedonia, Turkey and Ukraine.



CROATIAN PLACENAME-DB (PROPOSAL)

INTERNATIONAL IV





VĂ MULȚUMESC PENTRU ATENȚIE
THANK YOU FOR YOUR ATTENTION

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