

# Joint meeting of the UNGEGN WG on Exonyms and the EuroGeoNames project

## **EGN Conceptual data model**

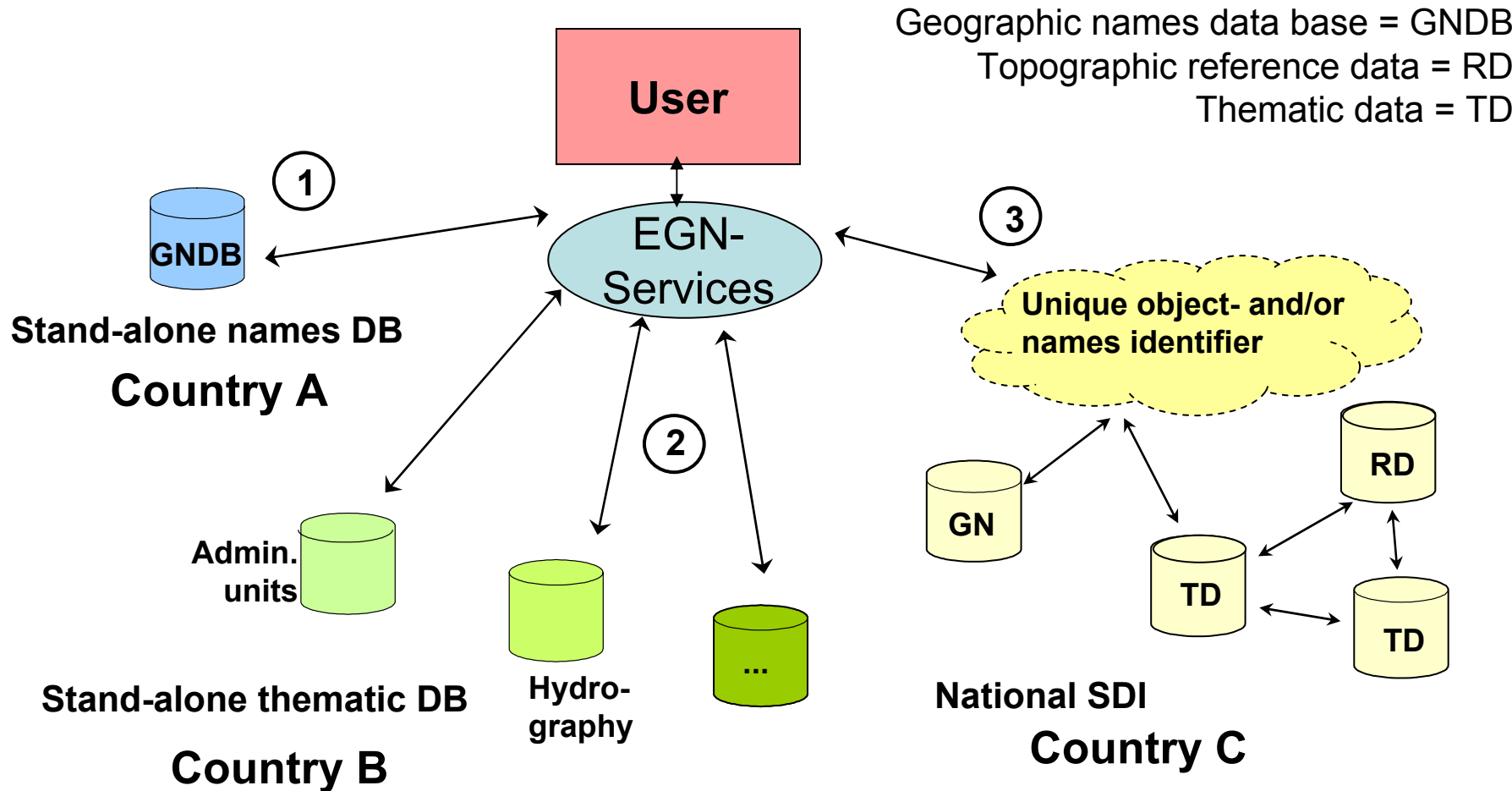
**Land Survey Office, Prague**

**17 May 2007**

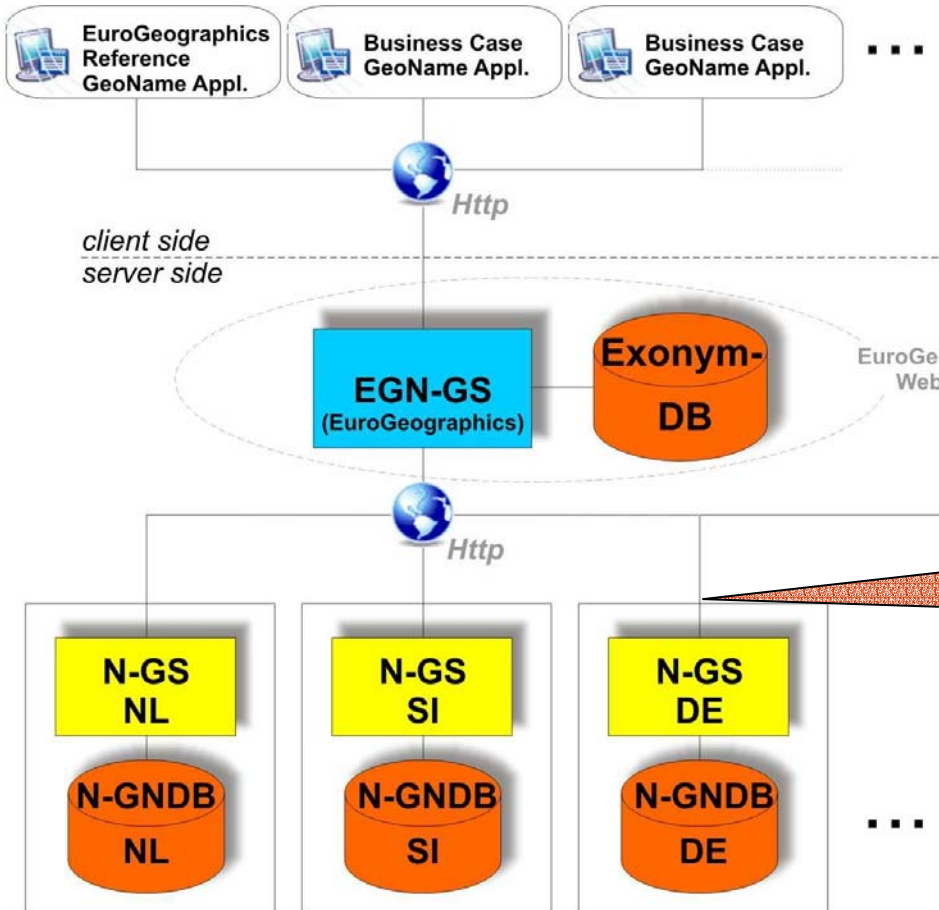
# Content

- EGN Concept
- EGN Conceptual data model
- Issues still to be solved

# EGN Concept - Geographical names data to be aggregate



# EGN Concept - Possible service architecture & data flow

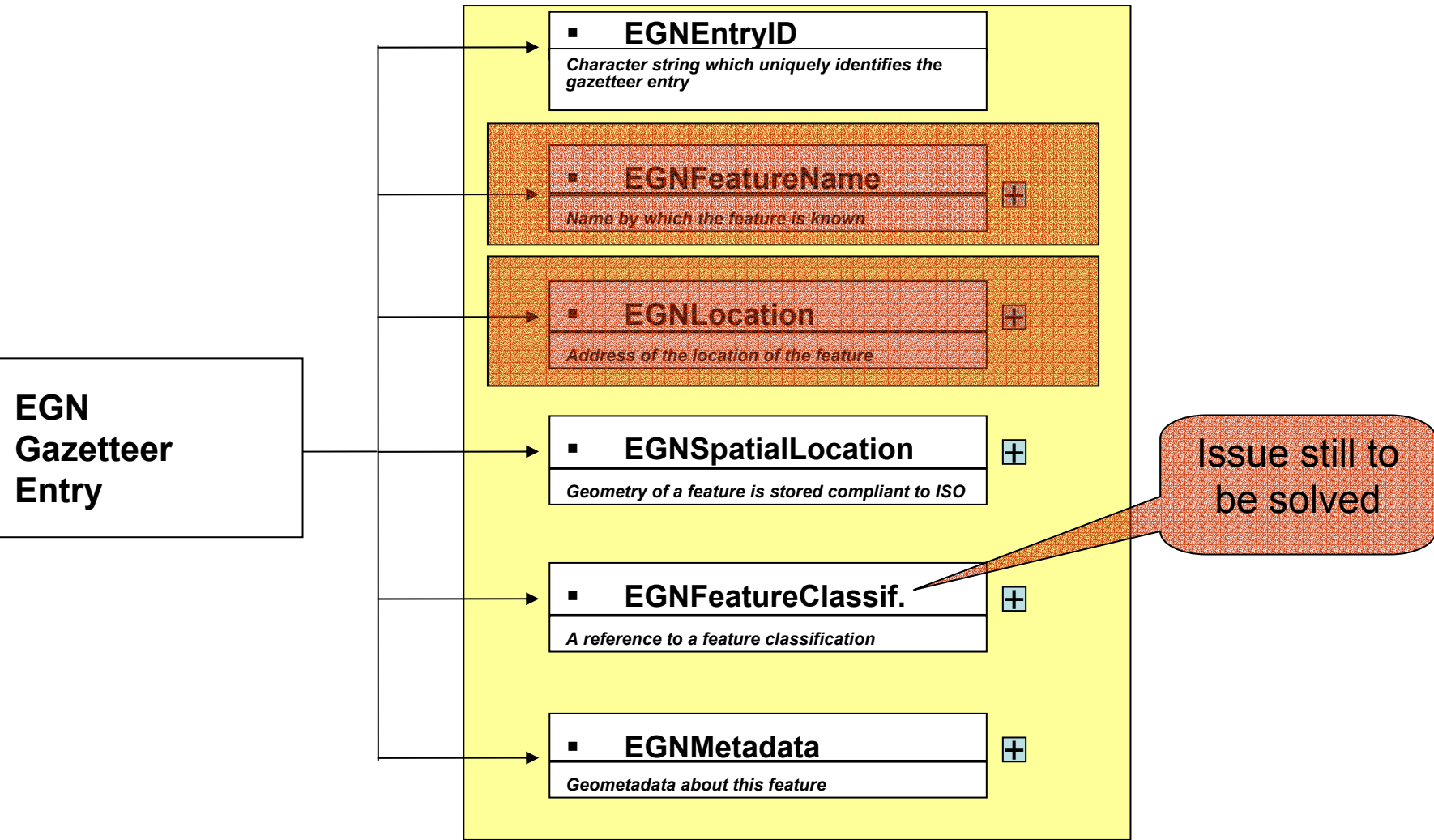


Legend:

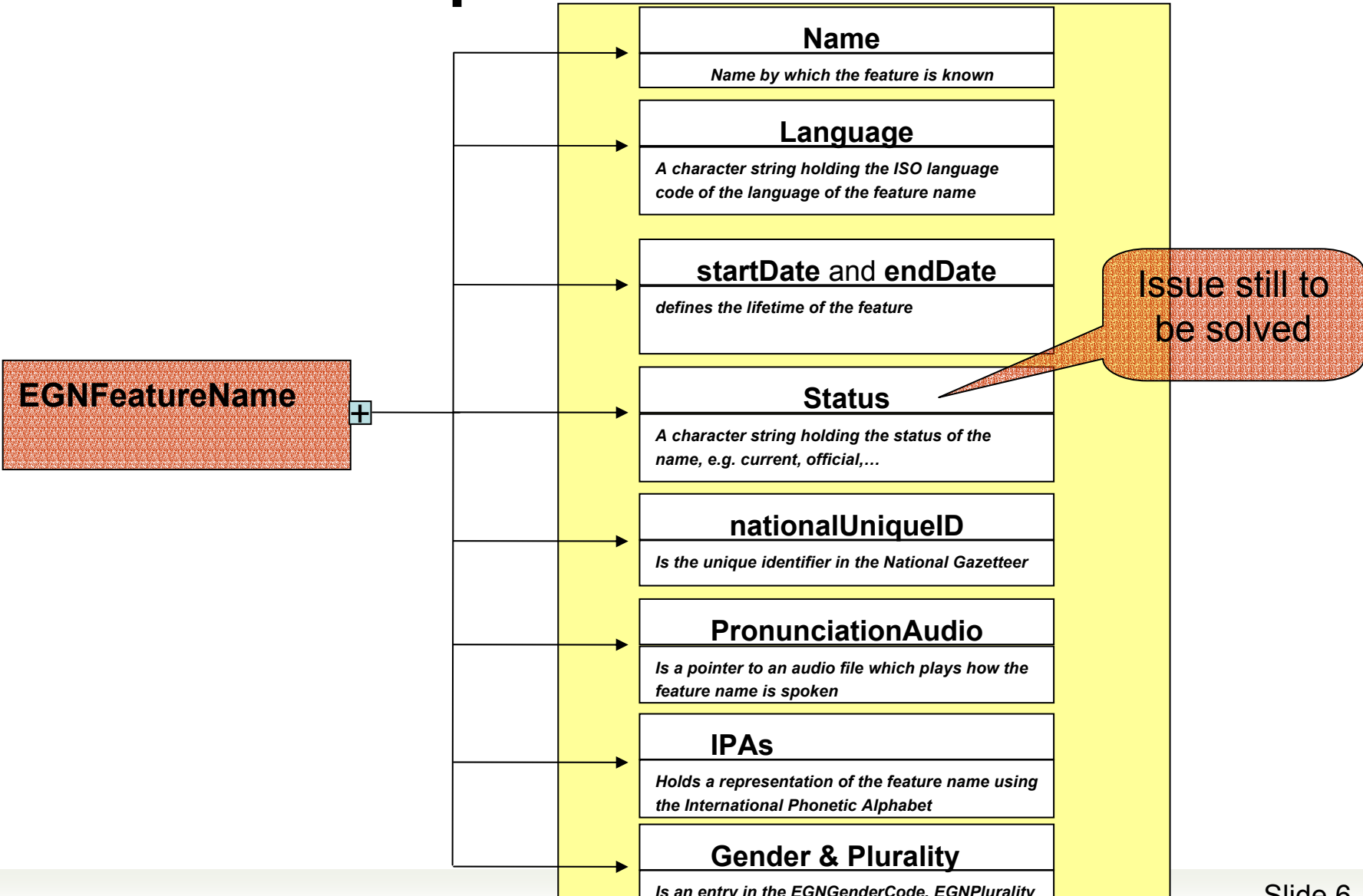
- EGN-GS EuroGeoNames - Web (Gazetteer) Service based on a Web Feature Service (WFS)
- N-GNDB National Geographic Names Database (N-GNDB NL -> Database of the Netherlands containing authoritative Dutch geographical namesdata)
- N-GS National Gazetteer Service (N-GS NL -> Service of the Netherlands) based on a Web Feature Service (WFS)
- A-GS Additional gazetteer services
- A-GNDB Additional geographic name database
- A-GNDoc Additional geographic names held in document
- Exonym-DB Database containing exonyms

Existing WFS services?  
 Access & security issues?  
 ...

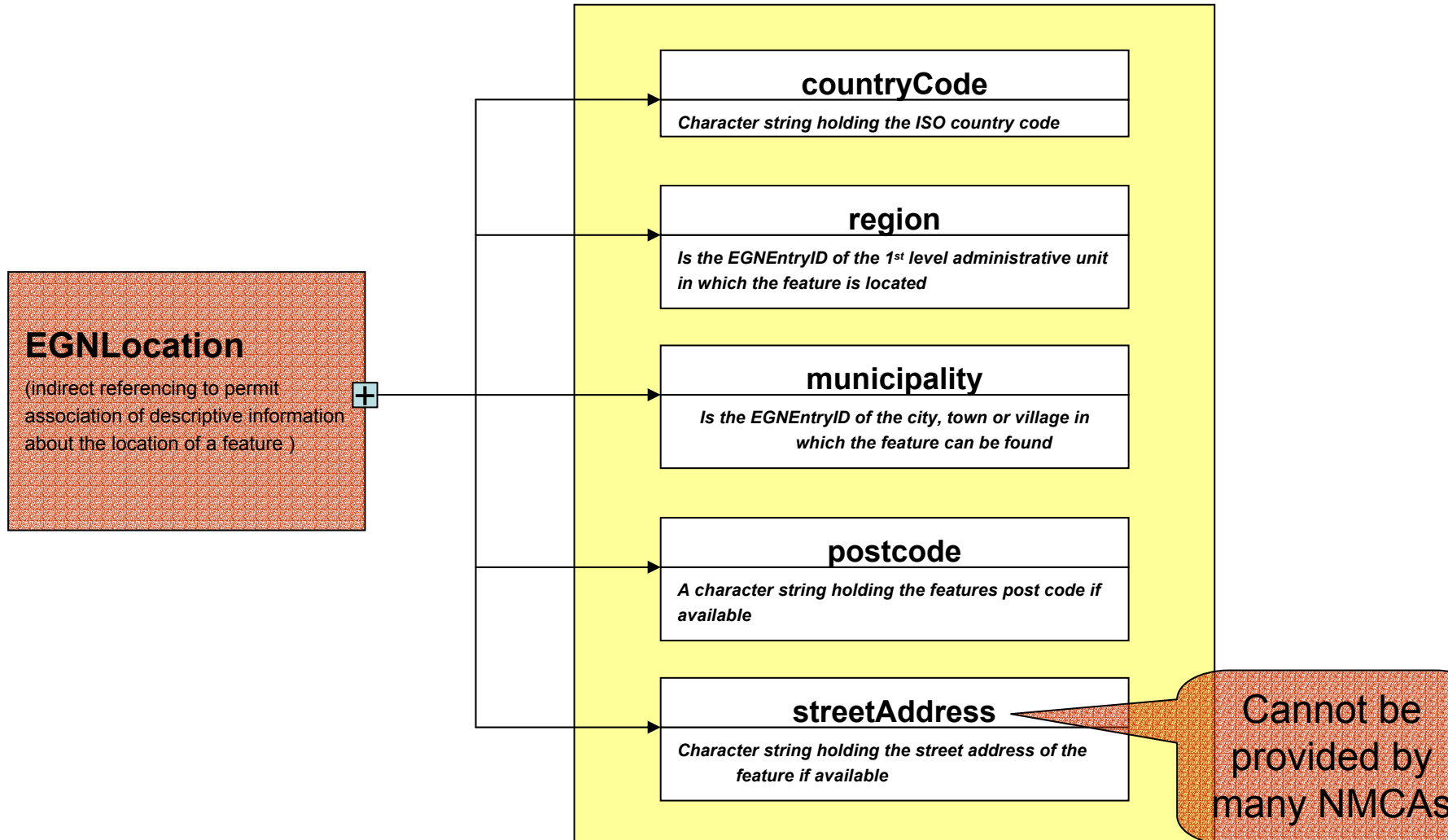
# EGN Conceptual data model



# EGN Conceptual data model



# EGN Conceptual data model



## ■ Issues still to be solved – Status fields

The field 'status' provides information about the status of the name.

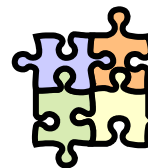
One of the **"unique selling points"** for EGN: dealing with **official data**.

**Germany:** indicates names which are of status "official" whereas others are not.  
(*Status field determines "official", "open", "in use" and name types "full form", "short form"*).

**Norway:** indicates several status within the process of standardizing a name.  
(*e.g. "Accepted according to former provisions", "Proposed", "Authorized by the provisions of the Place name Act single names", "Decision appealed", "Rejected"*).

**Cyprus:** all names maintained in the databases are of status "official".  
(*they had been approved by the Permanent Committee on Geographical Names beforehand*).

The EGN Consortium will find a way ...





## ■ **Issues still to be solved** – Feature classification

**The design of its own feature classification is outside the scope of the EGN project**

⇒ **use of an existing scheme**

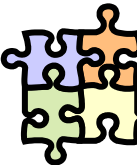
### Restrictions:

- compliance to the INSPIRE directive
- mapping to EuroRegionalMap (ERM) scheme

⇒ **The Alexandra Data Library (ADL) does offer an alternative!**

Comparison of Alexandra Data Library (ADL) Feature classification with existing classification schemes.

The EGN Consortium will find a way ...

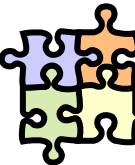


## ■ Issues still to be solved – Exonyms

### How to consider / administer exonyms in a database linked to the respective endonyms in a SDI?

- a **provider of exonyms** in a certain language is very often different from the holder/owner of a national database (e.g. StAGN - BKG)
- who is providing exonyms?  
-> **several sources** (e.g. Wikipedia? validated?)
- how the referencing between exonyms and endonyms is carried out?  
-> **unique object/feature and / or name identifier (IDs!)**
- ...

The EGN Consortium will find a way...



# ... we need your cooperation!!!

## Thank you for your attention

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