LADM Workshop Delft 16.3 – 17.3.2017

March 2017

Activities in LAS (selection)

- Abuja, Nigeria (ca. 2001 – 2005)
  - Urban area
  - No standards
  - No reuse, even not concepts

- IACS System (Hessian, Germany) (2002 – today)
  - No LAS in the narrow sense: agricultural parcels (LPIS)
  - 2 Tier architecture with combined database business logic tier and still fat client
  - No standard, but "accidently" close to some LADM ideas

- AACADIS Addis Ababa City Administration (2010 – today)
  - Urban parcels, buildings and condominiums
  - LADM incl. versioning
  - Proprietary software and architecture

Activities in LAS (selection)

- NRLAIS Ministry of Agriculture Ethiopia (2015 – today)
  - National wide system (Pilot)
  - Rural Parcels: small private land holders, communal land, investment land. Majority in terms of numbers of parcels (ca. 50 millions)
  - Pastoralist. Majority in terms of land cover (ca. 60%)
  - LADM less complex implementation
  - Completely open source and generalized architecture
- Its4land (2016 – today)
  - Based on NRLAIS code line
  - Addressing new data acquisition methods and qualitative descriptions of land tenures

Motivations

Including standard processes into LADM. Especially case management and maintenance
- Call it Application / Case / Transaction / ...
- Not a common process

Handling informal and vague RRR.
- Pastoralist / trips / communal rights
- Informal settlement
- Supporting master thesis (Egg yolk spatial representation / qualitative descripted land tenues to WMS/WFS)

Guidelines / how-to / best practice on how to build a software system on LADM. Something like a pattern catalogue.
- Non relational database (NoSQL)
- Micro services
- Open source reference implementation