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 described 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