

# The Digital Cadastral Map

- The approach of digitisation vary for the three different style of systems
- There is a tension between relative accuracy (cadastral graphics) and absolute accuracy (topo data).
- No matter the origin of the system the digitising process serves the same purpose of combining the cadastral graphics with the topo information.
- Survey accurate cadastral data is normally not an option. Therefore, in most systems successful use of the digital cadastral database depends on the degree of educated use of the map.



# An analogue cadastral map from 1983 updated over about 100 years. The map is an "Island map" and is not linked to the national grid. The same area as a print of the digital cadastral map 1993. The map is linked to the national grid and shows only the current cadastral situation. The boundary points shown by circles are established in the map using control points and legal survey measurements.

### The Digital Cadastral Map

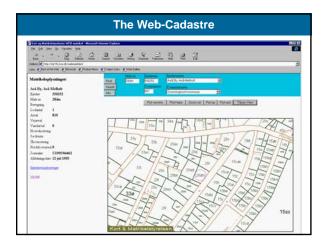
- a legal map tailored for integrated land administration

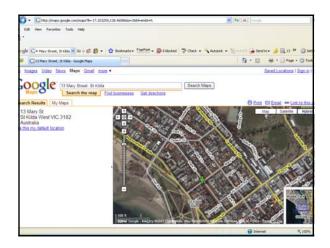
### Strengths:

- · Countrywide; based on the national grid
- Metadata
- Dynamic updating and upgrading

### Weaknesses:

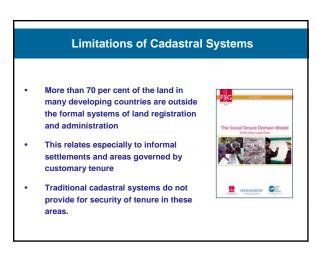
- Accuracy varies
- Tension between the (legal) cadastral map and the (physical) topographic map
- Demand for an educated use
- understanding the nature and the origin of the cadastral map

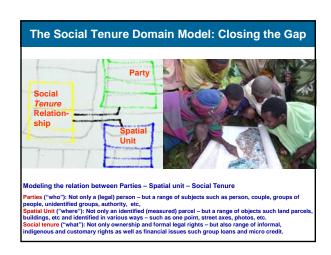




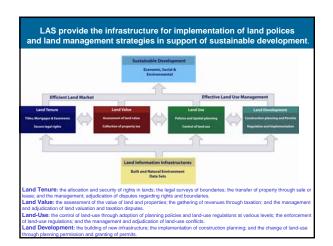


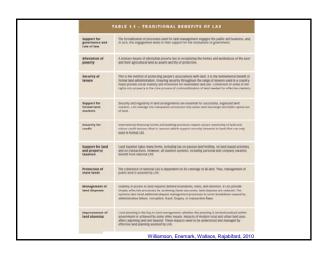




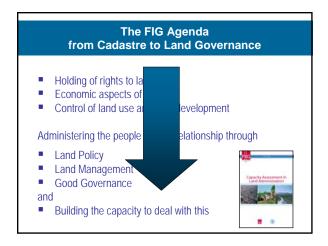






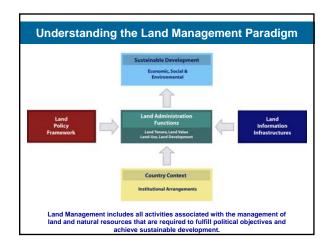


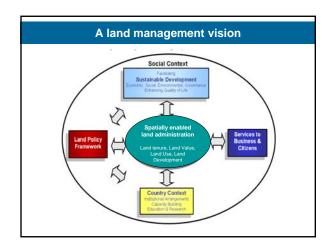




# Land governance Land governance is about the policies, processes and institutions by which land, property and natural resources are managed. This includes decisions on access to land; land rights; land use; and land development. Land governance is about determining

and implementing sustainable land policies.

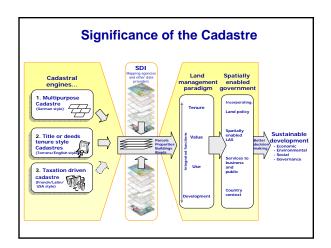




# **Spatially Enabled Government**

A spatially enabled government organises its business and processes around "place" based technologies, as distinct from using maps, visuals, and webenablement.

The technical core of Spatially Enabling Government Is the spatially enabled cadastre.







# Key message

Simply put, sustainable development requires sustainable land administration systems

Land professionals play a key role



Thank you for your attention