

Monopoly for the Private Licensed Surveyors According the Surveyors' Act Process Comparing the cadastral information to physical conditions, fences... If discrepancies: the surveyor must involve the landowners and clear up the reason Adverse possession 20 years of possession leads to a proscriptive right: legal ownership Boundary disputes The landowners must apply to a licensed surveyor, acting as a judge Formal process involving the landowners to achieve an agreement If agreement can not be reached—the case goes to court Around 40 cases per year, less than 5 cases goes to court.

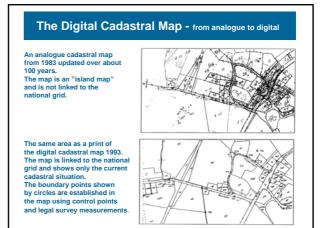
Parcelling Out Subdivision of existing properties Cadastral registration (subdivision) is necessary prior to entering any deeds or mortgage that relates to a part of an existing property Amalgamation of Properties Legal rights of ownership and mortgage must arranged prior to cadastral registration Area transfer between properties The legal rights of ownership and mortgage must be arranged prior to cadastral registration Rectification Frors, natural boundaries, adverse possession, rights of way

Cadastral Reform - The Digital Cadastral Map

Conversion from analogue to digital in a two stage process:

- 1. Control points and connected cadastral surveys form a "skeleton map" (urban 40%, rural 20 %)
- 2. Digitising and fitting in the rest by transformation using the digital topographic map as control.





The Digital Cadastral Map - the basic layer

The cadastral layer presents the basic information on land rights to be combined with digital topographic maps or ortophotos showing the use

Some discrepancies between the cadastral registration and the physical boundaries may

appear.
This can be solved only through the process of boundary determination



The Digital Cadastral Map - updating and upgrading

In the analogue map new boundaries were adjusted graphically to the position of existing mapped boundaries.

In the digital cadastral map any new cadastral measurement will be used for adjusting the position of the existing boundaries.

This will establish a process of continual improvement of the continual improveme accuracy of the map - a dynamic system.

The system, however, calls for an educated use of the map.

There is a need to improve the accuracy for achieving better consistency with the large scale topo maps





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

