

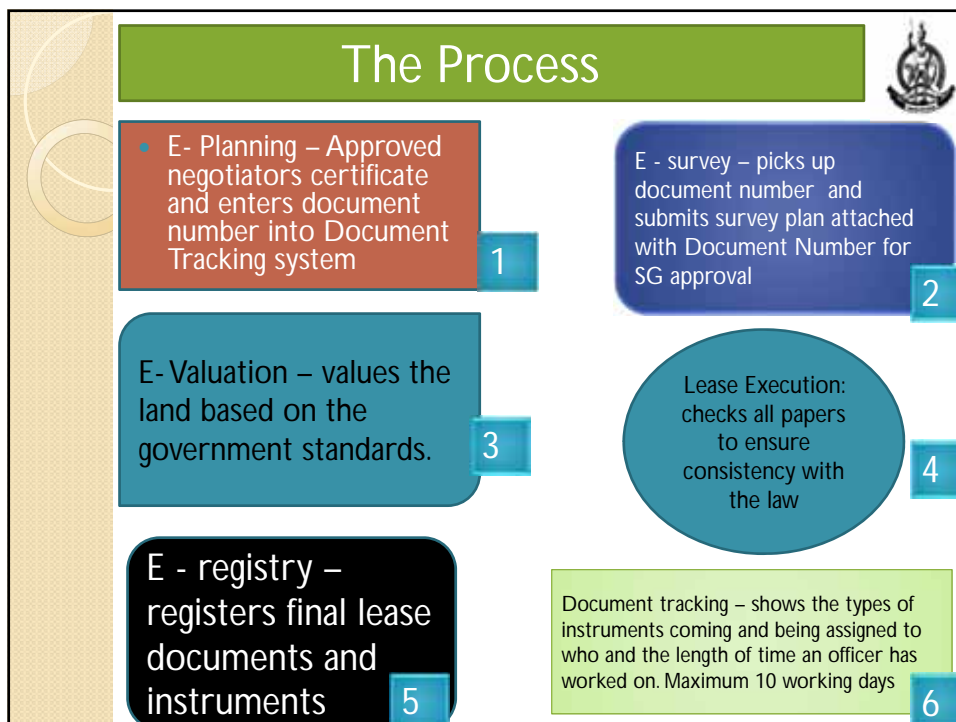
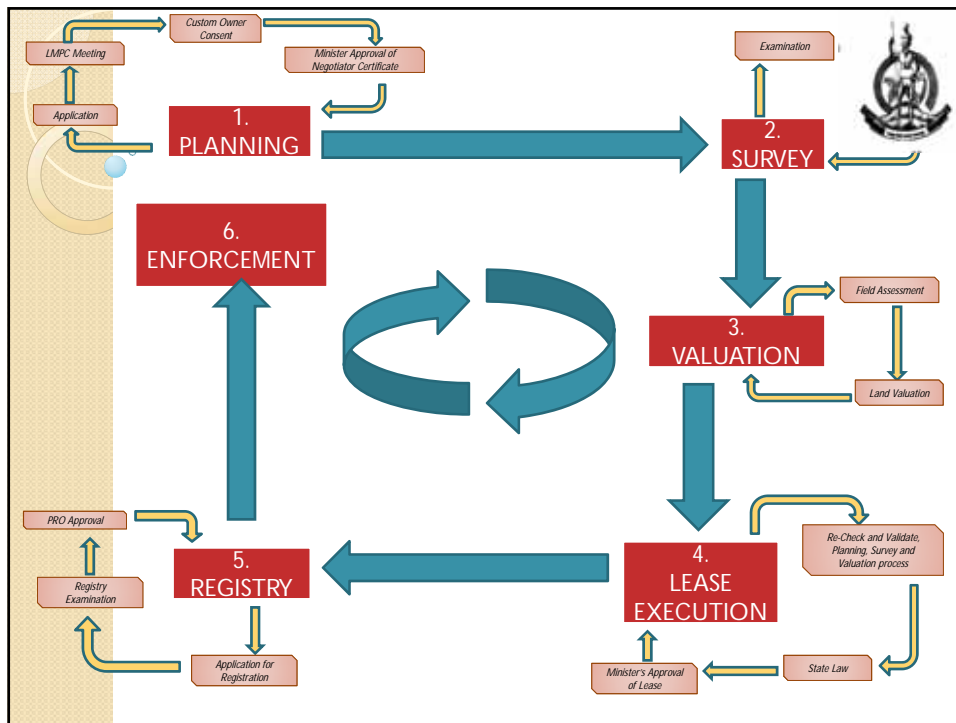
Vanuatu Land Information System. The beginning of a complex Land Integrated GIS system

Williams P GANILEO

Introduction and background

Vanuatu's land management system is often bounded by unclear land owners, political power, unworthy legal Processes and unsafe processing times that often leads to loss of documents

The process is done with none to minimal knowledge of soil types, land policy, erosion level, vegetation and biodiversity. A comprehensive GIS system is necessary to assist the country



Title Information Systems

- 19000 titles that contains leasee's information

Inside a Title Information Sys

The screenshot displays the 'Administrators Title Information System' web application. It features a search bar and a table of search results. The table has three columns: 'NAME', 'TITLE NO', and 'LOCATION'. The results show various names and their corresponding title numbers and locations.

NAME	TITLE NO	LOCATION
ALFRED WILLIAM BEALEY and HELGA GILBERT	1112042000	Not recorded/Have been found
ANDREW WILLIAM CHAPIN	1109102000	Not recorded/Have been found
ANTHONY WILLIAM PHOENIX and ANNELE PHOENIX HANATAKA FELDT	1109102000	Not recorded/Have been found
ARON WILLIAM & SOJA SUZAN SORHOTO	1109102000	Not recorded/Have been found
CHARLES WILLIAM HELME and JILLIE JENNIE HELME	1109102000	Not recorded/Have been found
CHARLES WILLIAM HELME and JILLIE JENNIE HELME	1109102000	Not recorded/Have been found
DANIEL WILLIAM HANLEY	1109102000	Not recorded/Have been found
DANIEL WILLIAM HANLEY	1109102000	Not recorded/Have been found
DOMINIQUE WILLIAM	1109102000	Not recorded/Have been found
DOMINIQUE WILLIAM	1109102000	Not recorded/Have been found
DOMINIQUE WILLIAM	1109102000	Not recorded/Have been found
EMMA ANDREW WILLIAM & KATE CHAPIN	1109102000	Not recorded/Have been found
EDWARD FRANCIS WILLIAM and JOHN PAUL WILLIAM	1109102000	Not recorded/Have been found
ERIK WILLIAM	1109102000	Not recorded/Have been found
ERIK WILLIAM	1109102000	Not recorded/Have been found

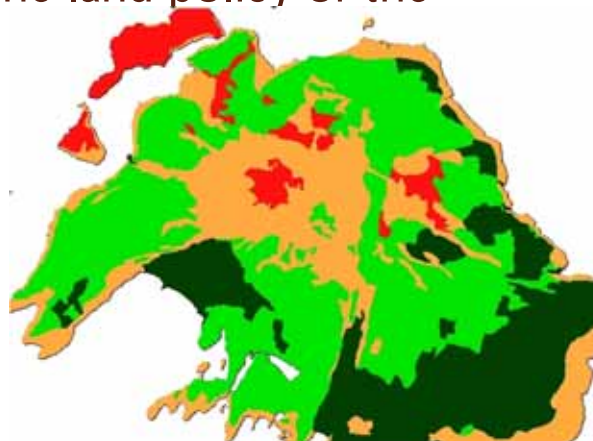
All registered Instruments in TIS

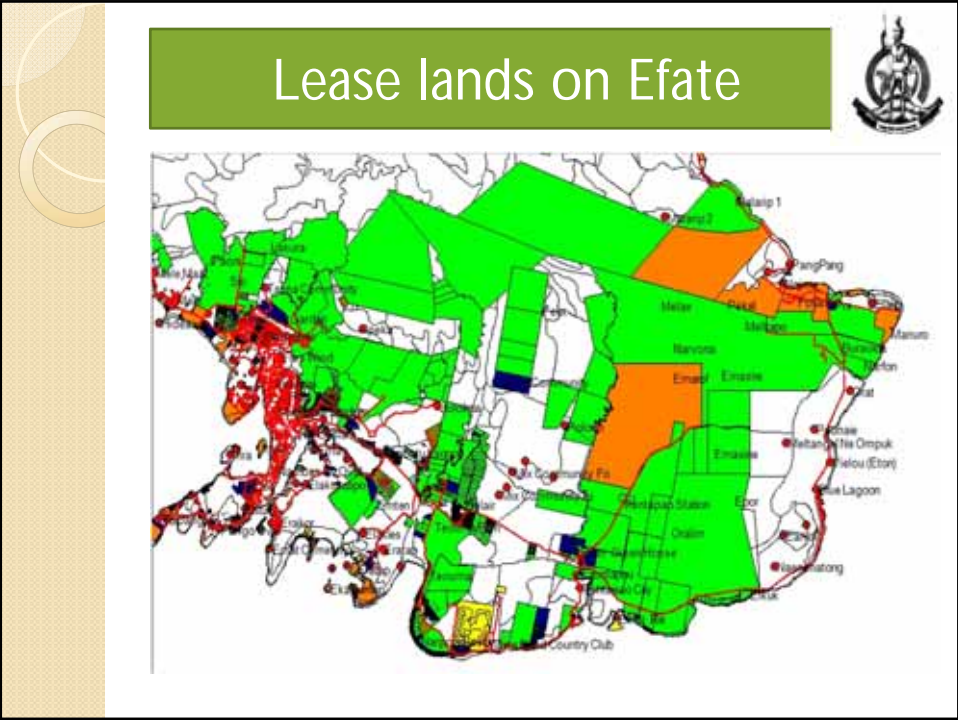


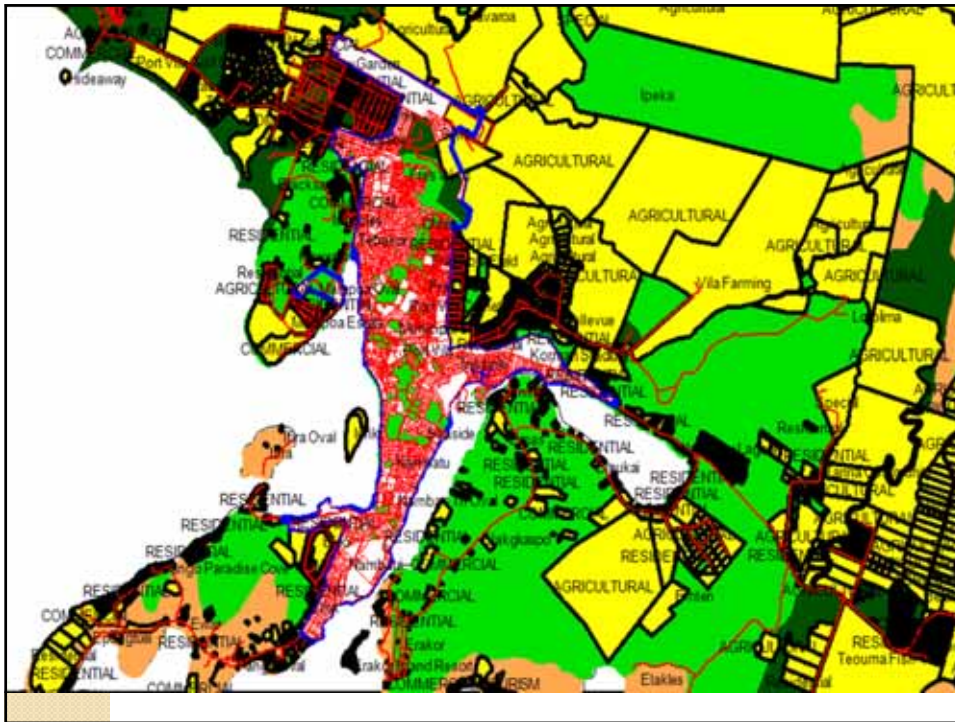
BUT??



All lease lands taken before have rejected the land policy of the islands







We need a country wide planning tool

To ensure that the land use reflects the policy, we need a comprehensive GIS systems

Currently!!



- We are cleaning a 35 years of work of all the data to ensure consistency
- All Image files are stored in Saperion Document Management system
- Textual files in SQL
- We have moved from local map grid system to a Vanuatu Map Grid (VMG12)
- Solved issues of curves with the use of Manifold
- All sections within the Dept of lands are no longer manual but have moved into computerizations (E-systems)
- Preparation to link into the main VANLIS
- Plans to move towards Open Source

Our dreams and hopes



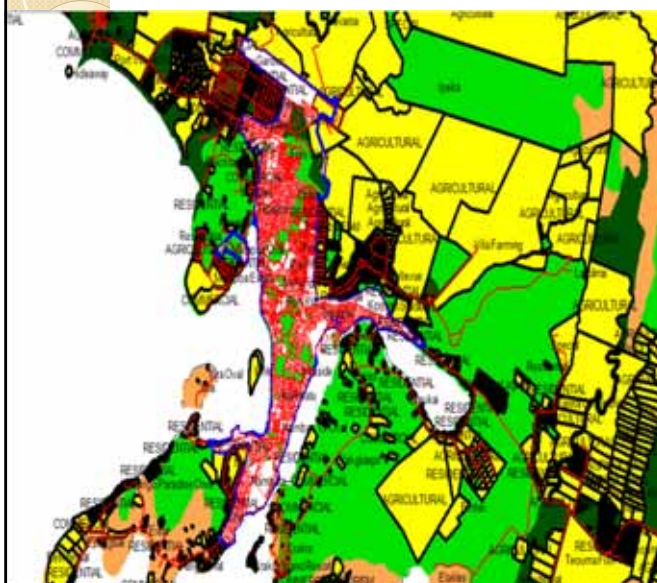
- The introduction of SOLA.
 - Aims to computerize the current RMU, (GIS) mapping systems that holds line, polygons and point data with their attributes, cadastral, planning process, billing system, Valuation roll, lease processes, enforcement and TIS in a more affordable and more sustainable manner

Lessons learned from the past



- Duplicate files, incomplete files, unsafe
- Data was not clean at all
- Lengthy process
- Violation of land policy created land degradations
- High cost of utility

Our final destiny



Link all E systems into one VANLIS system to end poor land use planning but a system that will compromise with the Land Policy of the islands. We can only do this with a **COMPREHENSIVE GIS system**



Tankiu tumas