A NATIONAL PERSPECTIVE ON KEY LEGAL ISSUES IN GEOSPATIAL INFORMATION MANAGEMENT

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Outline

• Geospatial Information Management in Fiji
• National Land Use Master Plan
• Challenges
• Aspirations
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Geospatial Information Management in Fiji

- 1993 Cabinet Decision to set up the Fiji Land Information Council, now known as Fiji Geospatial Information Council (FGIC)
- The FGIC membership is made up of heads of the various government agencies who collect, maintain or have an interest in Geospatial Information Management (GIM)
- FGIC is tasked to deliberate on GIM developments and GIM issues on that concern government
- With the assistance of Fiji Land Information System (FLIS) based at the Ministry of Lands and Mineral Resources, each member within the FGIC was tasked to develop its GIM set up

National Land Use Master Plan

- FLIS to become the central hub for storage
- Using the VanuaGIS platform
- Improve operational efficiency at the department and sector level
- Understand a problem, have better responses and solutions
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National Land Use Master Plan

GIS DATASETS

- Land Use
  - Forestry
  - Tenements
  - Tourism
  - Land Use Land Cover

- Boundaries
  - Surveyed Parcels
  - Tenures
    - [State, Freehold, Native]
  - Zoning/Schemes

- Biophysical
  - Climate
    - [Rainfall & Temperature]
  - Topography
  - Soils
  - Geology

- Agriculture [LUC]
- Sugar Farms
- Infrastructure [Utilities, Roads]
- Town boundaries
- Village boundaries
- Division, Provinces, Districts

Challenges

- Access, combine and integrate different geospatial datasets.
- National coordination of geospatial information across the country to actively collaborate to coordinate the collection, management and use of geospatial information.
- Reliable and accurate geospatial data.
- Dealing with technologies such as drones or mobile mapping devices.
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Aspirations for legal and policy framework

- Facilitate practice for accessing and exchanging spatial information and making it available
- Be an enabler for the creation and management of spatial information
- Promote the sharing of spatial information
- Set a guide for spatial information standards and guidelines, and for consistency and inter-operability between datasets
- Clarify and standardize terminology
- Clarify roles and responsibilities, and reduce overlap duplication

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