14th Meeting of the Permanent Committee on GIS Infrastructure for Asia and the Pacific

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Land Administration Trends and Issues in Fiji

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South-West Pacific Region

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Fiji Islands

Viti Levu

Vanua Levu

Kadavu Is.

Lau Group

Taveuni Is.

Savusavu

Lomaiviti Group

Yasawa

Labasa

Nadi

Suva

Lautoka

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Background on Fiji

- Population – more than 800,000
- **Land Area** – 18,333 sq km (more than 300 Islands)
  - **Native Land** – 88% (Native Land Trust Board)
    - Native Land Commission Register – 7,000 clans, 10,000 Tokatoka
    - Native Land Commission Maps (410) – over 13,000 land parcels
    - ‘Vola ni Kawa Bula’ (Register of Native Fijians) – over 500,000 entries
  - **State Land** – 4% (Dept. of Lands & Surveys)
    - 380 Imperial Record sheets – 2 chains/4 chains/8 chains/16 chains = 1 inch
    - Metric Cadastral Maps – 1:1 000; 1:5 000; 1:10 000
    - Over 90,000 parcels in CCMS
    - Over 40,600 approved survey plans
  - **Freehold Land** – 8% (Registrar General)
    - Over 100,000 Registered Titles
  - **EEZ Area** – 1,163,272 sq km
  - **Highest Mountain** – 4,341 feet (over 900 m)
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Establishment of the Fiji Land Information System (FLIS)

February 1991

Cabinet Decision No.33 of 1991 endorsed that:

- GOF adopt the National LIS Strategy as the prototype for LIS/GIS development in Fiji.
- Minister of Lands and Mineral Resources be responsible for the programme.
- FLIC to be established under the Chairmanship of Permanent Secretary for Lands and Mineral Resources.
Why FLIS?

- quality of land information in Govt. agencies?
- fragmented and stand-alone information gathering & storage – cannot combine
- lack of access to land information – led to duplication
- lack of knowledge - technology
- lack of land information (geospatial) resources available to meet current and future needs
- no standardisation – cannot talk to each other
- lack of appropriately qualified and experience people in Govt. agencies – sustainability and continuity?
- lack of funding
- etc.

Need a CHAMPION to get things done and moving
FLIS Organisation Structure

- Fiji Land Information Council
  - FLIS Support Centre
  - GIS/RS Interest Group
Benefits

- Streamlined processes – titles, lease administration, cadastral and topographic maps, etc.
- Trained & developing staff
- Satisfying management and users requirements
- “Cleaner” & more reliable land records
- Linked systems
- Improved accessibility to data
- Accelerated cadastral & topographical mapping (imperial to metric)
- Supporting National Projects – National Election, National Census, etc.

“Visible benefits came sooner than expected”

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Maps

- Topographical
- Cadastral
- Native Land Commission

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enlargement
Computerised Cadastral Mapping System (CCMS)

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NLC Map

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**Advanced Products**

1. **VanuaView Standard – Cadastral**
   A seamless viewing package based on Computerised Cadastral Mapping System (CCMS) data

2. **VanuaView Standard - Topographic**
   A seamless viewing package based on scanned Topographic maps of Fiji.

3. **VanuaView Standard – Native Land Commission Maps**
   A seamless viewing package based on digitized Native Land Commission maps of Fiji.

4. **VanuaView Customised**
   Vanuaview package customized to customers requirements.

5. **VanualInfo**
   An integrated GIS system for analysis, planning and decision making.

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VanuaInfo
e Land Information

GOVNET

Integrated land Information

- Vanuaview (different Themes)
  NLC, Survey, Topo, Special Themes
- Native Land Commission Maps (Mataqali)
- Cadastral Mapping System
- Survey Plans (Cadastral Lots)
- Aerial Photo & Remote Sensing
- Topographical Mapping
- Cartography

Published Maps

- Integrated DB (Oracle)
  1. Integrated DBS
  2. Move to Geomedia Professional
  3. Digital Updates
  - Survey Plan Journal
  - Valuation
  - Crown Lease Rental
  - LD file Movement
  - Titles
Thank You – ‘VINAKA’