Vanuatu Telecoms Market

1st November 2013

The Government
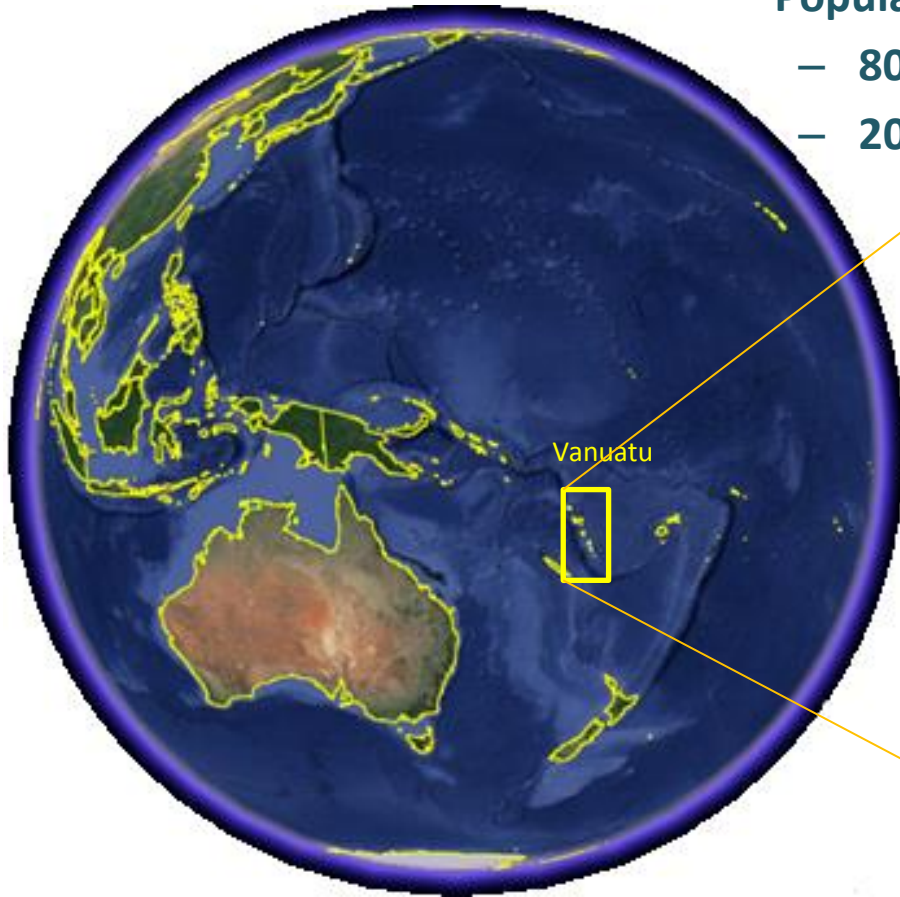of The Republic
of Vanuatu

TRR

Telecommunication &
Radiocommunication
Regulator

Vanuatu

- **83 Islands.. 850 Km N-S**
- **Sea area 12,000 Sq Km**
- **Total land area 5,000 Sq Km**
- **Population: 240,000**
  - **80% rural**
  - **20% urban**

Vanuatu

Vanuatu

Port Vila ★

The Government
of The Republic
of Vanuatu

RRS-13-Asia-Pacific

Nadi, Fiji

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Liberalization in 2008

Telecoms and Radiocoms Regulation Act 2009

Objectives:

(a) Facilitate the development of the telecommunications sector; and

(b) manage radio-frequency spectrum, in order to promote national social and economic development

National ICT Policy

- **National ICT Priorities:**
  1. Access to ICTs in Education;
  2. Access to ICT Infrastructure and Devices;
  3. E-Government;
  4. Integration of ICTs into Sectoral Policies;
  5. Building Trust (Mitigating Risks and Threats related to the ICT Development);
  6. Locally Relevant Content;
  7. Capacity Building; and
  8. Platform for Multi-Stakeholder and Multi-Sector Coordination and Collaboration.
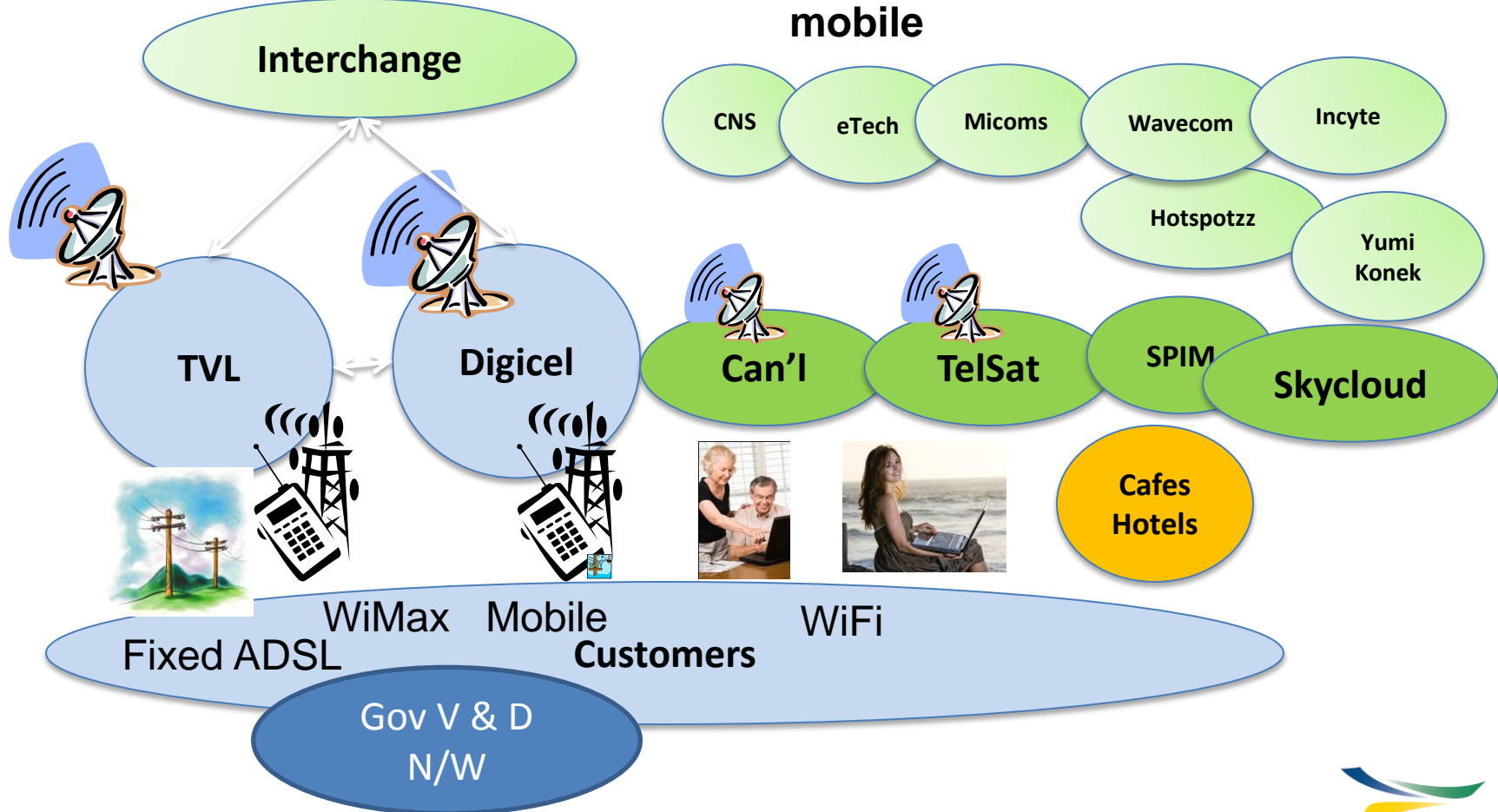
Government Policy Statement

- The Government's Policy expresses a commitment of the Government of Vanuatu to maximise the contribution, efficiency and effectiveness of information and communication technologies (ICTs) in achieving the National Vision of "**A Just, Educated, Healthy and Wealthy Vanuatu**" thereby empowering and benefiting every citizen and resident of Vanuatu. This document will serve as a tool for an effective coordination of efforts of all of the various stakeholders towards achieving this commitment.

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Telecoms Market

**Real Choice
Falling Prices
Increased coverage
Increased economic activity
> 85% of population access to mobile**

Interchange

CNS · eTech · Micoms · Wavecom · Incyte

Hotspotzz · Yumi Konek

TVL · Digicel · Can'l · TelSat · SPIM · Skycloud

Cafes Hotels

WiMax · Mobile · WiFi
Fixed ADSL · **Customers**

Gov V & D N/W

Radio spectrum utilization

- ☐ Public cellular mobile networks
- ☐ Government Broadband Network (e-Government services)
- ☐ Radio and television broadcasting
- ☐ Maritime radiocommunications
- ☐ Aeronautical radiocommunications & safety instrumentation
- ☐ Emergency service and responder agencies
- ☐ National defense and security services
- ☐ Private radio networks
- ☐ Wireless internet access
- ☐ WiFi hotspots
- ☐ Broadband wireless access
- ☐ Rural telecommunications (tele-radio services)
- ☐ International connectivity (satellite)
  - ❖ TVL, Digicel, Telsat & Can'l
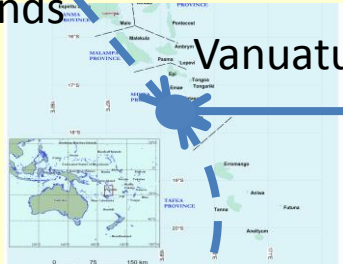- ☐ Consumer wireless devices

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Future Outlook

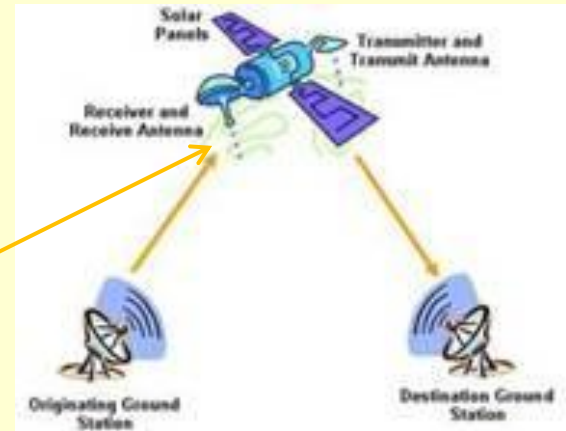**Submarine cable**

Urban centers

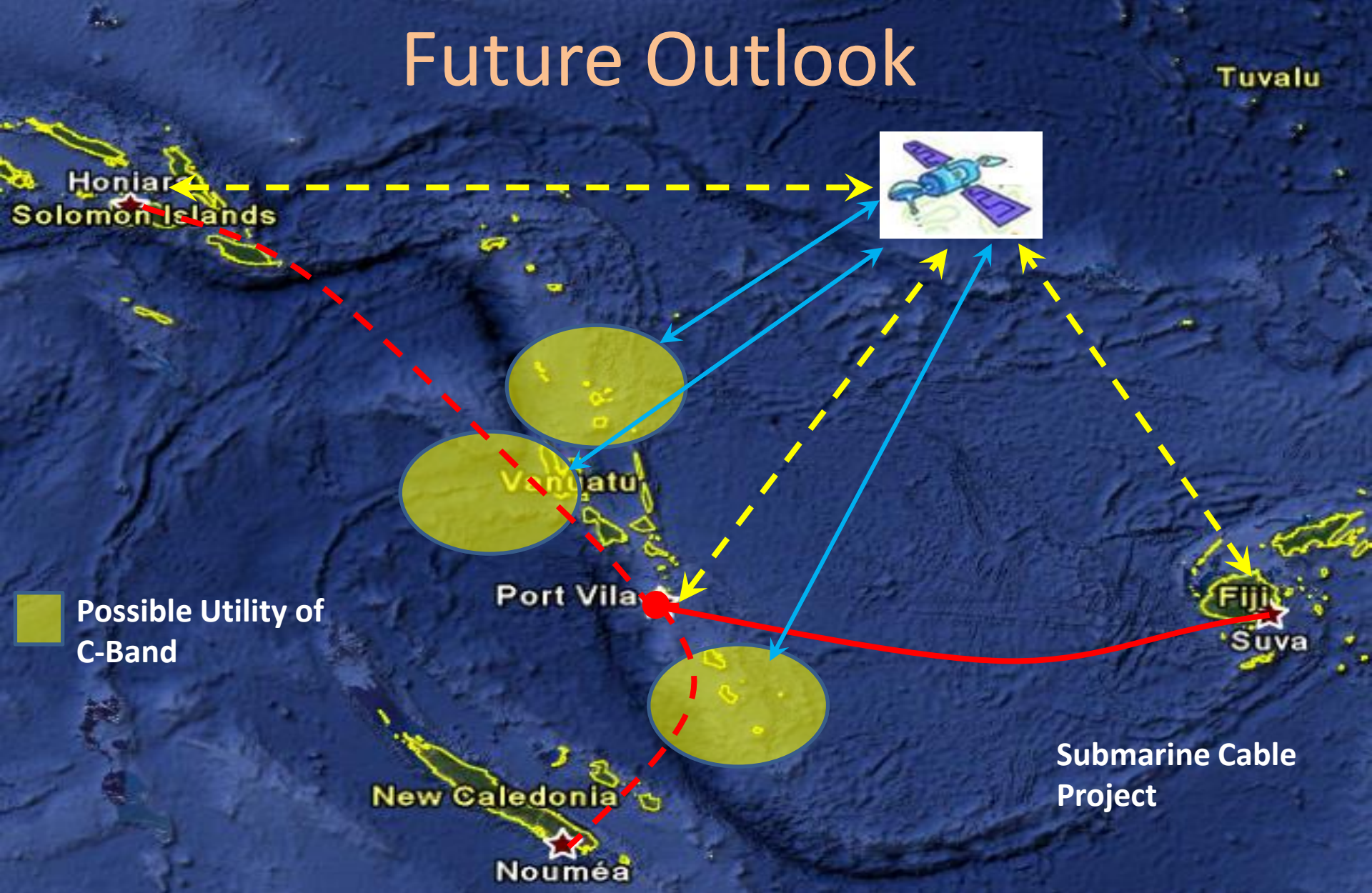Honiara, Solomon Islands

Vanuatu

Fiji

Noumea, New Caledonia

Possible Utility of C-Band

Rural and remote communities

Future of C-Band

❑Low latency

❑Better resistance to rain fade than Ku & Ka Bands

❑Back-haul links where terrestrial microwave not possible

❑ Satellite-based comms services to remote areas

❑Backup for submarine cable – alternative link

❑ Disaster recovery services that rely on satellites may be at risk without C-band

❑ Operator's Choice

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Thank you

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