ICT INFRASTRUCTURE IN TIMOR – LESTE

DIRECTORATE NATIONAL

INFORMATION COMMUNICATION TECHNOLOGY

===DNICT====

MINISTRY OF INFRASTRUCTURE

SECRETARY STATE OF TRANSPORT AND TELECOMMUNICATION
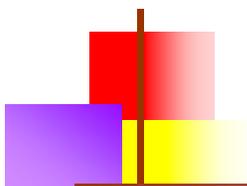
REPUBLIC DEMOCRATIC TIMOR LESTE

Introduction

Geography and Demography:

- **Timor Leste is a newest country in the world**

- **Before, Timor Leste as colony from Portugal during 450 years (1511 – 1975) and 24 years by Indonesia regime (1975 – 1999)**

- **Furthermore Timor Leste got Independent as a new country in the world on 20 May 2002 after referendum on 30 August 1999 and 2 years handle by UNTAET**

- **Timor-Leste occupying 24.000 kilometers square including ATAURO and JACO islands on the eastern territory, half of island of Timor**

- **There is also a small enclave, Oecussi, in the western part of the island**

Organization profile

- Ministry of Infrastructure
  - Secretary state for Public Works
  - Secretary State for Water & Electricity
  - Secretary State for Transport and Telecommunication
    - Civil Aviation
    - Sea Transportation
    - Land Transportation
    - Heavy Transportation
    - Meteorology
    - Postal Services
    - *[ARCOM (regulatory body for telecommunication sector)](#)*
    - *[DNICT](#)*

CURRENT ICT IN TIMOR LESTE

- **UN**

    Providing network services to all UN-staff in un office and some government office

- **TIMOR TELECOM (commercial)**

    Unique operator in Timor Leste that providing telecommunication services in the country and included internet services
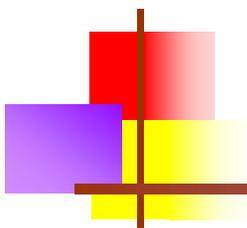
- **GOVERNMENT**

    Providing services to all government institution and other autonomy institutions to support use of the program applications (PMIS, Free balance, passport online, .etc,..)

GOVERNMENT FOCUSED

- Member of ITU
- National Development Plan priority
- Review Policy on Telecommunication Sector
  - Review BOT with existing Telecommunication operator
    - Status quo
    - *Renegotiation*
    - Take over
  - Strengthen Regulatory Body (Arcom)
    - Advisory Assistance (ITU,World Bank, ADB, etc;..)
    - Capacity Building
    - Board members election

- Open competition
  - Invite more operator to invest in telecommunication sector (data and voice communication)
  - Created Inter Ministerial Task Force
- Government National Integrated Network
  - National connectivity project
  - Program Application identification
  - Radio communication Maintenance

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ent	Business	Citizen
	G2B	G2C
	B2B	B2C
		C2C

- Created of substantial part of National ICT
- Support Government Institutions
- Maintenance and Administration of Government Network
- Capacity building
- Government data communication integration

d Activities provided;

d install of hardware and software

nternet Connectivity backbone

vel distribution Network