Country report of Lao

Forum on Emergency Telecommunications

8-11 July 2011
I. Country profile

- Capital: Vientiane
- Area: 236 800 sq km
- Population: 6.8 million (July 2009)
- Urban population: 30%

Telecom
- Fixed lines.
- Mobile: (GSM), 3G.
- CDMA/WLL.

Internet:
- Dial-up.
- ADSL.
- IP Star.
- wireless.
1) About NAPT

- National Authority of Post and Telecommunication (NAPT) has been created under the Decree of Prime Minister of Lao PDR No.375/PM of 22nd October 2007 (former Department of Post and telecommunication)

- NAPT is a state administration under the Prime Minister Office, dealing with administrative issues on Post, Telecommunication and ICT/Internet in Lao PDR.

- For better governance to improve sector performance
I. Organization Structure

National Authority of Posts and Telecommunications (NAPT)

- Institute of P & T
- Dept. Posts
- Cabinet office
- Dept. Planning & Cooperation
- Dept. Telecomunication
- Dept. and Internet

Provincial Office NAPT
2. Role and Responsibility of NAPT

- Formulate Policy, Strategy for long term development plan of Post, Telecom and ICT/Internet and Regulate the sector.
- Licensing Post and Telecom Operators
- Monitoring, Coordination and Licensing of Radio Spectrum and Telephone Number
- Investment Monitoring and Licensing for import and export of telecom equipment & production
- Monitoring of standard of post & telecom
- International Liaison (ITU, APT, ASEAN, etc...)


III. The ICT Policy approach of Lao PDR

- It is the intention to increase ICT services penetration to levels that are available among regional neighbors and major trading partners.

- The policy and legislative framework has been developed in the context of Lao PDR's political, economic and social objectives. Our intention to joint the WTO has also been recognized.
The government have outlined an ambitious, but appropriate range of broad policy objectives that govern our approach to the ICT sector. This involves:

1. Increasing access to ICT, especially in underserved regional areas and communities;
2. Ensure the efficient use of resources;
3. Creating an enabling environment for the adoption of new technologies;
4. Removing the obstacles to competition and eliminating anti-competitive practices;
5. Encouraging foreign investment;
6. Developing ICT skills and competencies in government, industry and society; and
7. Ensuring the availability of services at affordable prices.
IV. Telecommunications Infrastructure

Telecommunication Operators

1. Lao Telecom Co. Ltd (LTC):
   - Fixed lines, Mobile telephone, Wireless Local Loop
   - and Internet Service, International telephone

2. Enterprise of Telecommunications Lao (ETL)
   - Fixed lines, Mobile telephone, Internet Service and,
   - International telephone

3. Star Telecom
   - Fixed lines, Mobile Telephone, internet

4. Millicom Lao Co.Ltd (MLL)
   - Prepaid Mobile Telephone, and internet
   - (Tigo)
The sector consists of 3 fixed line operators, 4 mobile players, and 8 Internet Service Providers.
Current Structure of our local ICT sector

- Our local ICT sector is now under developing, although coming off a low base.
- Our ICT is improving but faces a number of structural limitations including a lack of:
  1. Computer literacy
  2. Local content and Lao language material
  3. A widespread availability of PC.
➢ Ready to provide ICT services in rural and remote areas.

➢ Mobile phone is expanding to rural, 80% of the country has mobile coverage.

➢ All provinces has connected by fiber optic, cables which is import for potential ICT services.
Emergency Telecoms

- Facilitate for enable networks and services
  - Coordinate between the stakeholders
    - Disaster Management Centre
    - Meteorological Office
    - Telecom Operators
    - Media
    - Priority Calling
Event Disaster in Laos
V. Conclusion

- In present, information and communication technology is one of the most advanced technology which has a tremendous important role in development.

- The governmental should be issue master plan and priority this project.

- ICT in Lao PDR is still in the beginning (new) and a lot of works/efforts are needed for the successful of the development.
THANK YOU