Lao National E-Government Project

Capacity Building Programme on Local E-Government
1-3 December 2010, Seoul, Republic of Korea

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Presentation Outline

> Brief Overview of National Authority of Science and Technology.
> Overview of Lao National E-Government Project.
> National e-Government Infrastructure.
> IT Equipment and Facility to Government Organization.
> Development of E-Government Applications.
> Human Resource Development and Training.
> Challenge
Brief Overview of National Authority of Science and Technology (NAST)

- National Authority of Science and Technology (NAST) is a central organization equivalent to sub-ministry within the Prime Minister’s Office (PMO), plays role of assisting the PMO in organizing and administering at macro level. The research and service relate to the Science, Technology, Intellectual Property, Standardization and Metrology throughout the Country.

- Organization Structure

- Provincial level: Department of Science and Technology in the provinces.
Overview of Lao National E-Government Project

• Under the Initiative of Lao e-Government Action Plan in 2006, Government of Lao PDR has authorized the NAST cooperated with Acatel Shanghai Bell (ASB) of China, implemented the Lao National E-Government Project.

• The Vision: To adopt ICT tools across various tiers of administration at the Ministries, Departments, Provinces, Districts and Villages of Lao PDR to bring about SMART Government and offer appropriate e-interfaces to the people (in cities as well as villages) through electronic delivery channels.

• Project Committees consists of:
  1. E-Governance Steering Committee
  2. E-Government Implementation Committee
  3. Implementation Technical Teams
Overview of Lao National E-Government Project

• The National e-Government Project shall consist of the following Scope and development:
  – Establish the National e-Government Infrastructure.
  – IT equipments and facilities to Government Organization.
  – Development e-Government application.
  – Training and Human Resource Development.
Establish the National e-Government Infrastructure

E-Government Vientiane Capital Network Overview

- Lao National Internet Committee
- National E-Gov Service Center
- Ministry of Defense (MOD)
- Government organizations
- Citizen and Business
- Governor Office
- Provincial E-Gov Service Center
- 16 provinces
Establish the National e-Government Infrastructure

Optical Fiber Cable (OFC) In Vientiane
IT Equipments and Facility to Government Organizations

> National e-Government Service Center in Vientiane Capital (ITRI of NAST)

> Provincial e-Gov Service Center in 16 Provinces

> IT equipments install to 127 government organizations:
  > 3 Training room at e-Gov Service Center.
  > 51 Teleconference room.
  > IT equipments and network installation in Vientiane Capital (130 government organizations, 9 districts and 100 villages)
  > IT equipments and network installation in 16 provinces for 192 government officers. (16 Provincial Governor’s offices, 16 provincial e-Gov service centers, 9 departments and 1 district officer in 16 provinces)
Development of E-Government Application
National Portal (www.laopdr.gov.la)

Administrator:
- in Service Center
- in Government Offices

Government Employment
Business Sector
End-Users:
- General people
- Members

Students
Citizens

Content Providers:
- Registration Forms
- Distance Learning
- Information
- Location Direction
- Sell and Advertising

Data in e-Portal
Data links to e-Portal
Internet

E-Service
- e-Document
- e-Archive
- e-Registration
- e-Learning
- e-Map
- e-Resident Book
- e-Staff

Communication
- e-Mail
- Real Time Messenger (RTX)
- Forum
http://www.laopdr.gov.la
Member of e-Portal
Human Resource Development and Training

1. Technical Training for Administrators at the e-Government Service Center in Vientiane Capital
   - E-Government Network Infrastructure for 8 government officers.
   - Network hardware and software for 8 government officers.
   - IT equipments and facilitators and Teleconference meeting control for 20 government officers.
   - On-site Technical training for installation and development of application system.

   • E-Government Technical Training Program to Government Technical Officers from Ministry, Department in E-Government Network Administration and E-Application Administrations.
   • E-Government Content Input to e-Government Application.
   • E-Government End User Training Program for Government Officers (E-Portal, E-Document, E-Achieve and E-Map)
   • E-Government End User Training Program for citizens
Challenge

• Inappropriate definition of project scope. e.g., To install IT equipments and network connection to all districts and 1200 villages in Vientiane capital face with the lack of telecom infrastructure and electricity.

• A gap exists for all e-government projects between the design assumptions, requirements and the reality of the client public agency.

• Partial automation (back-end not computerized).

• Lack of motivation in middle level management and operational staff of Government.

• Lack of IT skills in the district and village level and provincial level.
Thank You for Your Attention

Lao PDR

http://www.nast.gov.la