

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

# Lao National E-Government Project

Presented by:

**Charuda LUANGLATH**

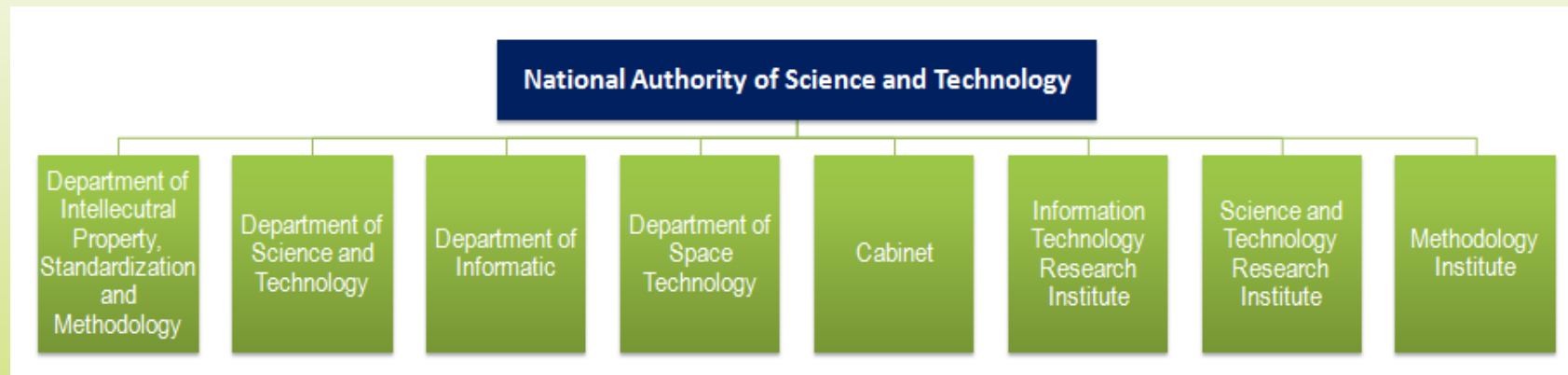
Information Technology Research Institute  
National Authority of Science and Technology  
Lao PDR

# 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.





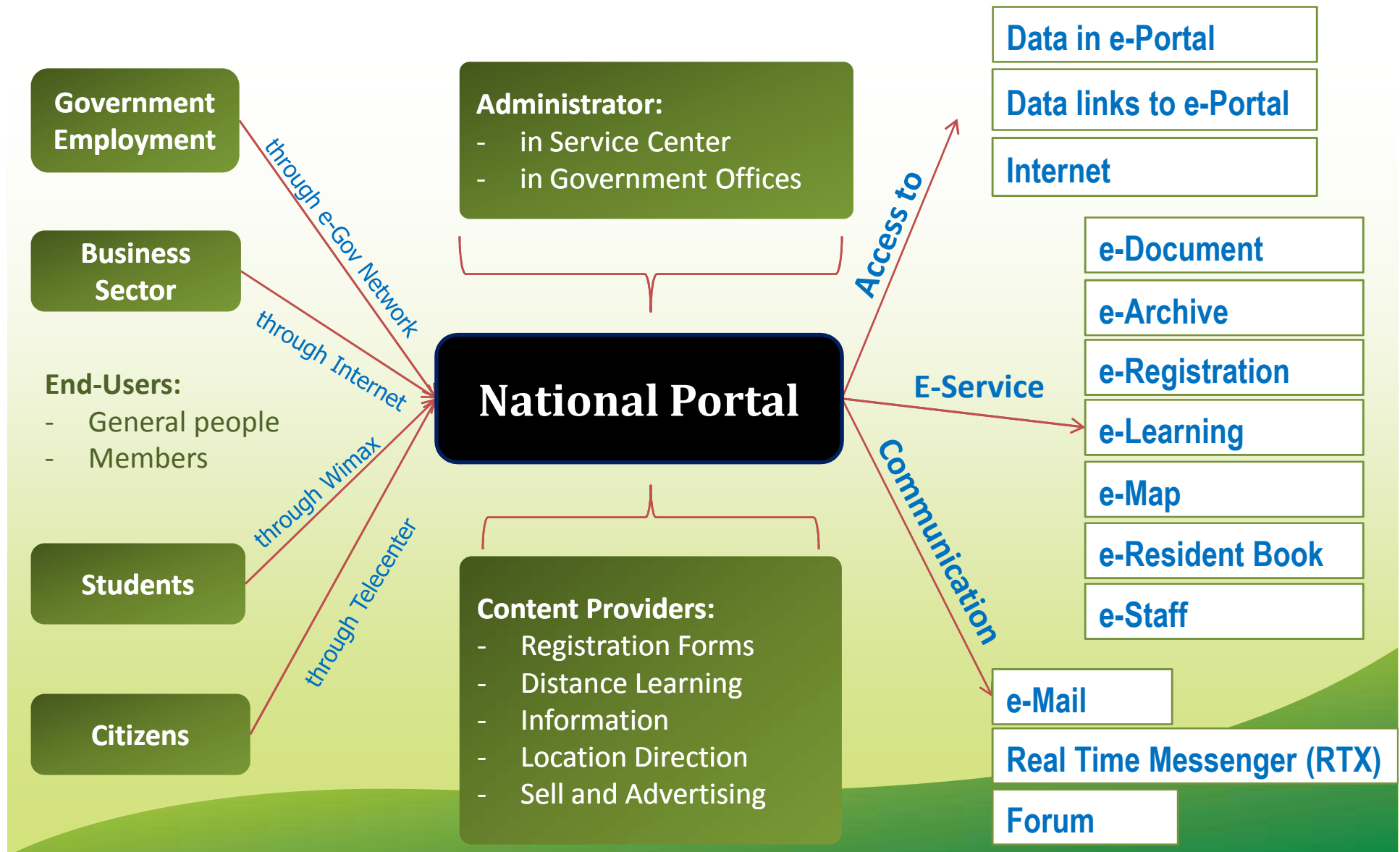
# IT Equipments and Facility to Government Organizations

- > 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)





## Organization

- Politic
- Legislative
- Parliament
- Government
- Organization-Association
- Education-Health
- Religion-Society
- Tourism-Sport
- Finance-Banking
- Business Sector

## User Login

Login Name:

Password:

[New user](#) [Forget Password](#)

## Emergency Call

Fire	190
Police	191
Hospital	195
Water Supply	196
Electricity	199
H1N1	166
General information Center	168

## Hot Events

- Laos, Brunei promote President Choummou
- President visits Brunei
- Vientiane Capital's An extraordinary event
- Saudi Arabian prince Prince Al Waleed Bin
- Vientiane meeting (15/11/2010 08:00)

### E-Archive

### E-Map

### E-Registration

### E-Learning

### E-Household Book

### E-Staff List

### Messenger

### Scan Virus

## Politic

- PM departs for inaugural Tiger Summit (23/11/2010 08:00) Prime Minister Bouasone Boupavanh [more>>](#)
- Lao Prime Minister Arrives in Cambodia (17/11/2010 08:00) Prime Minister Bouasone Boupavanh [more>>](#)
- UN leader in Laos for official visit (09/11/2010 09:00) United Nations Deputy Secretary-General Dr Asha-Rose Migiro [more>>](#)

## Economy

- Govt satisfied with investment value (23/11/2010 09:00) The government was able to mobilise more investment
- Seven private companies raise money (17/11/2010 08:00) to fund Vientiane celebration
- Trade fairs opened on Monday in Vientiane (16/11/2010 08:00) Two trade fairs opened on Monday in

## Society

- HIV regional strategy prevalence improves (24/11/2010 09:00) 150 officials in 15 countries from the Ministry of Public Health [more>>](#)
- Lawmakers to address violence against women, children (23/11/2010 08:00) The National Assembly (NA) will push [more>>](#)
- Devotees flock to That Luang (22/11/2010 10:00) Celebrants from Laos' 16 provinces

## Sport

- 5 out of 7 Lao boxers defeat Thai competitors (24/11/2010 10:00) Five out of seven Lao boxers beat
- 5th Prime Minister's Cup opens (17/11/2010 10:00) The 5th Prime Minister's Cup opens

24/11/2010 Wednesday

## Weather

Vientiane	27°C~ 38°C
Luangphrabang	25°C~ 36°C
Pakse	27°C~ 37°C
Savannakhet	25°C~ 35°C

Partly Cloudy  
Isolated Showers  
Isolated Showers  
Isolated Showers

## Money Exchange

Currency	Buying	Selling
USD	8,100.00	8,135.00
EUR	11,032.00	11,087.00
AUD	7,758.00	7,913.00
THB	266.23	267.58

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E-mail: [itri@nast.gov.la](mailto:itri@nast.gov.la)

<http://www.laopdr.gov.la>

# Member of e-Portal

The screenshot displays the National Port e-Portal interface. At the top, there is a logo on the left and the text "National Port" in the center. Below this is a navigation bar with tabs for Home, Lao Profile, News, E-Service, Forum, Search, and My Private. The E-Service tab is active, showing a dropdown menu with options like E-Apps Management, E-Portal Management, E-Document, E-Archive, E-Map, E-Registration, E-Learning, E-Household Book, E-Saff List, Messenger, and Scan Virus.

On the left side, there is a vertical menu with categories such as Organization, Politic, Legislative, Parliament, Government, Organization-Association, Education-Health, Religion-Society, Tourism-Sport, Finance-Banking, and Business Sector. Below this menu is a "Request to Add" button and a "Welcome" section indicating the user is logged in as "charuda (Charuda)" with a "Logout" button.

The main content area is divided into several sections:
 

- Hot Events:** A list of recent news items, including "Laos, Brunei promote President Choumma", "President visits Brunei", "Vientiane Capital's 40th anniversary", "Saudi Arabian prince", and "Vientiane meeting with UN Secretary-General".
- Politic:** News items such as "PM departs for inauguration in Cambodia", "Lao Prime Minister Arrives in Cambodia", "UN leader in Laos for official visit", and "Devotees flock to That Luang".
- Economy:** A snippet of news about investment value.
- Sport:** A snippet of news about a boxing match.

On the right side, there are several utility widgets:
 

- Calendar:** Shows the date "24/11/2010 Wednesday".
- Weather:** Provides weather forecasts for Vientiane, Luangphrabang, Pakse, and Savannakhet, including temperature ranges and conditions like "Partly Cloudy" and "Isolated Showers".
- Money Exchange:** A table showing exchange rates for various currencies.
- Advertisement:** A banner for advertising with contact information: "Contact us: 021 242769" and "E-mail: itri@nast.gov.la".

Currency	Buying	Selling
USD	8,100.00	8,135.00
EUR	11,032.00	11,087.00
AUD	7,758.00	7,913.00
THB	266.23	267.56

# 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>