



ກະຊວງ ວິທະຍາສາດ ແລະ ເຕັກໂນໂລຊີ

Ministry of Science and Technology

ກວຕ

MOST

# **WIPO – Regional Seminar on Intellectual Property Transfer Technology and Commercialization**

## **Facilitating Technology Transfer and Management of IP Assets: Country Experience**

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# I. Introduction

- ❖ **The main economic sectors:**
  - **Electricity , Mineral, Agriculture, Textile-Garment, Tourism.**
- ❖ **Organization:**
  - Ministry of Science and Technology:**
    - **Department of Intellectual Property**
    - **Department of Technology and Innovation**
    - **Ecology and Bio-Technology Institute**

## **Role and Function**

DTI was tasked with the role and functions secretariat for the MOST on the development and macro management of policies and strategies in the promotion of technology and innovation with the role and function as follows:

- Study of national policies and strategy on T&I
- Formulate legislation on management of T&I
- Promote research on T&I
- Provide services on T&I
- Act as central coordination body with line ministries and monitoring of T&I activities
- Promote technology transfer, application and creation of T&I.

## II. Policy and strategy

### The Government's policy:

- Country Development Direction up to 2020
- National Socio-economic Development (2010-2015)
- National Strategy on ST Development
- Millennium Development Goals (MDGs) by 2015,
- Lifting of least developed country status and

- Industrialization and Modernization by 2020
- The application of STI as a driving force for the socio-economic development.
- To apply STI in promoting production, increasing the productivity and quality.
- To promote the creativity knowledge in the production process to delivery of new innovative products and services.

# Legislation:

- Law on ST(2013)
- Intellectual Property law(2007), (amended 2011)
- Law on standardization (2007)
- Law on Metrology
- E-transaction Law
- Transfer Technology Decree (waiting for aproval)
- Biotechnology Law
- and other concerning ...

# National Strategy on ST Development:

- The strategy is determined a direction development of STI from now to 2020 and a vision up to 2030.
- To develop STI system of Lao PDR's basically lifting from least developed status by 2020.
- Create factor to establish the national innovation system and advantage-modernization.
- Apply STI into incentive development of the country.



- The Strategy consist of 6 Action Plans:
  - (1) Dissemination, create awareness on STI,
  - (2) Improvement of the organization, systematization of management mechanism on STI's activities,
  - (3)HRD,
  - (4) Apply R&D in priority area and sectors (IT, Biotech, Renewable and new material, Machinery and automation technology)
  - (5) Provide ST services for society and people in remote areas, and
  - (6) Cooperation with international

### **III. Vision and Mission**

#### **Vision:**

Using technology and innovation to promote production, business and services in widely and nationally 2020.

#### **Mission:**

To formulate and implement national policies, strategies, carryout technology assessment , technology statistic data, promote and develop innovation, human resources development and services for enhancing national economic and social development effectively.

## **Road map:**

Development plan up to 2015 and beyond:

### **Legislation:**

- Decree on Technology Transfer,
- Decree on High Technology,
- Decree on Innovation and related regulation.

### **Human resources :**

- Awareness on Technology and Innovation to the public ( Advertisement , training , seminar workshop ),
- Formulation of curriculum on technology and innovation for University level.

# **Using Technology and Innovation to promote production, business, services and encourage creativities:**

- Surveying and Assessment on the need of T&I,
- National policy and strategy on T&I,
- Establishment of Statistic data base on T&I,
- Setting up the Technology and Innovation Service Center.
- Promotion of Research and Development
- Promotion and application of Innovation
- National Innovation Excellent Awards and Tech-Market.

# IV. Issues and Challenges:

## ❖ **Issues:**

- 1. Institutions responsible for technology transfer and innovation management are lack of experiences and skill .**
- 2. Research activities and applies technology.**
- 3. Networking or linkage among public and private sectors.**
- 4. Infrastructure on R&D**
- 5. Limitation of funds to support activities,**
- 6. Disseminate the knowledge experiences and best practice on TT.**

## ❖ Challenges:

To harmonize with regional and international especially to join AEC in the year 2015 and in the global market with the high competition on trade and economic, Lao PDR has to use those opportunities to adopt technology transfer and exchanging advantage and modern STI but there are some challenges:

- Absence of specific regulation on TT
- Competent Human Resources and research capacity
- Research capacity and technological and Innovation performance.
- The Gaps between Private and Public sectors,

- Lack of infrastructure and facilities for production, trade and services.
- Business sectors have limited knowledge and awareness on harmonization of economic with regional and international.

## **V. Future Direction:**

- Issue Prime Minister's Decree on TT,
- Policies and strategy on Technology and Innovation,
- Setting up T&I services Center,
- Establish the data base system of T&I
- Dissemination T&I to the public
- Apply technology knowledge in to process of production for increasing productivities and quality.





**Thank you for your  
attention**