



**INTERNATIONAL WORKSHOP ON ENERGY  
EFFICIENCY AND RENEWABLE**

**23-25 MAY 2018, BEIJING, CHINA**

# **Energy Statistics in Lao PDR**

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**Lao Statistics Bureau, Ministry of Planning and Investment**

**BEIJING, CHINA 23-25 MAY 2018**

# Outline

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Data Collection

Energy sector in National Socio-Economic Development plan

Data collection of energy

Type of Energy

Development Plan of the Stats

# Background

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Lao statistics bureau is the organization responsible for coordinating, collecting, processing, analysis and dissemination of the official statistics in Lao PDR,

Line ministries, and Provincial Statistics Central is responsible for administrative data in collecting and compiling

# Data Collection

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Received administrative data from line ministries and Provincial Statistics Central and from others survey...

The main objective of data collection is providing for compiling the national accounts, Annual statistics publication and especially for support government policy makers and planners

# Energy sector in National Socio-Economic Development plan

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The government emphasize in the National Socio-economic Development Plan as:

Focus on hydropower development, thermal electric power, solar energy and industrial plants energy in order to turn the power sector into a sustainable income-generating sector to support various productions and solve the people's poverty. Although the 8<sup>th</sup> NSEDP aims to move away from a natural-resource-based and extractive-industries-dependent economy, mining is a substantial industry contributing significantly to export and continued but sustainable and inclusive economic growth is planned. This will be accompanied by policy and regulation to ensure that social and economic benefits are realized by local populations and the Lao people in general.

# Data collection of energy

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- Ministry of Energy and Mines (MEM) is main source for providing administrative data.
- Annual establishment survey provides production and expenditure on energy as input for processing in production, included raw material, electricity, petroleum, and gas.
- Annual household survey, Lao expenditure and consumption survey ( LECS) provides energy production from household, and expenditure on energy for final consumption and intermediate input of operating for household business.

# Type of Energy in Laos

- Hydropower
  - Lignite
  - Solar
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➤ Hydropower: There are 52 dams, and only 1 is lignite

And Generation of electricity in 2017 is 31.055.991.191 KWH, of which 64% is dams

➤ Share of Energy in GDP 10.55%

➤ The values of export in 2017 is 24901605160 KWH, 1,299,751,569 USD

➤ Domestic Consumption in 2017 is 4.966.323.382 kwh, 448.059.142 USD

➤ The electricity consumption rate shall cover 84percen

➤ The solar farm project will begin generating 50 MW of Solar power for Vientiane consumers and up to 100 MW in 2020

# Development Plan of the Stats

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- (1) Produce statistics to support calculations of the specified indicators which will be included in statistical datasets at national, provincial, sector and local levels in each period. Strive to report quarterly statistics usually. At the same time, sector indicators should be developed.
- Improve the monitoring system and streamline the industrial statistical information system, efficiently and effectively; quality assurance, comprehensive, clarity based on principle and international practice, including promote apply classification into systemically.
- Improve systematic registration statistics and conduct quarterly and annual enterprise and economic surveys every five years.
- Systematize data collection system, compile and produce industrial statistics in special and specified economic areas to serve for evaluated contribution of such areas to economic growth.



# Development Plan of the Stats

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- (2) Build a database and create data documentation relying e-GDDS for general dissemination.
- Establish a data transferring system from local to central levels to ensure that the transfer is done in a quick, timely, complete, accurate and statistically verifiable manner.
- Enhance knowledge and build capacity of staff ministry, division and district levels particularly in data collection, data processing and data management.
- Improve coordination and cooperation among government organization, from central to local levels, who are responsible in statistical production.
- Play the main role in coordinating; allocate and attract source of government funds to implement statistical production, that is, economic and enterprise surveys in each period.

**Thank you**

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