

<b>Concept Paper</b>		
<b>“Training on Energy Statistics and Publishing of National Energy Data for Afghanistan, Bhutan, Maldives and Nepal” (2-Day in each country)</b>		
<b>Training</b>	<b>PETREN</b>	<b>Afghanistan, Bhutan, Maldives and Nepal</b>

**Background:**

Reliable energy information is essential for monitoring, planning and controlling energy situation in a country. Precise, timely and detailed statistics are imperative for formulating sound energy policies, designing strategic development and investment plans. However, the quality and depth of energy information available in the developing countries are either low, fragmented or fall below the required level of international standards.

Effective policies cannot be developed without careful analysis of the situation under consideration and that requires reliable, current and precise data/information. Therefore, the data and information must be accurately collected and prepared in a usable format, timely and continually updated and disseminated through various channels to the end users.

**Introduction:**

SAARC Energy Centre has been publishing SAARC Energy Data Books since 2013. These books are being published every year based on the secondary data since the most recent data is not readily available. In order to make the most updated energy data and information available to the end users, policy makers, researchers and international energy community at large; each Member State needs to update and publish the national level energy data in an international standard, in a timely manner. For this, relevant professionals of the Member States need to be strengthened in developing energy statistics and energy balances of their respective countries.

Subsequent to building capacity of the professionals of the SAARC Member States on Energy Statistics, SEC plans to initiate establishing of SAARC Energy Information System, an IT based Energy Database in the near future. Program activity "Establishment of SAARC Data Bank on Demand, Consumption, Supply Chain, Prices etc." was proposed by the First Expert Group Meeting of Oil and Gas. In continuation of developing SAARC Energy data Book, this year SEC has developed a standard software toolkit for publishing the National Energy Data Book for the SAARC Member States.

**Objectives:**

The objective of this activity is to provide training on energy statistics and publishing of national energy data, to the relevant professionals of government organizations of the SAARC Member States; like, Afghanistan, Bhutan, Maldives and Nepal. The training shall be offered on a software tool and methodologies for:

- Collecting national energy data and organizing it by different fuel types and economic sectors.
- Creating complete energy balances and finally publishing national energy data for the country

**Major Aspects/ Topics to be covered during the Training:**

The training on energy statistics and publishing of national energy data will cover the following:

- How to collect energy data from different sources?
- Best practices in searching energy data
- Organize national level energy data by different fuel types and economic sectors
- Management of country's time-to-time energy data operations
- Ensure and maintain a continual improvement of national energy balances.
- Help to publish national energy data book using standard software toolkit.

**Relevance, Coherence and Sustainability:**

This training programme on energy statistics is targeted to statisticians of government organizations of the Member States, organizations responsible for maintaining energy databases and energy policies, regulators and utility companies. Capacity building of the statisticians and professionals responsible for managing energy data in the Member States will be enhanced for maintaining energy data and information in the most updated and timely manner. This capacity development shall contribute in implementing SAARC Energy Information System, which SEC is planning to establish later in the future. The region will; therefore, have reliable, timely, accurate, detailed and complete information on.

**Potential Professional Resources/ SEC's Intellectual Contribution:**

A two-day independent training shall be organized in Member States Afghanistan, Bhutan, Maldives & Nepal for relevant professionals and statisticians of the energy-related government organizations. During the training, the participants shall be exposed to the tools and techniques on how energy data from the different sources are collected, how to organize the collected data by energy type and economic sectors in the internationally adopted format. The training shall enhance the capacity of the trainees in developing and creating energy balances and publishing national energy data for their respective country.

**Venue of the Training:**

This two-day training on Energy Statistics shall be conducted in Afghanistan, Bhutan, Maldives and Nepal in collaboration with a suitable organization / knowledge partner in the respective Member States.