

# SAARC Dissemination Workshop for the Study on “Promotion of Trans-Border Business of Crude Oil and Petroleum Products in the SAARC Region”

Kathmandu, Nepal on 28<sup>th</sup>-29<sup>th</sup> November, 2019

*Presentation on SAARC Energy Centre*



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# SAARC Energy Centre



## SAARC Energy Centre Introduction

# SAARC Energy Centre

## Establishment

- Year 2006 at Islamabad, became functional in 2008

## Overall Objective

- Initiate, promote and facilitate cooperation in energy sector of the SAARC Member States for benefit of all

## Funding

- SAARC Member States; supervised by a Governing Board comprising all the Member States

## Technical Resources

- Professional staff selected from the SAARC Member States
- Expert services through outsourcing

## Networking

- ADB, WB, UN-ESCAP, ACE, UNDP, UNIDO, USAID

# SEC Role and Functions



- Initiate, coordinate and facilitate regional, joint and collective activities on energy in the SAARC region
- Enhance development of SAARC expertise in energy development and management
- Provide technical inputs for the SAARC working group on energy, energy ministers' forum and other SAARC meetings on energy
- Promote private sector investment and participation in energy activities of the region
- Be a catalyst for the economic growth and development of the South Asia region

# Spectrum of Activities of SEC



Power and Energy Trade

Energy, Transport &  
Environment

Energy Efficiency & Renewable

Technology Transfer

Rural Electrification

*To accomplish the objective,  
The center is involved in:*

- Research Studies
- Knowledge Sharing Workshops
- Dissemination Seminars and webinars
- Pilot / Special Projects
- Energy Related Events

# SEC Program Directions



*The Centre Operates under directions of:*

Summit

Energy Ministers' Forum

Standing Committee Through Programming Committee

Working Group on Energy / Four Expert Groups

Governing Board

Participatory Design - Collaboration with Member States

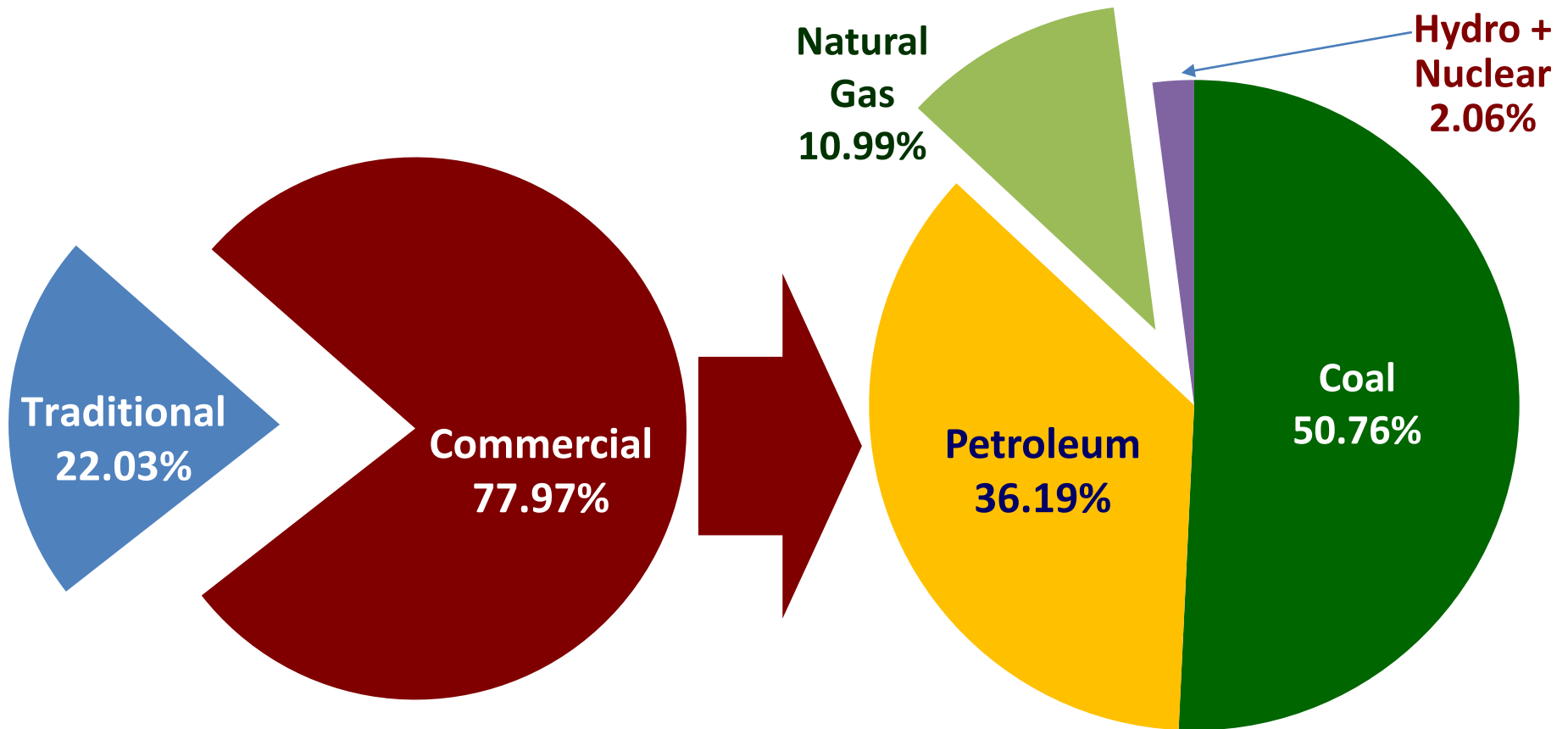
Five Year-Strategic Plan

# SAARC Energy Centre



## Energy Scenario in SAARC

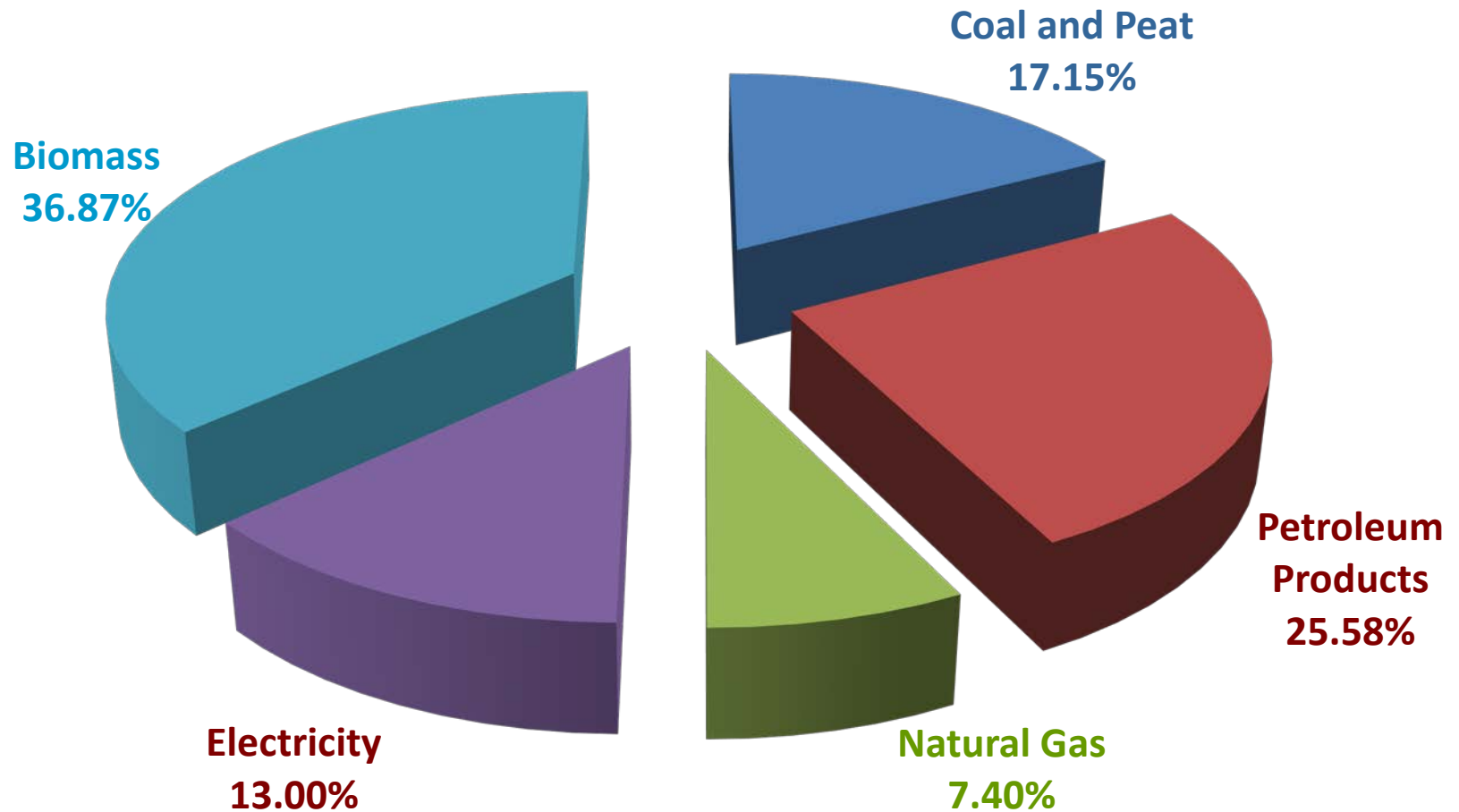
# Total Primary Energy Supply



**Total Primary Energy Supply: 963 MTOE**



# Final Energy Consumption by Fuel Type



**Total Final Energy Consumption: 642 MTOE**

# SAARC Energy Centre



## SAARC Activities

# SEC Activities

- Renewable Energy
  - Research of effective Policies and regulations in SAARC region
  - Installed Capacity of Member States and project status, Demonstration Hybrid Solar Projects at Kabul & Islamabad
  - Knowledge sharing on mechanisms such as Reverse Auction, Net-metering, Feed-in-Tariffs etc
  - Global/Clean Funding Sources identification, Global Success stories
- Energy Efficiency and Conservation
  - Leading methods and technologies around globe
  - Proposed interventions for SAARC region
  - Knowledge sharing/trainings on Standards, Labeling and Certification
- Electric Transport
  - Comparison with other technologies, Infrastructure required
  - Local Auto Manufacturers feedback, Action plan for Electric utilities, Manufacturing vehicles, Charging Stations installation
  - Smart Grids, Energy Storage and other future technologies

# SEC Activities



- Cross-Border Energy Trade
  - Crude Oil/POL, LPG, PNG, LNG, Coal (high and low calorific value), Capacity gaps and technology, training of Geophysical techniques
  - Harmonizing Rules and Regulations, Transport access, Dispute Settlement mechanism, IGFA
  - Cross Border Electricity flow software, Load forecasting tools, Knowledge sharing on Power Exchange
- Electricity Transmission & Distribution
  - Knowledge sharing on HVDC transmission, EE potential of grid stations, training on Cross border electricity interconnection
- Energy Data
  - Statistics training of Energy Data for Member States, Annual Publication of SAARC Year Book
  - Developed SAARC Energy Outlook 2030

Thank You