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

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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

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
Energy Scenario in SAARC
Total Primary Energy Supply: 963 MTOE
Final Energy Consumption by Fuel Type

- **Biomass**: 36.87%
- **Coal and Peat**: 17.15%
- **Petroleum Products**: 25.58%
- **Natural Gas**: 7.40%
- **Electricity**: 13.00%

**Total Final Energy Consumption**: 642 MTOE
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