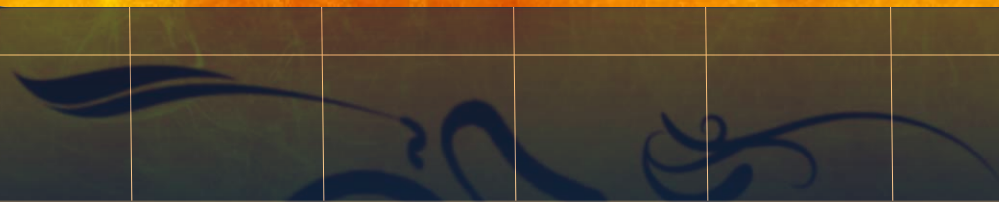


سورة الفاتحة



SAARC Energy Centre, (SEC)

Islamabad, Pakistan



Slogan: Learn, share, improve and grow together.

Ihsanullah Marwat
Program Coordinator, SEC



SAARC and its Technical Arms

1. South Asia: a region of enormous prosperity, growth & economic development, having a cultural heritage of strong bonding
2. To further strengthen and sustain the bonding among the people of this region, South Asian Association for Regional Cooperation (SAARC) was created in 1985.
3. SAARC Energy Centre, Islamabad and ten (10) other regional centers were established under the objective **to promote the welfare of the people of South Asia, strengthen collective self-reliance, promote active collaboration and mutual assistance in the economic, social, cultural, technical and scientific field.**



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, Japan, UNESCAP, ASEAN, US, Germany

SEC Mandate



1. Initiate, coordinate and facilitate regional collective activities on energy in the SAARC region
2. Provide technical inputs for the SAARC working group on energy, energy ministers' forum and other SAARC meetings on energy
3. Help in the integration of regional energy strategies by providing relevant information and expertise
4. Be a catalyst for the economic growth and development of the South Asia region

SEC Program Directions



Summit



Energy Ministers' Forum



Standing Committee through Programming Committee



Working Group on Energy / Four Expert Groups

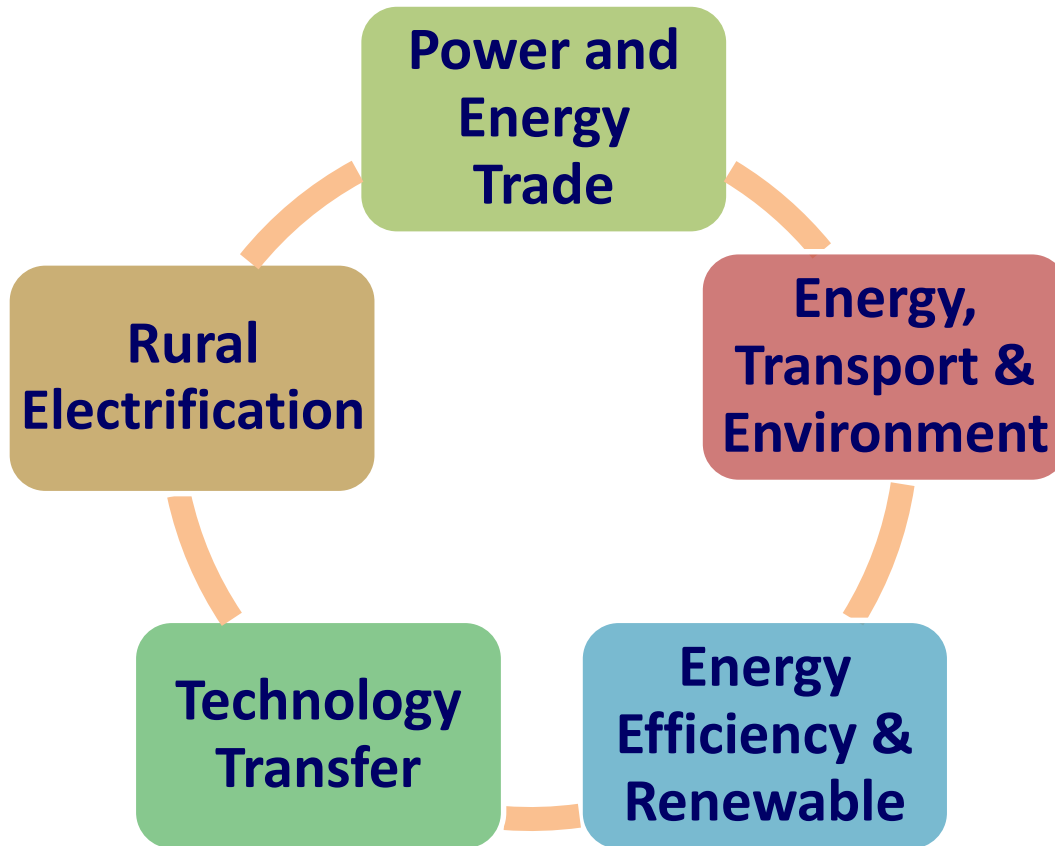


Governing Board



Five Year-Strategic Plan

Spectrum of SEC Program Activities



Range of Activities

1. Research Studies
2. Capacity Building
 - Training Workshops
 - Dissemination Seminars
 - Webinars
3. Pilot / Special Projects

Vision

SEC is envisioned as a catalyst for sustained economic growth and development of South Asian region by initiating, coordinating and facilitating regional as well as joint and collective activities on energy while managing a resource pool of professionals from the Member States.



Mission

The SEC will build, grow and sustain as a Regional Centre of Excellence on energy to develop and maintain a knowledge base for catering to the intellectual needs of governments, energy sector institutions, academia and professionals.

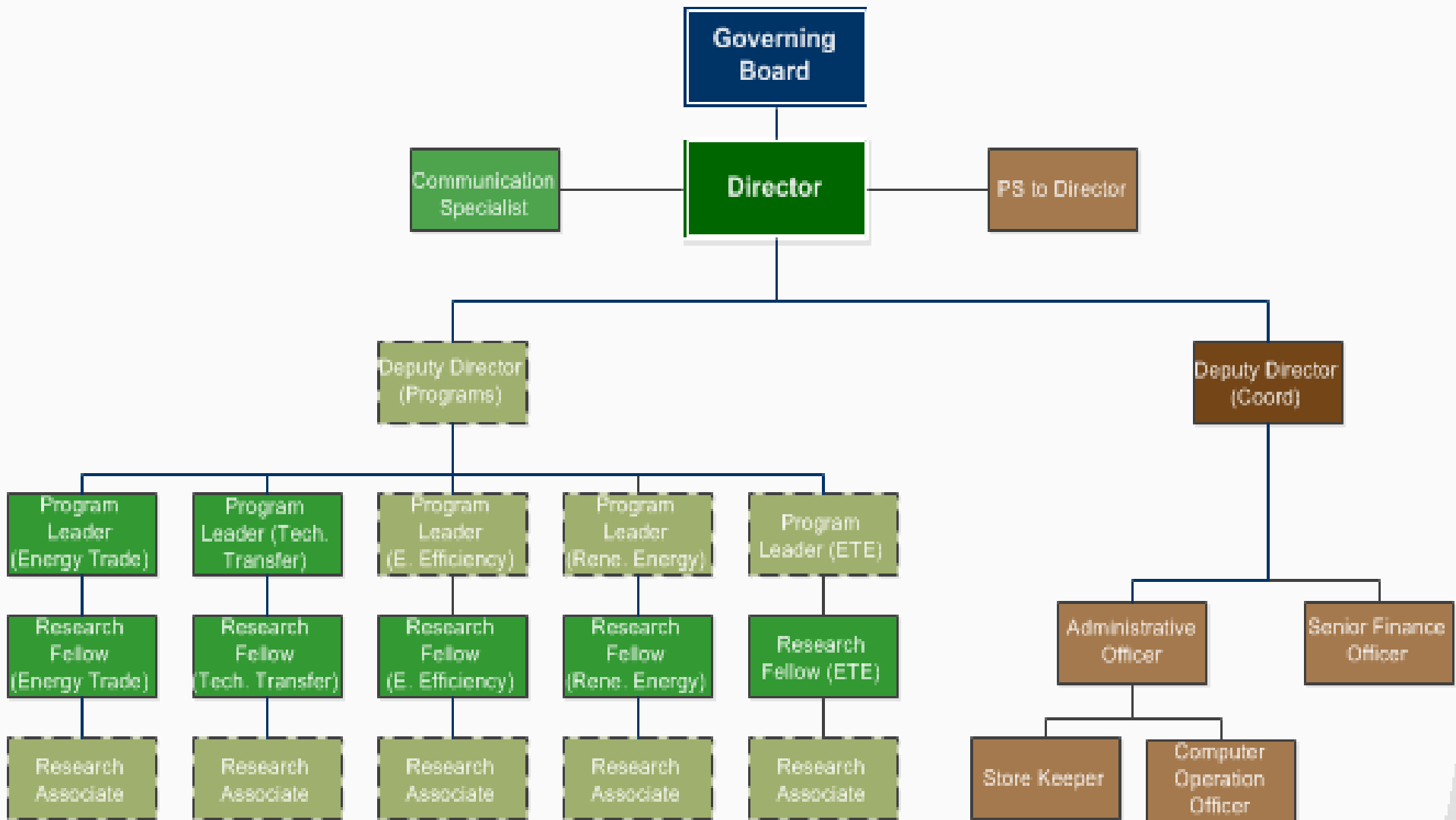
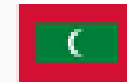


Scope

SEC is envisioned as a catalyst for sustained economic growth and development of South Asian region by initiating, coordinating and facilitating regional as well as joint and collective activities on energy while managing a resource pool of professionals from the Member States.



SAARC Energy Centre Organogram



Abstract of Program Activities 2008-16

Activity	2008	09	10	11	12	13	14	15	2016	Total
Studies	1	1	2	3	2	5	5	9	2	30
Workshops	3	4	2	3	6	8	5	4	11	46
Pilot/ Special Projects					1	1		2	2	6
Total	4	5	4	6	9	14	10	15	15	82

SEC Program Activities – 2017

1. Study on “Development of a Template for Dispute Settlement Mechanism between Member States”
2. **Action Paper on Assessing the Gaps in Laws and Regulations Regarding Trade & Exchange of Electricity**
3. Study for the Deployment of Electric Road Transportation in South Asia
4. **Study to Investigate the Difficulties for Household Solar Systems in SAARC Region**
5. Study to Review of Existing Feasibility Study of Karnali Chissapani Hydro Power Project (10,800 MW)

SEC Program Activities – 2017...Contd.

6. Study on “Defining Minimum Set of Standardized Technical Data Required for Regional Power Interconnections and Regional Power Trading”
7. **Study on “Clean Coal Technologies for Power Sector and their scope in SAARC Region”**
8. Study to “Assess low-cost and low-carbon transportation solutions for SAARC Region”
9. **Study to Compare the Prevailing Policy Measures, Technical Standards and Techniques including Labelling Schemes for Energy Efficiency / Energy Conservation in SAARC Member States with Advanced World**

SEC Program Activities – 2017...Contd.

10. Study to “i) Assess the Power Planning Criteria of SAARC Member States in the Perspective of International Practices and Upcoming Regional Power Interconnections and ii) Recommend Changes / Enhancements”
- 11. Study to “Assess the Resource Potential and Planning for a Demonstration Project Using Run of River Submersible Water Turbine”**
12. Dissemination Workshop on Comparative Study on Rural Electrification Policies in SAARC Member States. (2-day, Afghanistan) (Cancelled in 2015)

SEC Program Activities – 2017...Contd.



13. Training on System Operation and Settlement Mechanism, Cross Border Trade / Regional Power Market in South Asia (2-day, Bangladesh)
- 14. Regional Cooperation and Capacity Building Programme for Sharing Information on Energy, Environment & Disaster Risk Management in Collaboration with SDMC (3-day, India)**
15. Dissemination Workshop on the study report to “Assess the Present Situation, Gaps in Capacity, Technology and Policy & Regulatory Instruments in Coal sector in SAARC Member States” (2-day, Nepal)

SEC Program Activities – 2017...Contd.

16. Dissemination Workshop on “Potential for Energy Storage Technologies in Electricity Sector of SAARC Member States (2-day, Nepal)
- 17. SAARC Regional Expert Consultation Meeting on Water, Energy & Food Nexus (WEF) (4-day, Bhutan)**
18. Knowledge Sharing Workshop on Modern Techniques including Renewable Energy Auctions for Economizing Renewable Energy Tariff (2-day, India)
- 19. Workshop on “Growth of Indian Power Infrastructure and Lessons Learnt” (2-day, Pakistan)**
20. Training workshop on “Identification, comparison And Scenario based application of Power Demand / Load Forecasting Tools. (2-day, Bhutan) *Rolled over from 2016*

SEC Program Activities – 2017...Contd.

21. Training workshop “Simulated Power Trading Market/ Exchange”. (2-day, India) *Rolled over from 2016*
- 22. Development of SAARC Energy Data Book (2004-2014)**
23. Archive on SAARC Energy Centre
- 24. Interaction with MNRE, India and Relevant Agencies for Developing Guidelines for other Member States with Respect to Successful Launching of Biogas Projects (3-day, India)**
25. Capacity Building of SEC Professionals through External Expert Services
- 26. Celebration of World Environment Day (1-day, Pakistan)**

3Cs Approach for a Prosperous South Asia

- **C**lose coordination among the Member States
- **C**oherence among the program activities
- **C**ommitment with the overall purpose



Kaadinchhey La
Kaadinchhey La

ধন্যবাদ

Shukriya

Energy for Peace and Prosperity

Dhanyavada

Istutiya

شُكْرًا عَظِيمًا

**Dhan'yab
āda**

THANK YOU
THANK YOU

Supporting Slides

Historical Background of Establishment of SEC

- 12th SAARC Summit (Islamabad on 4-6 January 2004) decided to set up a Working Group on Energy (WG/E) for creating South Asian energy cooperation including the concept of an Energy Ring
- Pakistan offered to host the Working Group and was elected its Chairman for 5 years
- WG/E prioritized the subjects to be addressed within the framework of creation of Energy Cooperation in South Asia and formulated its work programme
- The 1st Meeting of the WG/E (15-16 June 2004) at Islamabad recommended the Plan of Action for regional energy cooperation including, inter alia, the possibility of setting up a SAARC Energy Centre

Historical Background of Establishment of SEC

- 1st Meeting of SAARC Energy Ministers (Islamabad, 1st October 2005) approved the Concept Paper on Establishment of SAARC Energy Centre prepared by the 2nd meeting of the WG/E and agreed on the Establishment of a SAARC Energy Centre in Pakistan
- 13th SAARC Summit held in Dhaka in November 2005 approved to establish the SAARC Energy Centre in Islamabad:
 - to promote development of energy resources, including hydropower, and energy trade in the region
 - to develop renewable and alternative energy resources
 - to promote energy efficiency and conservation in the region
- SAARC Energy Centre was established in March 2006 with the objective to initiate, coordinate and facilitate SAARC programmes in Energy and started functioning with effect from 2008.

Mandate

- Strengthen the region's capability in addressing global and regional issues in energy
- Facilitate intra-regional trade in energy through the establishment of interconnecting arrangements for electricity and natural gas within SAARC
- Promote SAARC cooperation in energy efficiency and conservation as effective mechanisms for demand-side management
- Promote the development of new and renewable energy resources in the region as an instrument towards sustainable energy development in the SAARC Member States over the long-term

Mandate...*Continued*

- Serve as an energy information network and exchange centre at both regional and global scales
- Enhance the development of SAARC expertise in energy development and management
- Promote private sector investment and participation in energy activities
- Undertake other related activities in connection with the above objectives
- Provides technical inputs for the SAARC Working Group (and other) meetings on Energy, and facilitates accelerating the integration of energy strategies within the region by providing relevant information, state-of-the-art technology and expertise