

Expert Group Meeting

– Preparations for the Asian and Pacific Energy Forum –

Session 3 – Energy Future We Want for Asia-Pacific: Vision and Strategies

Bangkok, 21 November 2012

Background

- Commission Resolution 67/2 - Promotion of Regional Cooperation for Enhanced Energy Security and the Sustainable Use of Energy
- Outcome of Rio+20 –SDGs and linkage to the post-2015 development agenda
- Sustainable Energy for All Initiative by the Secretary-General
- Challenges have been identified through the subregional consultation process and this EGM:
 - Energy Security for sustainable development
 - Sustainable use of energy

Energy Security for Sustainable Development

- **Energy Security needs to be seen in the context of Sustainable Development.** The sustainable use of energy should become a strategic component of energy security
- **Securing the necessary energy resources for economic growth:**
 - demand for energy will continue to rise
 - poverty reduction and environmental sustainability
- **Lack of effective mechanism for intra-regional energy trade:** Resources are available in the region but there is a need to establish a system that promotes efficient use of indigenous energy resources for sustainable development

Energy Security for Sustainable Development

- Slow progress on subregional plans of energy connectivity, needs to be seen as an opportunity for the entire Asia-Pacific region to promote a region-wide cooperation
- Building cooperation for emergency (stock piles)
- Institutional and capacity building towards an integration of various subregional plans are needed

Sustainable Use of Energy

- **Secretary-General's initiative on Sustainable Energy for All:**
- Recognition that energy for all is not only a moral obligation but it should be positioned as an investment to increase economic, social and environmental opportunities for development
- Regulatory framework (policies, legislations and institutional arrangements) as well as technical regulation and standards need further strengthening and consistency with other sectors in promoting sustainable use of energy (water-energy-food nexus)
- Improve use of energy in energy intensive sectors including industry, transport and building

Sustainable Use of Energy

- Lack of sufficient statistics/ data to support evidence based policy formulation including the lack of capacity to monitor and evaluate the effectiveness of policies
- Need to share and upscale isolated and scattered good practices in the domain of energy security and the sustainable use of energy
- Need for an improved access to finance, environmentally sound technologies and technology transfer as important factors to deliver the sustainable use of energy

Commonalities among subregions

While each subregion is unique in its economic and social development patterns as well as its environmental concerns, some of the objectives for enhancing energy security are similar:

- Reducing dependency on imported fossil fuel with a view to reduce vulnerability to oil price and foreign currency fluctuation – review of energy pricing structure to make it more cost-reflective is critical.
- Diversify energy mix by enlarging the role of renewables and alternative energy
- Promote cleaner utilization of indigenous resources through advanced fossil fuel technologies, promote large scale renewable energy for grid connection and decentralized system for productive use of energy in rural communities.

Commonalities among subregions

- Improve energy efficiency and conservation in supply side and demand side
- Need to shift towards a sustainable production and consumption pattern
- Recognizing the need for an integrated energy market/system with a focus on energy trade and infrastructure development to explore its full potential
- Need to attract large scale investments

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https://www.yunbaogao.cn/report/index/report?reportId=5_7259

