Perspectives from UN System: Supporting SDG 7
Energy

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Voluntary National Reviews: The Need to address many issues

Implementing *2030 Agenda for Sustainable Development* implies integrated actions at the national level:

1. Awareness and Dissemination of relevant information
2. Institutional Arrangements
3. Full participatory process and ownership
4. Stocktaking: where do countries stand in relation to the SDGs?
5. Defining future scenarios based on national SD criteria
6. Monitoring and follow up
7. Means of implementation
Recent Activities Supporting SDG 7

- Capacity Development events on Mainstreaming the Energy SDG, Targets and Indicators into National Statistical Programmes

- Expert Group Meetings to assess critical issues in each of the targets of SDG 7

- Report on activities by UN-Energy Member Organizations supporting the Decade of SE4All and supporting SDG 7

- Incorporating UN regional commissions and UN-Energy member organizations into the Global Tracking Framework effort

- Supporting preparation of SDG 7 chapter of the SDG Report 2016

- UNDESA Energy Grant
Regional Workshops on Mainstreaming SDG7, targets and indicators

• Introduce the energy SDG, targets and indicators of the 2030 Agenda for Sustainable Development

• Discuss the national statistical programs of participating countries

• Assess global efforts on energy statistics and indicators by different international organizations within the context of the SDGs

• Assess the needs for adapting global energy SDGs, targets and indicators into national circumstances

• Discuss international cooperation to support enhancement and expansion of national statistical programs
Three Regional Workshops:

- For the Latin American and Caribbean region in Panama
- For the Asian region in the Republic of Korea
- For the African region in Ethiopia

Participants include:

- Representatives from statistical offices and ministries of energy from about 10 countries in each region
- Representatives from UN Agencies: DESA, UN Statistics Division, DSD, UNEP, ESCAP, ECA, UNOSD, UNDP, UN-Energy, SE4ALL, AUC
- Development Banks: World Bank, AfDB, ADB
- Representatives from international organizations: IEA, IRENA, Asia Pacific Energy Research Center
- Representatives from Academia
Outcomes from Workshops

Participants recommended:

- To continue providing international support to enhance and expand statistical programs
- To continue providing platforms to discuss gaps, best practices and critical issues related to SDGs targets and indicators
- To continue a dialogue among participants to ensure knowledge sharing in relation to how best implement SDG7
- To assess the needs to modify and define new indicators according to national circumstances
Expert Group Meetings

• A platform for all stakeholders for discussion of most critical issues affecting progress in the core targets of the SDG on energy
• an opportunity to exchange knowledge on policy, technical and entrepreneurial approaches
• To promote dialogue among practitioners, experts, donors and policy-makers
• To Discuss ways to apply (business) models and best practices to allow the scaling up of the use of clean cookstoves and stand-alone renewable energy systems
• To Identify best practices and lessons learned and sharing international and country-level experiences
• To discuss latest developments related to renewable energy products, systems and services
First Expert Group Meeting on Target 7.1

- This seminar on Target 7.1 represents the first on a series of events being organized by the United Nations, and in particular UN-Energy in cooperation with SE4ALL, took place at ESCAP.

- 60 participants from 20 countries and 17 organizations including UN agencies, banks, private sector, governmental organizations, NGOs, practitioners, etc.

**OUTCOMES:** A series of recommendations in relation to:

- Strengthening monitoring and reviewing of progress on universal access
- Assessing appropriate technologies for widening access (certification)
- Practical solutions adapted to national circumstances
- Coordination of international support
- Defining strategies, enabling factors and effective policies to accelerate access
- Financing, capacity development and others Means of Implementation
- Pursuing a nexus approach to energy access
March 2016

Activities by Member Organizations and partners of UN-Energy supporting the 2014-2024 SE4ALL Decade

23 Organizations, 4 regional commissions,

Need to prepare a similar report in support of SDG 7 up to 2030
A growing partnership

15 partners

23 partners
GRANT

One Million US Dollars annually to fund future capacity development activities for an initial period of 5 years (2015-2019).

OBJECTIVE

Promoting leadership and innovative practices in meeting the global energy challenges

UNIQUE FEATURE

Capacity building
Proposal: Saving Mothers and Newborns in Childbirth with Solar Power

- Based on the Solar Suitcase designed for child birth situations
- A practical and already proven solution to lack of electricity during child birth

Objectives include:

- Upgrading the solar suitcase technology
- Expanding the outreach programme
- Incorporating remote monitoring
Moving Forward

• Continue providing platforms for knowledge exchange, capacity building and international cooperation

• Continue developing a more comprehensive set of energy indicators - disaggregated and linked to other SDGs

• Need to align all the efforts to support SDG 7 including SE4ALL activities, Decade activities and the GTF

• Need to start preparing for 2018 when SDG7 will be debated in the HLPF

• Need to have a better coordination of efforts among UN agencies at global, regional and national levels
Energy
SDGs, Targets & Indicators (Nexus)

ENERGY INDICATORS
- Accessibility
- Affordability
- Equity
- Overall Productivity
- Supply Efficiency
- End-User Energy Efficiency
- Energy Imports
- GHG Emissions
- Air Pollutants
- Soil Acidification
- Deforestation

ENERGY TARGETS
- Universal Access
- Double Efficiency
- Double Renewable Energy

ENERGY SDG
- Securing Sustainable Energy For ALL

ENERGY NEXUS TARGETS
- Energy-Poverty
- Energy-Food
- Energy-Water
- Energy-Education
- Energy-Health
- Energy-Gender
- Energy-Environment
- Energy-Economic

ENERGY NEXUS INDICATORS
- EPI 1
- EPI 2
- EPI 3
- EFI 1
- EFI 2
- EFI 3
- EWI 1
- EWI 2
- EWI 3
- EEI 1
- EEI 2
- EEI 3
- EGI 1
- EGI 2
- EGI 3
- EEI 1
- EEI 2
- EEI 3
1. Nexus Energy - Health
   • Ensure electricity & sustainable energy access to all the health centres of the world
   • Eliminate all premature deaths resulting from indoor pollution from polluting fuels

2. Nexus Energy - Education
   • Ensure electricity access to all schools of the world

3. Nexus Energy - Gender
   • Minimize all the risks to women and girls related to energy activities such as cooking, wood collection, lack of lighting, candle lighting, etc.
SDG 7: Ensure access to affordable, reliable, sustainable and modern energy for all

HLPF 2016: Ensuring that no one is left behind

Over a Third of World Population has no Access to Sustainable Energy

- 2.9 billion depend on solid unsustainable biomass for cooking
- 1.1 billion without electricity
- Over 80% live in rural areas
- Largest shares in Sub-Saharan Africa and Asia
30% of primary schools in the world lack access to electricity.

HLPF 2016: Ensuring that no one is left behind.
Sustainable Energy and Health

HLPF 2016: Ensuring that no one is left behind

➤ 4 million premature deaths per year due to indoor air pollution -- more than Malaria, HIV/AIDS, and Tuberculosis combined
Thank you very much for your attention!

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