Asia LEDS Partnership’s Grid Scale Renewable Energy Community of Practice

Integrating Renewable Energy into the Grid: Opportunities, Challenges and the Way Forward

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LEDS Global Partnership
LEDS GP Catalyzes Action and Collaboration Across more than 300 Countries and International Organizations and 1800 individual members

LEDS GP SECRETARIAT AND STEERING COMMITTEE

REGIONAL PLATFORMS
Define priorities and conduct peer learning and collaboration

GLOBAL WORKING GROUPS
Provide technical support and training
- National and Subnational Integration
- Sustainable Development Impacts
- Finance Mobilization
- Sectors - AFOLU, Energy, and Transport
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Grid Scale Renewable Energy Community of Practice

Introducing Asia LEDS Partnership’s Grid Scale Renewable Energy Community of Practice

Nikhil Kolsepatil, ALP
Asia LEDS Partnership

ALP is a regional platform under the LEDS Global Partnership,

- Comprised of over **746 members (501 individuals and 245 organizations)** from the public, private, and non-governmental sectors active in designing, promoting, and/or implementing LEDS in Asia

Objectives:

- Facilitate enhanced **coordination, collaboration, and partnerships**
- Identify and disseminate **tools, models, approaches, and best practices** in priority Low Emission Development Strategies topics to enable peer-to-peer learning and application
- Foster **capacity building** of practitioners to make Asia a leader in designing and implementing LEDS and green growth
- Strengthen support for LEDS by catalyzing **leaders of change and raising awareness** about the benefits of LEDS
ALP priority topics for 2018-2019

• Grid Scale Renewable Energy
  – Building Blocks for Grid Renewable Energy Development
  – Renewable Energy Grid Integration

• Clean Energy Finance
  – Lowering the cost and risk of capital
  – Attracting private finance through smart policy and enabling environments

• Clean Mobility
  – Focus on usage of clean fuels, electric mobility, technology and creation of supporting infrastructure
  – Policy and regulatory framework for public transport along with involvement of private sector

• Multi-level Governance
Grid Renewable Energy Community of Practice

• An **interactive network** of national and subnational governments, regulators, system operators, technical institutions, businesses, non-profits and other international organizations addressing **real-time policy, financing and technical challenges and solutions related to renewable energy deployment**

• GRE CoP is a platform for
  – sustained engagement among countries for **learning and technical collaboration**
  – continuous **access to tools and expert assistance**

Designed to be **demand driven** to meet members’ needs and will offer support and solutions to early movers as needs emerge
What does the GRE CoP offer to its members?

- Focus on peer learning, knowledge exchange, and expert assistance
- Opportunities for countries to learn from each other and from experts on specific elements of renewable energy development
  - Topic specific online sessions to include country and expert presentations
  - Open discussions on each country’s challenges and approaches
  - Regional peer learning and training workshops
- Learning resources or compilation of tools, resources, training materials, case studies, good practices
- Country government participants will have access to no-cost technical assistance to support RE planning and development
GRE CoP activities so far

• Online session 1: fundamental building blocks for RE deployment
• Online session 2: smart incentives and enabling environment for RE development
• Grid integration and RE auctions deep dive workshops at ACEF
Introductions by country participants

- Name and country
- Role and organization
- What are you working on?
Quick re-cap
Questions for working session

• Which presentation or topic did you find most relevant for your work from the deep dive workshop? What is the most interesting thing you learned? What surprised you most?

• What is working well in your country (e.g., defined energy sector targets, high political engagement, buy in from various energy sector stakeholders, access to tools and data, etc.)?

• What are some of the barriers and challenges (e.g., planning, operational, physical, and regulatory) to integrating more renewables in the power system in your country?

• Does your group have suggestions for addressing the challenges identified under question 3 above? What are some of the institutional strategies (policy, regulation, planning, infrastructure investments) that can help mitigate challenges that arise from higher penetration of renewables? What considerations and tools could support policymakers in deploying these solutions?

• Which country or power systems would you be interested in learning from about how they addressed specific challenges in integrating high RE in their power systems. Are there specific topics you would like to learn more about?

• Are there needs for specific technical or policy assistance to overcome challenges to higher penetration of renewable energy? In your opinion, what assistance would be most helpful?
Closing and next steps

• Peer learning opportunities
• Access to tools and resources and continued engagement
• Facilitated online sessions and in-person training workshops
• Access to technical assistance
• Next year at ACEF!
Thank you!

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