

## Asia Pacific Climate Week 2019 Side Event (Day 3)

### Clean Mobility and Renewable Energy Integration through Energy Storage

**Organized by:** LEDS Global Partnership and Asia LEDS Partnership

**Date:** 4<sup>th</sup> September, 2019

**Time:** 12:30 – 13:25

**Venue:** Room C + D, Level 1

**Language:** English

**Contact:** Soumya Chaturvedula

**E-mail:** [Soumya.chaturvedula@iclei.org](mailto:Soumya.chaturvedula@iclei.org)

#### Introduction to Organizers:

##### *LEDS-Global Partnership:*

The Low Emissions Development Strategies Global Partnership (LEDS GP) facilitates peer learning, technical cooperation and information exchange to support the formation and implementation of low emission development strategies. Through networking of peers, LEDS GP helps to build the capability of practitioners and progress low emission development in a practical way. It engages leaders from over 300 institutions across government agencies, technical institutes, international agencies and NGOs, and operates through regional platforms in Africa, Asia, Europe and Eurasia, and Latin America and the Caribbean, and has six technical global working groups and a global secretariat.

##### *Asia LEDS Partnership:*

Asia LEDS Partnership is a voluntary regional network of governments, regulators, system operators and technical institutions addressing real-time policy, financing and technical challenges and solutions related to low emission development in Asia. The Asia LEDS Partnership's Communities of Practice (CoPs) are an interactive platform for sustained engagement among countries to enable peer-learning, technical collaboration and continuous access to tools and expert assistance. The Grid-Scale Renewable Energy (GRE) CoP and Clean Mobility CoP of the Asia LEDS Partnership has over 100 participants from 12 countries in the Asia region. The GRE CoP helps its participants to understand from their local context the role of system flexibility and energy storage in large scale integration of renewable energy and long term power system planning. The clean mobility CoP helps its participants in moving towards clean mobility by strengthening the operational and energy efficiency of public transport policies and systems.

#### Event Description:

The LEDS Global Partnership and its regional platform in Asia (Asia LEDS Partnership), through a side event at the Asia Pacific Climate Week 2019, aim to give the participants an understanding of the linkages between clean mobility and large scale integration of renewable energy enabled by utility scale energy storage. The event will comprise a group exercise with representatives from countries of the Asia-Pacific region. The targeted participants are representatives from regional, national and sub national stakeholders in the Asia pacific region. Thus, the event sets the stage for peer exchange of status, opportunities and lessons learned based on the past work done by various countries. It also provides a space for the participants to engage in deeper discussions on their particular priorities, challenges and opportunities in clean mobility, system flexibility for RE scale up and utility-scale battery storage. Participants will also learn about peer-learning, knowledge exchange opportunities and how to access tools and expert advisory services under the Asia LEDS Partnership CoPs.

## OUTCOMES

- Understanding of linkages between clean mobility and large scale integration of renewable energy enabled by utility scale energy storage systems
- Peer exchange of status, challenges faced, opportunities and lessons learned in different countries
- Participants will learn about peer-learning, knowledge exchange opportunities and how to access other tools and expert advisory services under the ALP CoPs
- The LEDS-GP and ALP will analyze the outcomes from the group exercise and identify specific needs and technical assistance requirements of the countries to achieve their long term goals in Electric Mobility and Clean Energy transition

## Agenda for Side Event at APCW 2019 (Total Duration ~ 60 minutes):

	Topic	Speaker/Presenter
12: 30 - 12:40	Setting the scene and Introduction to LEDS-GP	Carishma Gokhale-Welch, LEDS-GP, NREL
12:40 – 12:50	Asia LEDS Partnership – Communities of Practice	Soumya Chaturvedula, ALP, Deputy Director, ICLEI South Asia
12:50 – 13:15	<p>Group Exercise for Participants</p> <p>Moderators: Ron Benioff, Carishma Gokhale-Welch, Nikhil Kolsepatil, Alice Yiu</p> <p>Participants: Country representatives and experts familiar with or that have worked on relevant topics</p> <p><b>Topic for Group 1:</b> Is there a policy driven push towards Electric Mobility and cross-sectoral collaboration on integrating RE into EV infrastructure in the country? What are the status, challenges and opportunities in this regard?</p> <p><b>Topic for Group 2:</b> Are countries considering Energy Storage as an integral component for RE scale up? What steps are countries taking to expand use of energy storage?</p> <p><b>Groups 1 and 2 both provide responses on:</b>            What needs do countries have on further information, training, and assistance on e-mobility and energy storage? How can the Asia LEDS Partnership Communities of Practice and other programs help address these needs?</p> <p><i>Outcomes will be presented by groups at the end of the exercise (10 minutes)</i></p>	
13.15 - 13.25	Question and answers	