

# USA Project update

EGEEEC-6o

Hong Kong, China (Hybrid)

March 15-17, 2023

# USA 2021 Session 2 Project: APEC Workshop Furthering University Collaboration to Support Data Gathering and Analysis in Energy Efficiency, Renewable Energy, and Energy Resiliency (EWG 12 2021A)

## APEC forum: EWG/EGEEC & EGNRET

**Co-sponsoring economies:** Thailand, Philippines, Chinese Taipei, Australia

**APEC forum:** EWG/EGEEC & EGNRET

**Start date:** March 2022

**End date:** June 2023

**Expected project cost(USD):** 140,000

APEC (USD): 100,000 ASF/EELCER

### **Project Overseer:**

Kathleen Purvis-Roberts  
Professor of Chemistry &  
Environmental Science  
Claremont McKenna College  
Claremont, California

**Status:** Hybrid project workshop was held in Bangkok January 11-13, 2023

## Project Objectives

1. Build the capacity of workshop participants by continuing to develop collaborations between the EWG, APERC, and University faculty in APEC economies.
2. Continue discussion of data gaps and needs in Energy Efficiency, Renewable Energy, and Energy Resiliency and develop policy recommendations for the EWG in these areas
3. Share examples of collaborative projects that began at the June 2021 online workshop by policymakers and Universities in APEC economies that address APEC energy efficiency, renewable energy, and energy resiliency goals.
4. Identify other methods of analysis to be included in projects, such as economic analysis
5. Discuss potential ideas for new collaborative projects

# EWG 05 2019A: Sustainable Mobility: Routes for integrating the Energy and Transport Sectors for Urban Cities

## APEC forum: EWG/EGEEC

**Co-sponsoring economies:** Australia, Chinese Taipei, Thailand, Philippines

**Start date:** November 2019

**End date:** October 2022

**Expected project cost(USD):** 100,000 APEC (USD): 120,000 ASF/EELCER

### **Project Overseer:**

Sanjini U. Nanayakkara

Project Manager

National Renewable Energy Laboratory

Denver, Colorado

**Status:** Completed, awaiting publication

## Project Objective

- We propose to apply the findings from an existing APEC project proposal and a recent key report, that focuses on pathways to integrate the energy and transport sectors in APEC islands, in APEC cities. This project will generate a case study of how a city has applied selected elements of the existing roadmap.

## Project Outputs

- Case study – “Planning a transition to electrification of public transit systems – Learnings from the bus rapid system of Metrobus in Mexico City” (submitted to APEC and approved December 2021)
- Webinar and panel discussion to disseminate the case study findings (Feb 2021)
- Capacity building ‘virtual’ workshop (August 2021)

# EWG 02 2022A: Sustainable Mobility: Routes for integrating Energy and Transport Sectors for Sustainable Urban Mobility

## APEC forum: EWG/EGEEC

**Co-sponsoring economies:** Australia, Chile, Hong Kong, China, Chinese Taipei, Viet Nam

**Start date:** July 2022

**End date:** December 2023

**Expected project cost(USD):** 100,000 APEC (USD): 100,000 ASF/EELCER

### **Project Overseer:**

Sanjini U. Nanayakkara  
Project Manager

National Renewable Energy Laboratory  
Denver, Colorado

**Status:** Project in early implementation

**Objective:** Apply the findings from our recently finished APEC project, which focused on building capacities to better support goals to achieve sustainable mobility solutions in urban cities via the integration of the transport and energy sectors

## Project Outputs

- Two (2) to three (3) APEC LAC Economies' cities/agencies will receive technical support in improving or advancing processes of planning and/or implementation of policies and/or strategies for transport decarbonization and its integration with the energy sector.
- Improved knowledge and capacities of all APEC Economies and Non-APEC economies decision makers, practitioners and technical thought leaders to contribute to planning and implementation of policies and strategies for transport decarbonization and its integration with the energy sector.
- Empowered decarbonization policies and/or strategies and its nexus to energy and engaged regional leaders in advancing transport