



Asia-Pacific  
Economic Cooperation



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# APEC Project Update Hong Kong, China

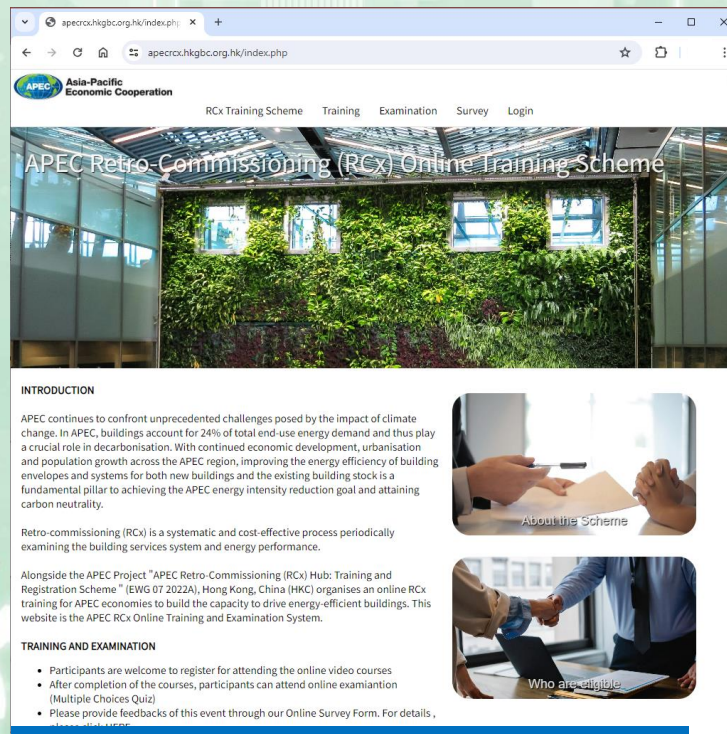
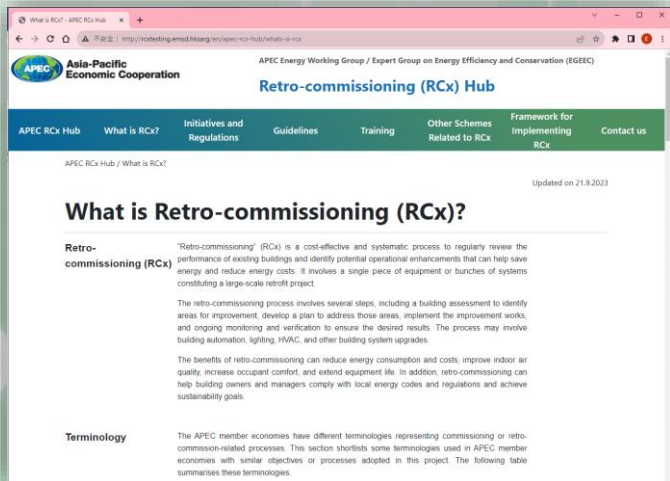
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EGEEEC62  
23 May 2024

# List of Projects from HKC - EGEEC

- In progress
  - **APEC Retro-Commissioning (RCx) Hub: Training and Registration Scheme (EWG 07 2022A)**
  - **Promoting Energy Efficiency Enhancement in Electricity Generation (EWG 211 2023) – EGEEC and EGCFE**

# 1. APEC Retro-Commissioning (RCx) Hub: Training and Registration Scheme (EWG 07 2022A)

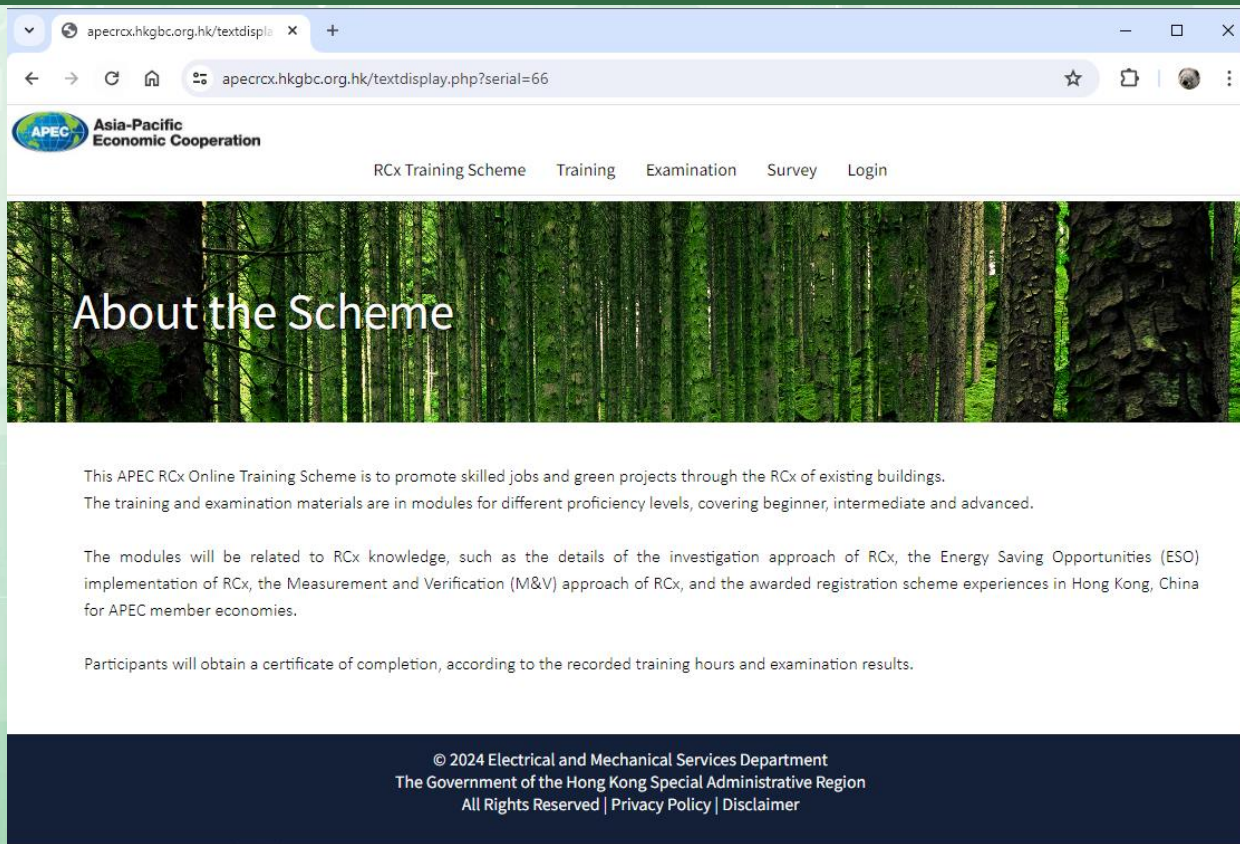


Established the “APEC RCx Hub”

<https://www.rcxrc.emsd.gov.hk/en/apec-rcx-hub>

Launching the “APEC RCx Online Training”

# 1. APEC Retro-Commissioning (RCx) Hub: Training and Registration Scheme (EWG 07 2022A)



The screenshot shows a web browser window with the URL `apecrcx.hkgbc.org.hk/textdisplay.php?serial=66`. The page header features the APEC logo and the text "Asia-Pacific Economic Cooperation". Navigation links include "RCx Training Scheme", "Training", "Examination", "Survey", and "Login". The main content area has a background image of a forest and the heading "About the Scheme".

This APEC RCx Online Training Scheme is to promote skilled jobs and green projects through the RCx of existing buildings. The training and examination materials are in modules for different proficiency levels, covering beginner, intermediate and advanced.

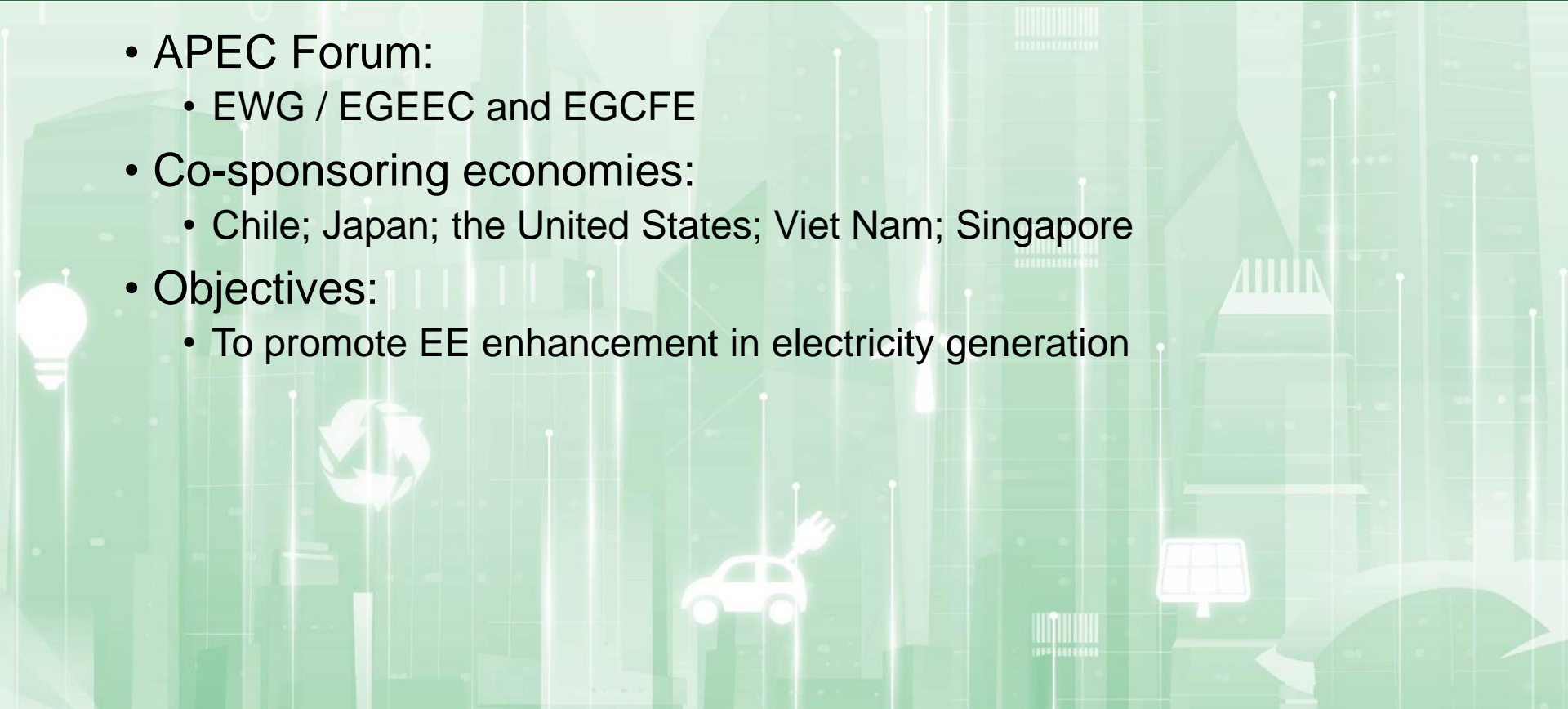
The modules will be related to RCx knowledge, such as the details of the investigation approach of RCx, the Energy Saving Opportunities (ESO) implementation of RCx, the Measurement and Verification (M&V) approach of RCx, and the awarded registration scheme experiences in Hong Kong, China for APEC member economies.

Participants will obtain a certificate of completion, according to the recorded training hours and examination results.

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## 2. Promoting Energy Efficiency Enhancement in Electricity Generation [EWG 211 2023]

- APEC Forum:
  - EWG / EGEEC and EGCFE
- Co-sponsoring economies:
  - Chile; Japan; the United States; Viet Nam; Singapore
- Objectives:
  - To promote EE enhancement in electricity generation



## 2. Promoting Energy Efficiency Enhancement in Electricity Generation [EWG 211 2023]

Jun – Dec  
2024

- Pre-Workshop Study

Jan – Feb  
2025

- GIC

April 2025

- One day workshop at HKC

- Review the efficiency of different types (no less than 6 types) of power plants for both fossil fuels, low carbon energy, renewable energy and hybrid;
- Summarise the standards, targets and indicators in high-efficiency electricity generation;
- Summarise measures (e.g. just energy transition) related to the phase-out of unabated fossil fuels in the APEC region; and
- Summarise innovative and technological improvements in different types of power plants in promoting low carbon energy for power generation.

# More HKC's APEC projects

“Promoting Digital Solar Resource Maps and Management Technologies in Advancing Renewables Growth in APEC” (EWG 01 2023A) - EGRNET

-Workshop at Hong Kong, China

-8 July 2024

Time slot (HKT)	Sessions / Topics
09:00 - 09:30	Registration
09:30 – 10:05	Welcoming Remarks + Opening Remarks + Photo Taking
10:05 - 10:15	Summary of Pre-Workshop Findings
10:15 -10:45	Break
10:45 - 11:40	<b>Session 1: Data Requirement from Solar Energy Systems</b> 1.1 Mr Alexander IZHBULDIN, Senior Researcher of Asia Pacific Energy Research Centre (APEREC) 1.2 Prof. XU Zhao, Chairman of IEEE PES/IES/PELS/IAS Joint Chapter in HKC Section; Professor, the Hong Kong Polytechnic University, Hong Kong, China
11:40 -12:35	<b>Session 2: Deployed technologies for Solar Resources Maps and Management Systems</b> 2.1 Dr Thomas REINDL, Deputy CEO, Solar Energy Research Institute of Singapore (SERIS), National University of Singapore (NUS), Singapore 2.2 To be advised.
12:35 – 13:45	Lunch
13:45 – 14:00	Registration
14:00 - 15:00	<b>Section 3: Innovative technologies for Digital Solar Energy Systems</b> 3.1 Prof. ZHU Li, President of APEC Sustainable Energy Center (APSEC) 3.2 Dr HE Yu Fei, Huawei Digital Power Technologies Co., Ltd., China
15:00 - 15:15	Closing Remarks
15:15 – 15:45	Break
15:40 - 17:00	<b>Site visit</b>
17:00	End of workshop



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Thank you.

