APEC Expert Group on New and Renewable Energy Technologies



Progress / Status of Current EGNRET Projects

Project Submission Process

**EGNRET Secretariat** 

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**EGNRET 57** 

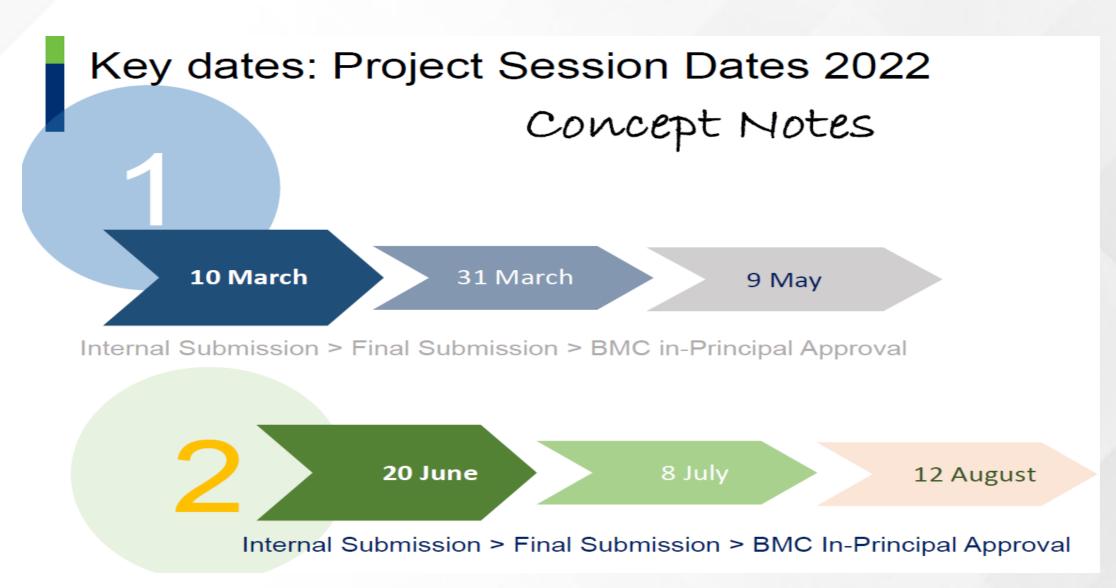
(Virtual Meeting)

Hosted by Thailand October 5-7, 2022

## **Submission Deadline**



■ 2 funding rounds a year (submissions in March and in June)



Session 2, 2022

Current Status: 4 project proposals are submitted.

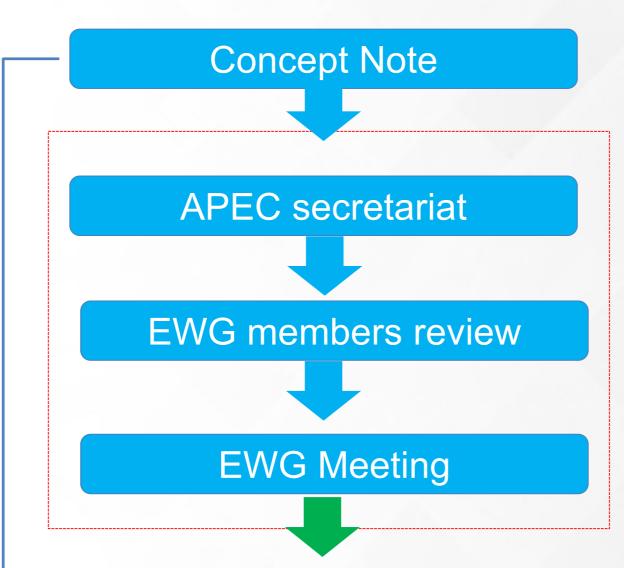
## **Project Submission Process**



#### **EWG Project Process**

Step 1

**Optional** 



CN for EELCER Sub-Fund needs to have at least four (4) co-sponsors

Step 2

**Mandatory** 

Formal Submission, EWG endorsement, Co-sponsorship and Scoring

# Concept Note Developing





## **Project Submission Process**



#### **Concept Note**

- **■** Developing CN
- **■** Optional

**■** Mandatory

- **■** Eligibility **Scoring**
- **Assessment & BMC** approves **CNs** in principle

**Project Proposal** 



- PO develops full PP and submits to PD by the deadline.
- **■** Quality **Assessment**
- **■** Secretariat recommends PPs to BMC for final approval

**Project approval** 



**■** BMC approves project proposal

# Funding Sources



### Project Session 2, 2022 - Available Project Funds

Project Fund	Available funds (USD)
General Project Account (GPA)	\$1,181,667
Trade and Investment Liberalisation Fund (TILF)	\$1,060,236
APEC Support Fund (ASF) General Fund	\$1,705,136
ASF Sub-funds	
Human Security	\$1,267,995
Energy Efficiency, Low Carbon and Energy Resilience	\$1,912,987
Supply Chain Connectivity	\$873,775
Free Trade Area of the Pacific and Global Value Chains	\$1,260,582
Innovative Development, Economic Reform and Growth	\$1,100,516
Connectivity	\$1,046,937
Micro, Small and Medium Enterprises	\$305,815
Women and the Economy	\$350,000
Economic Development in Rural Areas	\$521,369
Digital Innovation	\$1,492,802
Marine Debris Management and Innovation	\$296,341
Strengthening Legal and Economic Infrastructure	\$620,000
APEC Cooperation on Combating COVID-19 and Economic Recovery	\$535,367
Enhanced APEC Agenda on Structural Reform	\$606,994
	\$16,138,519

## **EELCER Sub-Fund**



# Eligibility Criteria for Energy Efficiency, Low Carbon and Energy Resilience Measures Sub-Fund

- Have <u>at least 4 co-sponsoring economies</u> from the project's originating forum, as confirmed by the APEC Secretariat; and
- Focus on activities which will contribute to achieving APEC's aggregate energy intensity reduction goal of 45% by 2035 which was agreed at the APEC Leaders Meeting in Honolulu in 2011; and/or
- Focus on activities which contribute to achieving the goal of doubling the share of renewables by 2030 which was endorsed by the APEC Leaders Meeting in Beijing in 2014; and
- Demonstrate that the proposed project will meet capacity building needs for APEC developing economies; and
- Maximum APEC-funding per project of <u>USD 100,000</u> (except for LCMT projects)



Status	Projects
Concept Note	0
Project Proposal	2
Project in Implementation	12
Completed since EGNRET 56	3



#### **Project Proposal (2)**

	Project Title	Proposed Economy
1	Matured Impact Metrics Modelling for Mini-Grid Projects (MIMG) in APEC region	Korea
2	The Legislation Recommendation and Promotion of Multifunctional Ocean Space Usage: Feasibility Analysis of Integrating Floating PV Installations at Offshore Wind Farms in the APEC Region	Chinese Taipei



#### **Ongoing Projects – 2021 (7)**

Project Number	Project Title	Proposed Economy
EWG 14 2021A	Empowering Indigenous Social Awareness on Renewable Energy and Increasing Inclusion Sustainability for Green Recovery in APEC Regions	Chinese Taipei
EWG 15 2021A	Best Practices on the Energy Storage System in E-scooters Developments and Applications in the APEC Region	Chinese Taipei
EWG 10 2021A	Achieving Carbon Neutrality through Bio-Circular-Green Economy Principle	Thailand
EWG 12 2021A	APEC Workshop Furthering University Collaboration with Policymakers, APSEC, and APERC on Data Gathering and Analysis in Energy Efficiency, Renewable Energy, and Energy Resiliency	USA



Project Number	Project Title	Proposed Economy
EWG 07 2021A	Impacts of COVID-19 on renewable energy development in APEC Economies	China
EWG 06 2021A	Support offshore wind deployment and grid connection in APEC region	China
EWG 04 2021A	Lessons learned on resiliency and uptake of variable energy resources from islanded grids that support APEC clean energy goals	USA



#### Ongoing Projects – 2020 (5)

Project Number	Project Title	Proposed Economy
EWG 13 2020A	Workshop on Korea's New and Renewable Energy Policies and Best Practices Applying Them into the APEC Region	Korea
EWG 10 2020A	Utilizing Renewable Energy Certification to Facilitate APEC Regional Renewable Energy Growth	Chinese Taipei
EWG 14 2020A	The Promotion of Community Waste-to-energy System	Chinese Taipei
EWG 03 2020A	Integrating Electrical Vehicles and Solar Rooftop PV in Electricity Distribution Systems with Continued Performance of Distribution Transformers	Thailand
EWG 08 2020A	APEC Workshop on Promoting Renewable Energy for Rural and Remote Area Development	Viet Nam



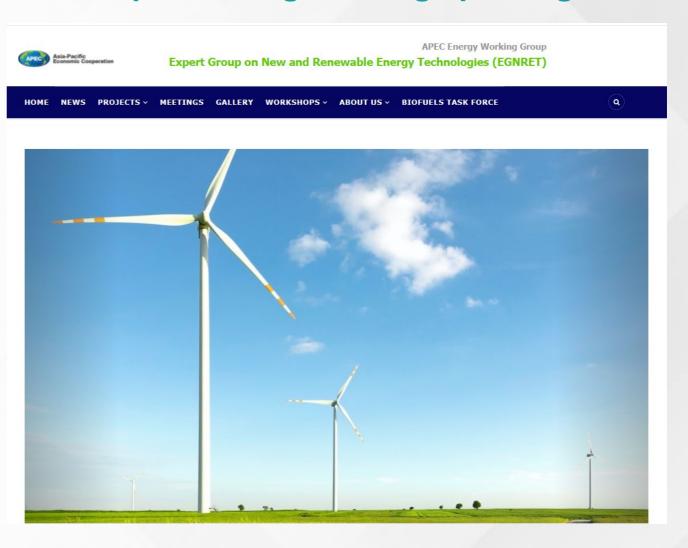
#### **Completed Projects (3)**

Project Number	Project Title	Proposed Economy
EWG 10 2019A	APEC Workshop on Strategies and Successful Case Studies on Solar Energy	Viet Nam
EWG 04 2020A	The APEC Workshop on Community Based Waste to Energy Management	Indonesia
EWG 03 2021S	APEC Clean Energy Purchasing and Decarbonization Workshop	USA



# Thank You For Your Attention!

# EGNRET website http://www.egnret.ewg.apec.org/



# **Project Developing**



Project Duration: 15~20 months

PS<sub>1</sub>

Expected Start
Date:
Aug to Oct

Implementation

Must Complete: Dec of 2<sup>nd</sup> Year

e.g. Approved in PS1 2023, must complete by Dec 2024

PS 2

Expected Start
Date:
Nov to Jan

Implementation

Must Complete: Jun of 3<sup>rd</sup> Year

e.g. Approved in PS2 2023, must complete by Jun 2025