



**Asia-Pacific
Economic Cooperation**

PROJECT REPORT

APEC Project: EWG 14 2021 A

Empowering Indigenous Social Awareness on Renewable
Energy and Increasing Inclusion Sustainability for Green
Energy Applications in APEC Regions

Chinese Taipei, 22-24 March 2023

EGNRET 59

17 October 2023 Manila, Philippines



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Project Overview

Objectives

To empower the indigenous on social awareness of renewable energy technologies by developing the knowledge, ability, skill, and technical know-how to accelerate the development of green energy technologies.

To conduct training course on (1) physical-virtual hybrid learning modules, (2) green farm on-site learning

To conduct 3-day events of (1) policy dialogue, (2) workshop, and (3) real case practice visit for collaboration and international exchange to other APEC member economies





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Project Implementation

Executive Summary

Feng Chia University hosted a 3 -Day Event (including Policy Dialogue, Workshop, Online Training Program, and Self-Fund On-site Learning) under the APEC project EWG 14 2021A – 2023 APEC Workshop.





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- Currently, in APEC's developing economies, most indigenous people's land is located in remote rural areas.
- It is not easy to connect to the centralized power grid for access to clean energy.
- This project aims to demonstrate the best practice model for developing the indigenous green energy farm with a small-scale distributed renewable energy system.
- This project help APEC's developing economies build green energy farms with access to distributed renewable energy.



Highlights



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3 (Three) Key Issues as Main Discussion
in this workshop :

- Aboriginal Land Planning and Climate Change.
- Agricultural Waste Management and Bioenergy in the Aboriginal Area.
- Renewable Energy Technology and Regulations in the Aboriginal Area.





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AGENDA

1

DAY 1

- Policy Dialog
- Hybrid Training Course

2

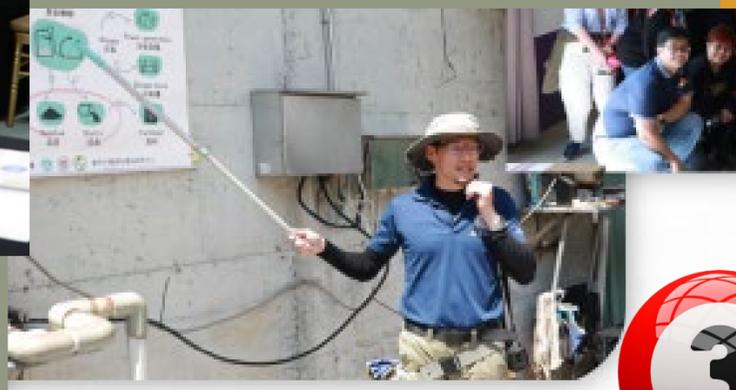
DAY 2

- Workshop I

3

DAY 3

- Workshop II
(Green Birth Farm On-site Learning)





Speakers & Participants

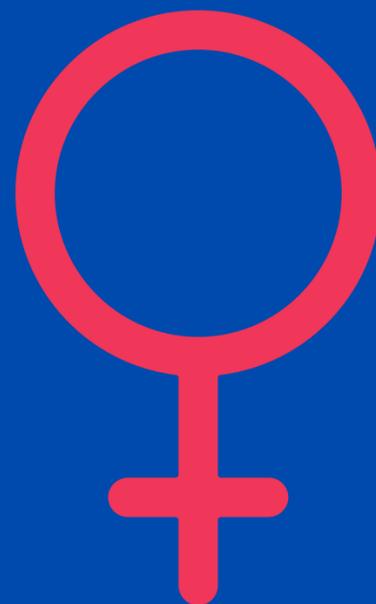
MALE

38 persons (49%)



FEMALE

39 persons (51%)



INDIGENOUS SPEAKERS

6 of 14 speakers (43%)



Outcomes



- Policy Recommendation
- Best Practice of Green Birth Farm's Advanced Biogas Production System
- Active participation of all economies who attended in the workshop
- Gender participation
- Indigenous Communities Inclusion
- Establish collaboration through MoU signing between the institutions of:
 - Chinese Taipei- Italy
 - Chinese Taipei- Indonesia
 - Indonesia- Thailand

Overall the point of outcome is to foster the inclusion and empowerment of the Indigenous people in the green energy sector, promoting sustainable development, economic opportunities, and cultural preservation for Indigenous communities within the APEC region.



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CONCLUSIONS

- APEC workshop on Indigenous people inclusion and empowerment in green energy technologies has highlighted the importance of integrating Indigenous knowledge, values, and perspectives into renewable energy projects.
- It has emphasized the need for collaboration, capacity building, and policy support to ensure the active participation and benefit of Indigenous communities in the green energy sector.





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Submitted for review on 23 September 2023



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**APEC Workshop on Empowering Indigenous
Social Awareness on Renewable Energy and
Increasing Inclusion Sustainability for Green
Energy Applications in APEC Regions**

22-24 MARCH 2023

APEC Energy Working Group
August 2023



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Thank you
very much!

