

SUMMARY OF EWG PROJECT IN VIET NAM

APEC Workshop on Promoting Renewable Energy for
Rural and Remote Area Development

Time and Date

On 16 and 17 August 2022, the APEC Workshop on Promoting Renewable Energy for Rural and Remote Area Development, initiated by Viet Nam and co-sponsored by Canada; Hong Kong, China; Japan; Indonesia; Korea; Chinese Taipei; Thailand; USA was held in a hybrid mode.

Speakers and participants came from energy-related international organizations and research institutions and APEC member economies' relevant Ministries and government's agencies, companies and business associations.

Objective

1. Help relevant economies and stakeholders share information and experiences in using renewable energy to promote rural/remote area development;

2. Develop a set of recommendations on renewable energy policies for policy makers.



KEY ISSUE

1. THE IMPORTANCE OF RENEWABLE ENERGY IN RURAL / REMOTE AREA

Current situation of electricity development in remote areas and problems of renewable energy power generation facilities in island areas, Stabilizing Solar power.

Contributions of small hydropower to rural electrification in rural and remote areas in Viet Nam.

Same challenges that remotes areas in developed and developing economies face and lessons, experiences shared in both directions.

2. OPPORTUNITIES AND CHALLENGES FOR DEVELOPING RENEWABLE ENERGY IN RURAL/REMOTE AREA

- Technology opportunities with a focus on technologies for rural and remote areas. Microgrids are widely deployed for a variety of reasons, with a focus on resiliency and reliability.
- Opportunity and challenges of electrification for remote communities using renewable energy; Cases of renewable energy mini-grid project in remote community.
- Possible setbacks and challenges regarding supply chain, legal constrains, public participation and government organization.

3. CASE STUDIES IN DEVELOPING RENEWABLE ENERGY IN RURAL/REMOTE AREA

- Case of developing renewable energy in remoted areas in Chinese Taipei: Promotion of offshore wind and schemes to accelerate solar PV deployment.
- Project on energy production for rural areas from fruit and vegetable wastes in Viet Nam.
- Canada federal programs targeting reducing diesel dependence in remote communities and Clean Energy for Rural and Remote Communities Program. Case studies of Fort Chipewyan Solar Project and Old Crow Solar Project.

RECOMMENDATION

To the governments

- Put in place mechanisms to enable the participation of all parties, promoting financial transparency and developing portals on financial mechanisms;
- Improve coordination and public-private partnership to fully support rural and remote areas in such projects.
- Carry out more research and development work on different renewable energy sources, with a focus on technologies that can best support micro-grids, EMS and hybrid system, etc.
- Study, learn experience and create renewable energy innovative challenge fund to better promote ideas, deployment and financing for renewable energy in remote and rural areas.
- Develop and apply home solar battery model.
- Support access to financial resources that help remove the huge barrier for developing economies to acquire technologies, especially green ones

To APEC:

- Organize more workshops, seminars for policy makers, bankers and financiers on renewable energy technologies, renewable energy projects and potentials to become better aware of the sector and develop appropriate enabling legal and financial mechanisms.
- Organize policy dialogues among the private sector, civil society and the government to better understand and communicate on the economic, social and environmental benefits of renewable energy in remote and rural areas, discuss and agree on the common interests, and reach a higher level of consensus and cooperation to promote renewable energy in the region.
- Consider using the Renewable Expert Working Group meeting to focus on technologies and broader approaches to providing renewable energy to remote and rural communities.



More details can be found in **SUMMARY
REPORT EWG 08 2020A – APEC
Workshop on Promoting Renewable
Energy for Rural and Remote Area
Development.**

THANK YOU FOR YOUR LISTENING!