

**APEC Expert Group on
New and Renewable Energy Technologies**

**Progress/Status of
Current EGNRET Projects**

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APEC EGNRET Secretariat**



**Asia-Pacific
Economic Cooperation
EGNRET**

EGNRET Project Update

(2014-2017)



Status	Projects	Note
Concept Note (Session 2, 2018)	0	
Proposing Projects (Session 2, 2018)	1	
Project in Implementation	7	4 projects (2017) 3 projects (2016)
Completed	2	Since EWG 54

Proposing Project

◆ 2018 S2

	Project Title	Proposed Economy
1	Low Emissions Development Strategies: Supporting the transition to energy efficient, electric transport systems	USA

Self fund Project

	Project Title	Proposed Economy
1	APEC Workshop on Quality Electric Power Infrastructure focusing on Waste to Energy	Japan
2	Ethanol's Role in APEC Energy Access	USA

EGNRET Projects – Project in Implementation



◆ 2017 S2

	Project Number	Project Title	Proposed Economy
1	EWG 11 2017A	Empowering a Distributed Energy Resource Future through Regulatory and Market Reforms	Thailand
2	EWG 13 2017A	Integrated energy system planning for equitable access to sustainable energy for remote communities in the northern regions of North Sulawesi	Australia

◆ 2017 S1

	Project Number	Project Title	Proposed Economy
1	EWG 02 2017A	Making the Case for Clean Energy Investments with Life-Cycle Impact Assessments	USA
2	EWG 06 2017A	Economic and Life Cycle Analysis of Solar Photovoltaic Systems in APEC Region toward Low-Carbon Society	Malaysia

EGNRET Projects – Project in Implementation



◆ 2016 S1

	Project Number	Project Title	Proposed Economy
1	EWG 03 2016A	Study on the Cost-Effective Renewable Energy-Supply Solutions based on Innovative Solar Technologies to Promote Green Buildings in APEC Region	China
2	EWG 07 2016A	Off Grid Electrification Option for Remote Regions in APEC Economies	China
3	EWG 09 2016A	Promoting innovative green financing mechanisms for sustainable urbanization and quality infrastructure development in APEC region	China

EGNRET Projects – Completed Projects



◆ 2016

Project Number	Project Title	Proposing Economy
1	EWG 11 2016A Filling the Gap to Reach the Goal of Doubling Renewable Energy in the APEC Region	Chinese Taipei
2	EWG 18 2016A Heating Applications of Bio-pellet Made from Ecological-hazard Plant in Small and Medium Enterprises to Enhance Utilization of Renewable Energy in the APEC Region	Chinese Taipei
3	EWG 20 2016A Guidelines toward High Biodiesel Blend Diesel (eg B20) Specification in the APEC Region	Thailand

◆ 2017

Project Number	Project Title	Proposing Economy
1	EWG 01 2017A APEC Peer Review on Low-Carbon Energy Policies (PRLCE), Phase 4	Japan

Thank you for your attention EGNRET website

<http://www.egnret-ewg-apec.org/>



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APEC Energy Working Group
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APEC Expert Group on
New and Renewable Energy Technologies
(EGNRET)

The EGNRET has been established by-and reports to the APEC Energy Working Group(EWG)



The mission of the EGNRET is to facilitate an increase in the use of new and renewable energy technologies in the APEC region

NEWS



PROJECTS



MEETINGS



Annex EGNRET Projects – Completed Projects



◆ 2015

	Proposed Economy	Project Number	Project Title
2015 S1	USA	EWG 05 2015A	Workshop on Experiences and Plans to Double Renewable Energy Utilisation by 2030 in the APEC Region
	China	EWG 11 2015A	APEC Low Carbon Model Town Solar Photovoltaic Agricultural Development Mode Study
	USA	EWG 12 2015A	Ethanol Trade Development as Part of APEC's Renewable Fuel Strategy
	China	EWG 13 2015A	Power Generation with Groundbreaking Biomass Fuel Cell Technology
	Thailand	EWG 14 2015A	Small and Medium PV System Database in the APEC Region
	Vietnam	EWG 15 2015A	APEC Workshop on Promoting the Development of Wind Energy, Phase 2 - Public-Private Partnership for Wind Energy Development
	Vietnam	EWG 16 2015A	APEC Workshop on Promoting the Development of Biomass Energy
	Thailand	EWG 17 2015A	Promoting Safety in Using Renewable Energy
2015 S2	China	EWG 18 2015A	A Comparative Study on Multi-Field Applications of Building-Mounted PV (BMPV) in the APEC Region
	USA	EWG 19 2015A	APEC Fossil Fuel Subsidy Reform Capacity Building Workshop
	Vietnam	EWG 20 2015A	APEC Public-Private Dialogue on Promoting Trade and Investment in Renewable and Clean Energy
	Chinese Taipei	EWG 21 2015A	Long Term Reliability Study of PV Systems for Installation on Islands
	China	EWG 22 2015A	Developing Solar-Powered Emergency Shelter Solutions (SPESS) as an Energy Resiliency Tool for Natural Disaster Relief in APEC Community
	Chinese Taipei	EWG 23 2015A	Best Practices for Developing the Green Energy Smart Farm in the
	Vietnam	EWG 24 2015A	Case Studies on the Best Practices of Wind Energy Development in APEC Region
USA	EWG 25 2015A	Strategy for Large-Scale Implementation of Biogas Capture from Palm Oil Mill Effluent and Reuse for Renewable Electricity Generation	

Annex EGNRET Workshops in 2017



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Jan. 08-10	3 rd Workshop on Training and Experience transfer on Renewable Energy Safety	Thai Binh City, Viet Nam
Jan. 15	APEC Low Carbon Model Town Solar Photovoltaic Agricultural Development Mode Study	Beijing, China
Feb. 23-25	Ethanol Trade Development as Part of APEC's Renewable Fuel Strategy	Bangkok, Thailand
Feb. 28 – Mar. 02	The 4 th Workshop on Renewable Energy Prospects and Safety	Jakarta, Indonesia
Mar. 09-10	Workshop on Long-Term Reliability Study of Photovoltaic (PV) Systems for Installation on Islands	HsinChu, Chinese Taipei
Mar. 27-30	Workshop on Filling the Gap to Reach the Goal of Doubling Renewable Energy in the APEC Region	Jeju, Republic of Korea
May 22	Workshop: Research on Energy Storage Technologies to Build Sustainable Energy Systems in the APEC Region	Beijing, China
Sep. 21	Study on the Cost-Effective Renewable Energy-Supply Solutions based on Innovative Solar Technologies to Promote Green Buildings in APEC Region	Tianjing, China
Oct. 23	Small and Medium PV System Database in the APEC Region	Tokyo, Japan
Oct. 24	Heating Applications of Bio-pellet Made from Ecological-hazard Plant in Small and Medium Enterprises to Enhance Utilization of Renewable Energy in the APEC Region	Tokyo, Japan

Annex EGNRET Workshops in 2016



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Jan. 18-19	Promoting Renewable Power Generation With Fuel Cell Technologies	Beijing, China
Apr. 11-12	Ethanol trade development as part of APEC's Renewable Fuel Strategy	Taichung City, Chinese Taipei
Apr 12-12	Best Practices For Developing The Green Energy Smart Farm In The APEC Region	Taichung City, Chinese Taipei
Jul. 26-27	APEC Workshop on Promoting the Development of Biomass Energy	Boracay, Philippines
Sep. 13-14	APEC Public-Private Dialogue on Addressing Impediments in Financing Renewable Energy	Hanoi, Viet Nam
Sep. 26-27	Small and Medium PV System Database in the APEC Region	Chiang Mai, Thailand
Oct. 12-13	The 2 nd Workshop For Developing The Green Energy Smart Farm In The APEC Region	Jakarta, Indonesia