

Progress/Status of Current EGNRET Projects

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**Asia-Pacific
Economic Cooperation**

EGNRET

EGNRET Project Update

(2014-2017)



Status	Projects	Note
Concept Note (Session 1, 2018)	2	
Proposing Projects (Session 2, 2017)	2	
Implementation	14	3 projects (2017) 7 projects (2016) 4 projects (2015)
Completed	17	12 project (2015) 5 projects (2014)

EGNRET Projects – Concept Note



◆ 2018 S1

Originating Forum / Concept Note Identification No.	Project Title	Proposed Economy
NRE181-1	Policy and technology analysis to support development and deployment of renewable energy in APEC Region	China
NRE181-2	Filling the Gap to Reach the Goal of Doubling Renewable Energy in the APEC Region- Phase 2	Chinese Taipei

EGNRET Projects - Proposing Projects



◆ 2017 S2

No.	Project Title	Proposing Economy
1	Empowering a Distributed Energy Resource Future through Regulatory and Market Reforms	Thailand
2	Integrated energy system planning for equitable access to sustainable energy for remote communities in the northern regions of North Sulawesi	Australia

EGNRET Projects - Project in Implementation



◆ 2017 S1

	Project Number	Project Title	Proposed Economy
1	EWG 01 2017A	APEC Peer Review on Low-Carbon Energy Policies (PRLCE), Phase 4	Japan
2	EWG 02 2017A	Making the Case for Clean Energy Investments with Life-Cycle Impact Assessments	USA
3	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 04 2016A	Research on Energy Storage Technologies to Build Sustainable Energy Systems in the APEC Region	China
3	EWG 07 2016A	Off Grid Electrification Option for Remote Regions in APEC Economies	China
4	EWG 09 2016A	Promoting innovative green financing mechanisms for sustainable urbanization and quality infrastructure development in APEC region	China

◆ 2016 S2

	Project Number	Project Title	Proposed 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

EGNRET Projects - Project in Implementation



◆ 2015 S1

	Project Number	Project Title	Proposed Economy
1	EWG 11 2015A	APEC Low Carbon Model Town Solar Photovoltaic Agricultural Development Mode Study	China
2	EWG 14 2015A	Small and Medium PV System Database in the APEC Region	Thailand
3	EWG 17 2015A	Renewable Energy Safety in APEC	Thailand

◆ 2015- S2

	Project Number	Project Title	Proposed Economy
1	EWG 22 2015A	Developing Solar-Powered Emergency Shelter Solutions (SPESS) as an Energy-Resilience Tool for Natural Disaster Relief in APEC Community	China

EGNRET Projects – Completed Projects



◆ 2015

	Project Number	Project Title	Proposed Economy
1	EWG 05 2015A	Workshop on Experiences and Plans to Double Renewable Energy Utilisation by 2030 in the APEC Region	USA
2	EWG 12 2015A	Ethanol Trade Development as Part of APEC's Renewable Fuel Strategy	USA
3	EWG 13 2015A	Promoting Renewable Power Generation with Fuel Cell Technologies	China
4	EWG 15 2015A	APEC Workshop on Promoting the Development of Wind Energy, Phase 2 – Public Private Partnership for Wind Energy Development	Viet Nam
5	EWG 16 2015A	APEC Workshop on Promoting the Development of Biomass Energy	Viet Nam
6	EWG 18 2015A	A Comparative Study on Multi-Field Applications of Building-Mounted Photovoltaic (BMPV) in the APEC Region	China
7	EWG 19 2015A	APEC Fossil Fuel Subsidy Reform Capacity Building Workshop	USA
8	EWG 20 2015A	APEC Public – Private Dialogue on Promoting Trade and Investment in Renewable and Clean Energy	Viet Nam
9	EWG 21 2015A	Long term reliability study of PV systems for installation on islands	Chinese Taipei
10	EWG 23 2015A	Best Practices for Developing the Green Energy Smart Farm in the APEC Region	Chinese Taipei
11	EWG 24 2015A	Case Studies on the Best Practices of Wind Energy Development in APEC Region	Viet Nam
12	EWG 25 2015A	Strategy for Large-Scale Implementation of Biogas Capture from Palm Oil Mill Effluent and Reuse for Renewable Electricity Generation	USA

EGNRET Projects – Completed Projects



◆ 2014

	Project Number	Project Title	Proposed Economy
1	EWG 01 2014A	APEC Peer Review on Low-Carbon Energy Policies (PRLCE), Phase 3	Japan
2	EWG 01 2014S	2014 APEC Workshop on Biodiesel Application Experiences	Chinese Taipei
3	EWG 02 2014A	APEC Public-Private Dialogue on Addressing Impediments in Financing Renewable Energy	Viet Nam
4	EWG 03 2014A	APEC Photovoltaic System Best Practices and Latest Development Comparative Study (PV-BPLD)	China
5	EWG 07 2014A	Realization of APEC Low Carbon Model Town through Smart Grid Development (LCMT-SGD)	Thailand

EGNRET Workshops in 2017



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

EGNRET Workshops in 2016



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

Thank you for your attention

EGNRET website <http://www.egnret.ewg.apec.org/>



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

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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



2013 Projects (Completed)



Project Number	Project Title	Proposed Economy
APEC Low Carbon Town Plan and Design Contest	China	EWG 01 2013S
APEC Low Carbon Model Town Capacity Building Development	China	EWG 05 2013A
Promote APEC Low Carbon Town Development with District Energy System	China	EWG 07 2013A
APEC Photovoltaic Application Roadmap and Model Study (PVARM)	China	EWG 11 2013A
APEC Low-Carbon Model Town Development Model and Tool Kit Study (LCMT-DMTK)	China	EWG 13 2013A
APEC Photovoltaic Communication and Cooperation Platform (PVCCP)	China	EWG 16 2013A
Study of APEC Low Carbon Model Town Development Index System	China	EWG 21 2013A
District Energy Systems Development Roadmap Study in APEC Economies	China	EWG 24 2013A
APEC Low-Carbon Model Town Heating System Application Model and Best Practices	China	EWG 25 2013A
APEC Low-Carbon Model Town Energy Management System Development and Application Research	China	EWG 20 2013A

2013 Projects (Completed)



Project Number	Project Title	Proposed Economy
EWG 10 2013A	APEC Low Carbon Model Town (LCMT) Promotion through Eco-Point Program (LCMT-EPP)	Thailand
EWG 06 2013A	APEC Smart DC Community Power Opportunity Assessment	Thailand
EWG 22 2013A	Capacity building for installers and system designers for solar PV rooftop installations	USA
EWG 14 2013A	APEC Workshop on Promoting the Development of Wind Energy	Viet Nam
EWG 23 2013A	APEC Conference on Facilitating the Solar Supply Chain	Viet Nam