

APEC Expert Group on New and Renewable Energy Technologies

Welcome to EGNRET 47



Asia-Pacific
Economic Cooperation
EGNRET

EGNRET 47

Jakarta, Indonesia, Oct. 10-13, 2016

Progress/Status of Current EGNRET Projects

Oct. 11 2016

Tarcy Jhou

EGNRET Secretariat



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EGNRET Project Update (2014-2016)



Status	Projects	Note
Completed	6	1 project (2015) 5 projects (2014)
Implementation	15	3 Projects (2016) 12 projects (2015)
Concept Note approved from Session 1, 2016	2	
Concept Note sent for Session 2, 2016	6	

EGNRET 2017 S1 6 Proposing Projects



No.	Project Title	Proposing Economy(ies)
1	Making the Case for Clean Energy Investments with Life-Cycle Impact Assessments	USA
2	Economic and Life Cycle Analysis of Solar Photovoltaic Systems in APEC region toward Low-carbon Society	Malaysia
3	Guidebook for BMPV System Installation in APEC region	China
4	APEC Peer Review on Low-carbon Energy Policies (PRLCE) Phase 4	Japan
5	Technical Analysis to support development and deployment of Renewable Energies in APEC Region	China
6	Improving User-side Clean Energy Consumption in the APEC Region by Utilizing Distributed Solar PV and Energy Storage	China

Originating Forum / Concept Note Identification No.	Project Title	Proposed Economy
EWG 2	Filling the Gap to Reach the Goal of Doubling Renewable Energy in the APEC Region	Chinese Taipei
EWG 11	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
EWG 12	Guidelines toward high biodiesel blend diesel (e.g. B20) specification in the APEC region	Thailand

EGNRET 2016 S1 6 Funded Projects (Project in Implementation)



Project Number	Project Title	Proposed Economy
EWG 07 2016A	Off Grid Electrification Option for Remote Regions in APEC Economies	China
EWG 04 2016A	Research on Energy Storage Technologies to Build Sustainable Energy Systems in the APEC Region	China
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

EGNRET 2015 S2 6 Funded Projects (Project in Implementation)



Project Number	Project Title	Proposed Economy
EWG 21 2015A	Long term reliability study of PV systems for installation on islands	Chinese Taipei
EWG 23 2015A	Best Practices for Developing the Green Energy Smart Farm in the APEC Region	Chinese Taipei
EWG 25 2015A	Strategy for Large-Scale Implementation of Biogas Capture from Palm Oil Mill Effluent and Reuse for Renewable Electricity Generation	USA
EWG 20 2015A	APEC Public – Private Dialogue on Promoting Trade and Investment in Renewable and Clean Energy	Viet Nam
EWG 24 2015A	Case Studies on the Best Practices of Wind Energy Development in APEC Region	Viet Nam
EWG 22 2015A	Developing Solar-Powered Emergency Shelter Solutions (SPESS) as an Energy-Resilience Tool for Natural Disaster Relief in APEC Community	China

EGNRET 2015 S1 6 Funded Projects (Project in Implementation)



Project Number	Project Title	Proposed Economy
EWG 13 2015A	Promoting Renewable Power Generation with Fuel Cell Technologies	China
EWG 18 2015A	A Comparative Study on Multi-Field Applications of Building-Mounted Photovoltaic (BMPV) in the APEC Region	China
EWG 17 2015A	Renewable Energy Safety in APEC	Thailand
EWG 14 2015A	Small and Medium PV System Database in the APEC Region	Thailand
EWG 16 2015A	APEC Workshop on Promoting the Development of Biomass Energy	Viet Nam
EWG 12 2015A	Ethanol Trade Development as Part of APEC's Renewable Fuel Strategy	USA

EGNRET 2015 S1 1 Funded Projects (Completed Project)



Project Number	Project Title	Proposed Economy
EWG 15 2015A	APEC Workshop on Promoting the Development of Wind Energy, Phase 2 – Public Private Partnership for Wind Energy Development	Viet Nam

2014 Projects



Project Completed


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

Thank you for your attention!



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

APEC Energy Working Group
EXPERT GROUP ON NEW AND RENEWABLE ENERGY TECHNOLOGIES



Asia-Pacific Economic Cooperation




Home Representatives Projects Meetings Workshops Reports Publications Reference

WELCOME

Welcome to the official website of the 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 Meetings Contacts

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2013 Projects (Completed)



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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

EGNRET Project Workshops in 2016



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