

Progress/Status of Current EGNRET Projects

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EGNRET Secretariat



Asia-Pacific
Economic Cooperation

EGNRET

EGNRET Project Update

(2014-2017)



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Status	Projects	Note
Completed	7	2 project (2015) 5 projects (2014)
Implementation	21	7 Projects (2016) 14 projects (2015)
Concept Note (Session 2, 2017)	2	
Proposing Projects (Session 1, 2017)	5	

◆ 2 Concept Notes

Originating Forum / Concept Note Identification No.	Project Title	Proposed Economy
NRE172-1	Empowering a Distributed Energy Resource Future	Thailand
NRE172-2	Strengthening Sustainable Growth by Promoting the Development of Offshore Wind Power in the APEC Region	China

EGNRET Projects - 2017 S1



◆ 5 Proposing

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	APEC Peer Review on Low-carbon Energy Policies (PRLCE) Phase 4	Japan
4	Technical Analysis to support development and deployment of Renewable Energies in APEC Region	China
5	Improving User-side Clean Energy Consumption in the APEC Region by Utilizing Distributed Solar PV and Energy Storage	China

EGNRET Projects - 2016 S2



◆ 3 Funded Projects (Project in Implementation)

Project Number	Project Title	Proposed Economy
EWG 11 2016A	Filling the Gap to Reach the Goal of Doubling Renewable Energy in the APEC Region	Chinese Taipei
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
EWG 20 2016A	Guidelines toward High Biodiesel Blend Diesel (eg B20) Specification in the APEC Region	Thailand

EGNRET Projects - 2016 S1



◆ 4 Funded Projects (Project in Implementation)

Project Number	Project Title	Proposed Economy
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
EWG 04 2016A	Research on Energy Storage Technologies to Build Sustainable Energy Systems in the APEC Region	China
EWG 07 2016A	Off Grid Electrification Option for Remote Regions in APEC Economies	China
EWG 09 2016A	Promoting innovative green financing mechanisms for sustainable urbanization and quality infrastructure development in APEC region	China

EGNRET Projects - 2015 S2



◆ 6 Funded Projects (Project in Implementation)

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

◆ 8 Funded Projects (Project in Implementation)

Project Number	Project Title	Proposed Economy
EWG 05 2015A	Workshop on Experiences and Plans to Double Renewable Energy Utilisation by 2030 in the APEC Region	USA
EWG 11 2015A	APEC Low Carbon Model Town Solar Photovoltaic Agricultural Development Mode Study	China
EWG 12 2015A	Ethanol Trade Development as Part of APEC's Renewable Fuel Strategy	USA
EWG 13 2015A	Promoting Renewable Power Generation with Fuel Cell Technologies	China
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 17 2015A	Renewable Energy Safety in APEC	Thailand
EWG 18 2015A	A Comparative Study on Multi-Field Applications of Building-Mounted Photovoltaic (BMPV) in the APEC Region	China



1 Funded Projects (Completed Project)

Project Completed

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
EWG 19 2015A	APEC Fossil Fuel Subsidy Reform Capacity Building Workshop	USA

2014 Projects



Project Completed

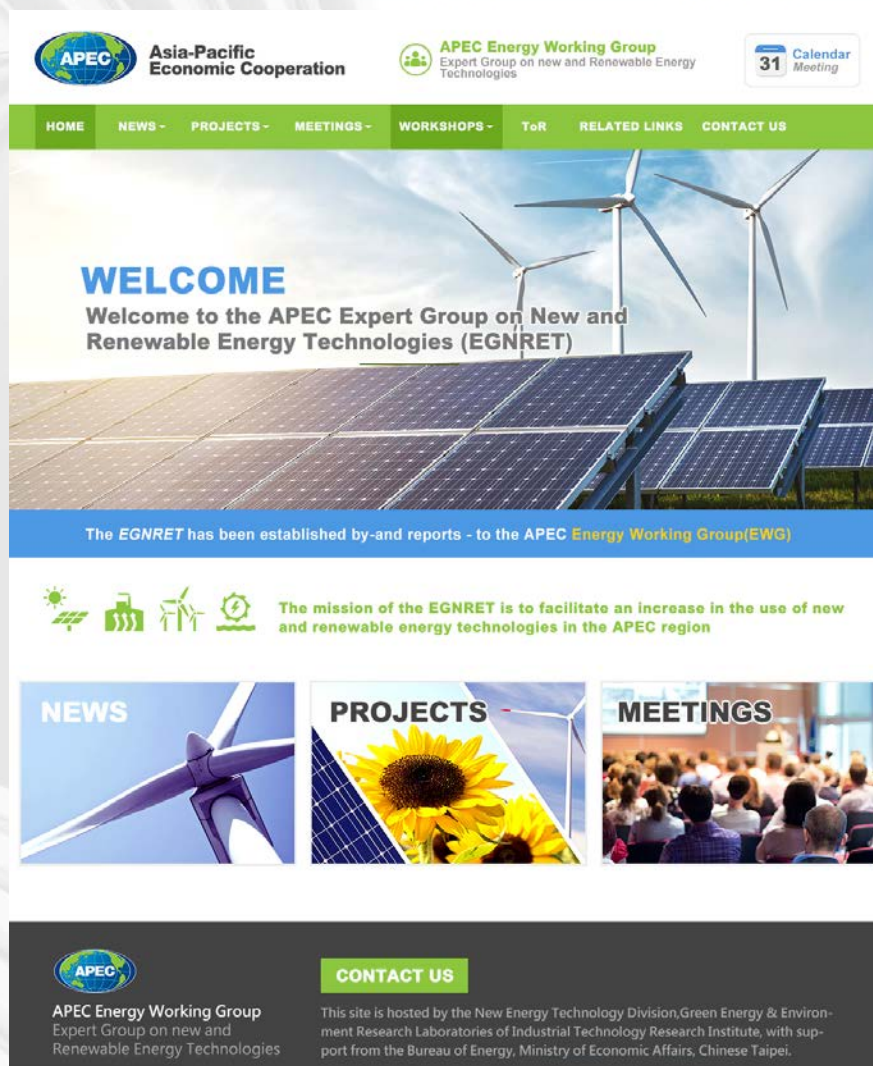
Project Number	Project Title	Proposed Economy
EWG 07 2014A	Realization of APEC Low Carbon Model Town through Smart Grid Development (LCMT-SGD)	Thailand
EWG 01 2014S	2014 APEC Workshop on Biodiesel Application Experiences	Chinese Taipei
EWG 01 2014A	APEC Peer Review on Low-Carbon Energy Policies (PRLCE), 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/>



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The screenshot shows the homepage of the EGNRET website. At the top, there is a navigation bar with the APEC logo and the text "Asia-Pacific Economic Cooperation". To the right, there is a logo for the "APEC Energy Working Group" and a "Calendar Meeting" widget showing "31". Below the navigation bar is a large banner image of solar panels and wind turbines. The banner contains the text "WELCOME Welcome to the APEC Expert Group on New and Renewable Energy Technologies (EGNRET)". Below the banner is a blue bar with the text "The EGNRET has been established by-and reports - to the APEC Energy Working Group(EWG)". Below this is a section with icons representing various energy sources and the text "The mission of the EGNRET is to facilitate an increase in the use of new and renewable energy technologies in the APEC region". At the bottom, there are three columns: "NEWS" with a wind turbine image, "PROJECTS" with a sunflower image, and "MEETINGS" with a group of people image. At the very bottom, there is a "CONTACT US" button and a footer with the APEC logo and the text "APEC Energy Working Group Expert Group on new and Renewable Energy Technologies". To the right of the footer, there is a paragraph of text: "This site is hosted by the New Energy Technology Division, Green Energy & Environment Research Laboratories of Industrial Technology Research Institute, with support from the Bureau of Energy, Ministry of Economic Affairs, Chinese Taipei."

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 Workshops in 2017



08-10 Jan	3rd Workshop on Training and Experience transfer on Renewable Energy Safety	Thai Binh City, Viet Nam
15 Jan	APEC Low Carbon Model Town Solar Photovoltaic Agricultural Development Mode Study	Beijing, China
23-25 Feb	Ethanol Trade Development as Part of APEC's Renewable Fuel Strategy	Bangkok, Thailand
28 Feb – 02 Mar	The 4th Workshop on Renewable Energy Prospects and Safety	Jakarta, Indonesia
09-10 Mar	Workshop on Long-Term Reliability Study of Photovoltaic (PV) Systems for Installation on Islands	HsinChu, Chinese Taipei
27-30 Mar	Workshop on Filling the Gap to Reach the Goal of Doubling Renewable Energy in the APEC Region	Jeju, Republic of Korea
22 May	Workshop: Research on Energy Storage Technologies to Build Sustainable Energy Systems in the APEC Region	Beijing, China

EGNRET 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