



Updated development of APEC Energy Working Group

EWG Secretariat



Outline

- Project application process
- Recent EWG decision on Project Management
- Outreach within and beyond APEC
- 2018 EWG Workplan
- APEC Energy Vision Post 2020
- EWG Website

Project application process

Step 1: Project Development with EWG Review (optional)

PO drafts CN in consultation with proposing Economy's APEC Forum representative

Proposing Economy Forum Representative can contact other economies' Fora representatives seeking project inputs and possible co-sponsorship

The proposing Economy Fora Representative submits project CN to EG/TF and APEC Secretariats by the optional EWG Project Review Deadline which is no later than **4 weeks** before EWG meeting.

Or Proposing Economy Fora Representative forwards CN to APEC Secretariat by the optional EWG Project Review Deadline with justification for not going through EWG EG/TF.

Project Refinement through EWG, EGs/TFs

EG/TF members review CNs and provide feedback to PO and Proposing Economy Fora Representatives. PO resubmits revised CN to EG/TF Chairs and Secretariat.

EG/TF Chair forwards latest CN version to APEC Secretariat no later than **2 weeks** before EWG meeting.

-APEC Secretariat circulates all CNs received from the EG/TF chairs **2 weeks** before EWG meeting with co-sponsorship Declaration Form.
-CNs are discussed at EWG meeting. Proposing Economy EWG Representative communicates EWG feedback to PO.

Step 2: Formal Submission, Co-Sponsorship (mandatory)

PO can choose to go straight to this step!

PO finalises CN and Proposing Economy Fora Representative submits Final CN to APEC Secretariat by the **APEC Internal Deadline**.

Originating Fora Representatives submit Co-sponsorship Declaration Form to APEC Secretariat by the **APEC Internal Deadline**.



Step 3: EWG and EELCM Sub-Fund project Endorsement, Eligibility Assessment and Scoring

APEC Secretariat reviews final CNs received for compliance. APEC Secretariat circulates to EWG members all CNs eligible for applying EELCM Sub-Fund.

EWG members make endorsement for all CNs, and score all CNs eligible for applying EELCM Sub-Fund.

APEC Secretariat informs PO and originating APEC Fora members of BMC "approval in-principle" outcome for CNs.

Recent EWG decision on Project Management

- Expert groups and task forces are requested to assist POs with familiarizing with APEC project procedures and to provide POs with technical advices for the sake of project quality.
- Members/EG Chairs are requested to present in the EWG meeting a 2 page summary of each EWG project completed since the last EWG meeting, including policy recommendations/suggestions for further APEC consideration or action.
- All projects should closely follow the rules of submission including the co-sponsorship and deadline.

Outreach within and beyond APEC

- All projects are encouraged to provide **high-level policy recommendations** upon completion and seek greater visibility.
- Expert groups are requested to be supportive in providing detailed and sound information to demonstrate work achievements which are to be submitted to APEC senior officials, such as **fora report** or other surveys.
- Expert groups are encouraged to conduct **cross-fora cooperation** and should report to EWG for endorsement.

Fora report submitted to APEC SCE

→ Section II: Progress on Projects and Other Initiatives

Title	Progress made	Mandate	ECOTECH Priorities	Cross-fora collaboration
APEC-funded Projects				
Water-Energy Nexus: Coal-Based Power Generation and Conversion - Saving Water. (EWG-08 2014A)	Final report submitted, which has been distributed to the EGCPE members and posted to the EGCPE and EWG websites for broader distribution.	Cognizant that the energy-water nexus is an important aspect of our collective energy resilience, As we define the appropriate fuel and power generation technology mix that would support the twin goals of economic prosperity and environmental sustainability, we will endeavor ways to understand the complex relationship between energy and water, address challenges, and utilize both resources more efficiently.	Sustainable Growth, Human Security	The International Energy Agency's Clean Coal Centre (IEA/C3C) prepared a similar report, but less technical, than the completed EGCPE study. The EGCPE study was referenced in the IEA's report.
APEC Peer Review on Low-Carbon Energy Policies (PRLCE), Phase 3. (EWG-01 2014A)	The PRLCE in Viet Nam was successfully conducted on 18-22 January 2016. The results were presented to the EGNRET members during the EGNRET 44 Meeting in April 2016 and the final report was endorsed by EWG members and published in August 2016.	We reaffirm the importance of low carbon development to achieve our individual and regional economic aspirations and goals.	Sustainable Growth, Human Security	
APEC Low-Carbon Model Town (LCMT) Project, Phase 6. (EWG-01 2015A)	The Sixth Edition of the "Concept", including the First Edition of the LCT-I System Guideline, was drafted and reported at the LCMT Task Force Meeting held in conjunction with the EWGS2 meeting in Russia in October 2016. They were endorsed by EWG Members in November 2016 and published on APEC's and APERC's websites. The APEC liaison officer will continue exchanging information with International Organization for Standardization (ISO). ALMEC Corporation, a contracted consultant, also reported the final results of the feasibility study in Mandaue City, the Philippines at the LCMT Task Force Meeting. The policy review of a low-carbon development project for Mandaue City, the Philippines was conducted on 7- 9 December 2016. The final draft policy review report was endorsed by EWG members in June 2017.	We encourage ongoing efforts in this direction toward energy efficient and low-carbon development in urban settings, including the implementation of the APEC Low-Carbon Model Town Project, use of green codes and standards for buildings, and the Energy Smart Communities Initiative. (2015 Leaders' Statement) We instruct the LCMT TF to move the current LCMT Project into the next stage in order to disseminate Low-Carbon Towns in the Asia-Pacific region. (2015 EMM Declaration)	Sustainable Growth, Human Security	The APEC liaison officer will continue exchanging information with International Organization for Standardization (ISO). An expert from OECD participated in the policy review.
APEC Nearly (Net) Zero Energy Building Best Practices and Energy Reduction Results Comparative Study. (EWG-02 2016A)	2015 APEC APEC-CZEBs-ISBE Workshop NZEB Case Studies, Best Practices, Policies Education Issues & Enabling Technologies was held very successfully. More than 30 speakers and 20 APEC	We encourage Member Economies to explore strategies to drive the shift towards green buildings including zero energy buildings.	Sustainable Growth, Human Security	The PO contacted with Prof Usha of UN IOYFP on Sustainable Buildings and Construction to find

2018 EWG Workplan

SOM3: Promoting Inclusive and Sustainable Growth

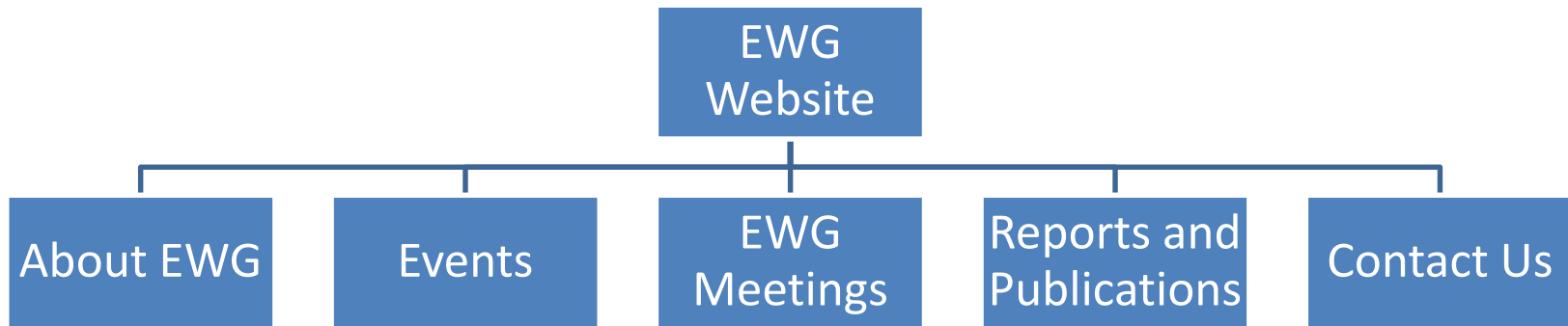
Expected Outcomes/Deliverables for 2018

- Energy Security
 - Renewable Energy
 - Energy Efficiency
 - Clean Fossil Fuels
 - Low-Carbon Towns
 - Sustainable Energy technology
 - Energy Resilience
 - Energy Access
- ◆ Oil and Gas Security Initiative (OGSI)
 - ◆ Peer Reviews of Inefficient Fossil Fuel Subsidies
 - ◆ Energy Smart Communities Initiative (ESCI) and Knowledge Sharing Platform (KSP)
 - ◆ Clean Coal Technologies
 - ◆ Green Energy Finance
 - ◆ Peer Review on Low Carbon Energy Policies (PRLCE)
 - ◆ Peer Reviews on Energy Efficiency (PREE)
 - ◆ Low Carbon Model Towns (LCMT)
 - ◆ Grid Integration of Renewable Energy
 - ◆ Improved Efficiency and Quality of Electric Grids

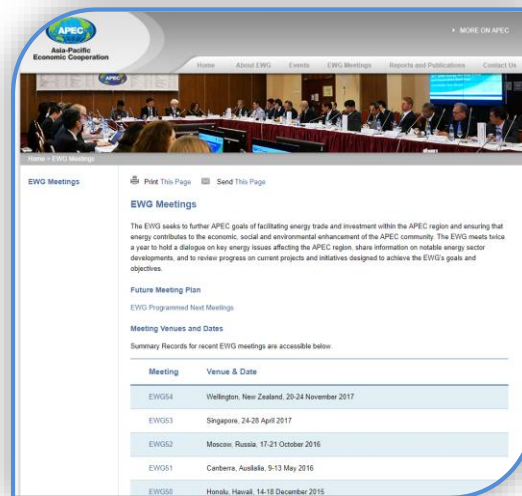
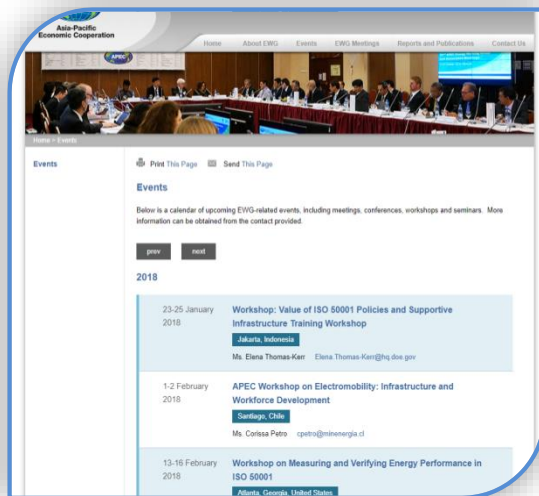
APEC Energy Vision Post 2020

- The Bogor Goals are drawing to a conclusion in 2020. APEC Senior officials turning their attention to consideration of a new APEC Vision Post 2020.
- The issue was raised in EWG51 by Australia.
- Outlines
 - Challenges
 - Challenge on Energy Security
 - Challenge on Energy Transition
 - Challenge on Energy Poverty
 - Challenge on Energy Investment
 - Opportunities
 - Possible Future Issues

APEC EWG Website



2-page summary



Completion Reports of EWG Projects

Project Number	Project Name	Deliverables	Proposing Economies
2017			
EWG 02 2017A	Trainings in Renewable Energy Best Practices: Procurement, Contracts, Lifecycle Cost Analyses, and Risk Mitigation to Mobilize Private Investment		United States
2016			
EWG 01 2016S	Oil and Gas Security Initiative: 2016		Japan
EWG 02 2016S	APEC Workshop on Energy Statistics		Japan
EWG 03 2016S	Conference on APEC Green Energy Finance		Chinese Taipei
EWG 04 2016S	2017 Energy Smart Communities Initiative (ESCI) Best Practices Awards Program		Chinese Taipei, United States
EWG 01 2016A	Gaps Assessment on APEC Energy Efficiency and Conservation Work Toward Fulfilling the Leaders' Energy Intensity Reduction Goal		United States
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

Your comments are welcome!

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