

# APEC Project Proposal

<b>Project Title:</b>	<b>Enhancing women's empowerment in energy field: mapping energy policies with gender perspective</b>		
<b>Fund Source (Select one):</b>	<input type="checkbox"/> General Project Account (GPA) <input type="checkbox"/> Trade and Investment Liberalization and Facilitation Special Account (TILF) <input type="checkbox"/> APEC Support Fund (ASF) – General Fund <input checked="" type="checkbox"/> APEC Support Fund (ASF) – Sub-Fund. <u>Please nominate the sub-fund here:</u> ...Women and the Economy		
<b>APEC forum:</b>	Energy Working Group		
<b>Proposing APEC economy:</b>	Chinese Taipei		
<b>Co-sponsoring economies:</b>	Australia, Chile, Japan, Singapore, USA		
<b>Expected start date:</b>	1 January 2019		
<b>Expected completion date:</b>	31 December 2020		
<b>Project summary:</b>  <b>Describe the project in under 150 words.</b> <b>Your summary should include the project topic, planned activities, timing and location:</b>  <i>(Summary must be no longer than the box provided. Cover sheet must fit on one page)</i>	<p>Under the framework of ambitious energy intensity reduction and renewable energy doubling goals committed by APEC leaders, many policies that are targeted at enhancing human resource and technology are enacted to accelerate capacity building, among which the relationship between energy issues and women's development remain as untapped potential.</p> <p>In line with APEC's goal to enhance women's economic participation, this project, by identifying affecting factors, barriers and accelerators, aims to conduct study on how to enhance women's empowerment from energy policy planning. Topics may cover existing energy issues with gender perspective, such as the impact of electricity market liberalization on women, or women's role in energy market. Women's participation in energy sector, including education and employment will also be covered. An international workshop seeking cross-fora dialogue between energy and gender expertise will be held under this project with the expectation of delivering new implication and insight for regional energy policy.</p>		
<b>Summary of Proposed Budget (USD) :100,000</b>	<b>APEC funding</b>	<b>Self-funding</b>	<b>Total</b>
	50,000	50,000	100,000

**Project Overseer Information and Declaration:**

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As Project Overseer and on behalf of the above said Organization, I declare that this submission was prepared in accordance with the **Guidebook on APEC Projects** and any ensuing project will comply with said Guidebook. Failure to do so may result in the BMC denying or revoking funding and/or project approval. I understand that any funds approved are granted on the basis of the information in the document's budget table, in the case of any inconsistencies within the document.

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Name of Project Overseer / Date

# Project Details

## **SECTION A: Project Relevance**

1. **Relevance – Benefits to region: What problem does the project seek to address? Does it have sustained benefits for more than one economy?**

APEC leaders have made important commitments to green energy development, including doubling renewable energy in the regional energy mix by the year 2030, as compared to the level in 2010, and reducing aggregate energy intensity in the region by 45% by the year 2035, over the level in 2005. APEC leaders have also committed to enhance women's economic empowerment, improve women's access to capital, assets and markets, increase women's participation in high-growth and high-wage sectors, and promote women's leadership, entrepreneurship, skills and competencies.

Although energy and gender are incorporated in the sustainable agenda of APEC, synergy among these two sectors are seldom sought. Energy policies that may significantly affect women are usually not examined or planned from gender perspective, for example, improving energy access can relieve women from burden of household chores, especially for those in less developed and remote areas where energy infrastructure are luxuries; also, women's engagement and development in the fast-growing energy sector are not given sufficient attention, despite the fact that women can play significant role as both energy consumers and producers, especially in terms of green energy.

Given the lack of dialogue between energy and gender sector and huge potential the dialogue can generate, this project expects to deliver new implication and insight for regional energy policy through an international workshop seeking cross-fora dialogue between energy and gender expertise, which will identify affecting factors, barriers and accelerators to enhance women's empowerment from the perspective of energy policy planning. As energy sector is growing robustly in which tremendous economic potentials remain to be developed in the APEC region, this project and cross-fora dialogue will benefit the APEC community's path to sustainability as a whole.

**Relevance – Eligibility: How does the project fit the eligibility criteria and funding priorities for the nominated fund or sub-fund? (see <http://www.apec.org/Projects/Funding-Sources.aspx> for eligibility criteria)**

This project directly follows criteria 4: Improve the enabling environment for trade and investment and economic participation for women by focusing on PPWE's five pillars impacting women's economic participation. This project also closely follows criteria 5, while it will be designed, implemented and evaluated from gender perspective.

**Relevance – Capacity Building: How will the project build the capacity of APEC member economies. For ASF projects, please identify the APEC developing member economies that will benefit from this project. (Refer to capacity building goals, objectives and principles at Appendix K of the Guidebook.)**

This project will serve as one of the few platforms of cross-fora dialogue between energy and gender expertise where opinions and actions on how energy sector can improve its inclusion of women's participation can be gathered and developed, and synergy between these two sectors can be further sought. The policy areas where energy and gender sector can work together on that are identified by this project can be further pursued by either individual economy or regional efforts.

2. **Objectives: Describe the 2-3 key objectives of the project. (e.g. to ensure workshop participants will be able to...; to create a framework...; to develop recommendations...; to build support...; to revise strategies...; to create an action plan; ...improve capacity in; etc.)**

- To create a platform where stakeholders from public and private sectors from both energy and gender background can exchange expertise to identify potential areas that energy policies can be improved with refined gender perspective.
- To increase knowledge in women's participation potential in each sub sector within energy field.
- To seek dialogues and collaboration between EWG and PPWE on women's empowerment in energy field for greater synergy among APEC on this issue.

3. **Alignment - APEC: Describe specific APEC priorities, goals, strategies and/ or statements that the project supports, and explain how the project will contribute to their achievement.**

This project is in alignment with APEC Leaders' commitments to:

- Acknowledging that greater economic participation by women spurs economic growth, we encourage economies and the private sector to implement initiatives that enhance women's

economic empowerment, improve women's access to capital, assets and markets, increase women's participation in high-growth and high-wage sectors, and promote women's leadership, entrepreneurship, skills and competencies. (2017)

- Given that full and productive employment for all population groups is essential for human development in the region, we also recognize that the economic empowerment of women, youth and persons with disabilities should be a priority under the APEC agenda for enhancing quality growth and human development. (2016)
- We recognize women's vital contribution to economic and social development and we commit to strengthen our efforts to support the mainstreaming of gender equality and women's empowerment across APEC's work, to ensure that women enjoy equal access to quality education and economic resources. We welcome efforts to support women's entrepreneurship, grow women-led SMEs, enhance women's digital literacy, promote women's career development, strengthen women and girls' access to science, technology, engineering and mathematics (STEM) education and careers and address health-related barriers to women's economic participation. (2016)
- We recognize the significance of enabling the full participation of all sectors and segments of our society, especially women, youth, people with disabilities, indigenous peoples, low-income groups, and micro, small and medium enterprises (MSMEs), to achieving inclusive growth. We underscore the importance of empowering them with the ability to contribute to and benefit from future growth. (2015)

This project is also in alignment with APEC Energy Ministerial Meeting commitments to:

- We recognize that providing reliable, affordable and secure supplies of energy to remote communities will drive income generation and simultaneously encourage economic growth, sustainable environmental outcomes and new opportunities, such as eco-tourism for our people including women. (2015)
- In keeping with APEC's goal of inclusive growth, the development of community-based clean energy strategies paves the way towards income generating activities that benefit the marginalized and indigenous communities as well as expand participation of women. We envisage the APEC region to be the home of well-integrated power systems as well as a global model for satellite community-based micro independent grids that promote sustainable and inclusive growth as well as offer equal and gender-fair employment opportunities. (2015)

### **Alignment – Forum: How does the project align with your forum's work plan/ strategic plan?**

This project coincides with EWG's increasing focus in working with relevant multilateral fora and organizations on cross-cutting energy issues. Specifically, this project supports the goals and missions of both the PPWE and EWG with a blended learning approach.

This project is in alignment with PPWE' plan to:

- The PPWE will conduct multiple consultations, workshops, skills building training sessions and activities jointly with other APEC fora to supplement and strengthen women's ability to fully participate in the economy. (PPWE Strategic Plan 2015-2018)
- The PPWE will work in collaboration with APEC fora, ABAC, the private sector and other key stakeholders to identify and pursue best practices, policies, programs, and structural and other reforms to increase women's economic empowerment, particularly for women in the informal economy. (PPWE Strategic Plan 2015-2018)

This project is also in alignment with EWG' plan to:

- In 2018, the EWG will expand its collaboration to include ...the Policy Partnership on Science, Technology and Innovation on new energy technology, and the Policy Partnership on Women and the Economy to integrate gender in the energy fora. (Energy Working Group's Workplan for 2018)
- The EWG's mission includes building the capacity of APEC economies to strengthen domestic and regional energy security and lower the carbon intensity of energy supply and use across the region, facilitated by information and data exchanges, joint research and development, and open trade and investment. Through workshops, seminars, exchanging views, developing best practice guides and manuals, demonstrations, peer reviews, research, data collection and analysis, and dissemination of information, the EWG works to develop the human resource base and energy consumers within APEC Member Economies to improve their analytical, technical, operational, and policy capacity in the area of renewable energy, energy efficiency and overall energy literacy, including full engagement of women in green development, as well as capacity building to train economies to assess their future energy outlook with the use of proper models to serve their policy makers. (Energy Working Group's Workplan for 2018)

## **SECTION B: Project Impact**

4. **Outputs:** Describe products or services that the project will create. This may include workshop, reports, tools, research papers, recommendations, best practices, action plans etc.

The output of this project will include:

- (1) Workshop: A two-day workshop will be held in late 2019. Experts from APEC and relevant international organizations will be invited to share diverse expertise on interconnection between energy and gender issue from global and regional level, in terms of policy making and market development. Delegates from member economies will also be encouraged to exchange their views on related barriers and potential solutions of how gender factors can be better incorporated in shaping and implementing energy policies.
- (2) Policy Recommendation Paper: The Workshop will be finalized with a roundtable discussion through which a policy recommendation paper will be generated as the conclusion and be reported to EWG members in EWG58 meeting, as well as to be shared with PPWE.
- (3) Project Report: A completion project report will include meeting materials and member economies' feedback to the workshop, as well as analysis of regional energy policies related to women's engagement and empowerment.

5. **Outcomes:** Describe the specific changes the outputs are expected to achieve in the medium-term. What changes in policy, processes or behaviour will the project lead to?

In the medium-term, the outcomes are expected to achieve the following:

- (1) This project will enhance member economies' capacity by exploring the full spectrum of women's participation potentials in energy field, major barriers identification and mitigation, and policy suggestions. It can be helpful for member economies in designing suitable policy framework and mechanisms, based on the lessons learnt from their peers.
- (2) The policy recommendation paper based on knowledge exchange and best practices shared in the workshop will provide guidance for APEC economies, research centers, and sub-fora of EWG to further identify potential gaps in accelerating women's engagement and empowerment in energy field, including enhanced partnership further cooperation with related APEC fora.
- (3) The project will provide basis for future joint work on cross-fora knowledge, data, and experiences exchange sharing and partnership with international organizations and non-APEC experts in terms of women's empowerment in energy field.

6. **Beneficiaries:** Who are the direct project participants and users of the outputs? Describe their qualifications, level of expertise, roles/level of responsibility, gender, economies represented, government departments, APEC fora involvement etc.. Explain how they will use and benefit from the outputs. Who else will benefit from the project and how?

As a platform for energy and gender exchange, this project will benefit experts both from energy and gender sectors in the APEC region, especially policy makers and institutions that design and implement energy policy. Essential stakeholders such as research institutes and NGOs may also benefit from discussion and knowledge dissemination within this project.

To be more specifically, policy makers will have a better understanding of promotional framework as well as supporting mechanism that are suitable for facilitating women's engagement and empowerment in energy field. For energy industries and business, it will help them improve workforce portfolio and business decision by introducing women's talent and influence in the energy field.

Through this project, the participants from APEC or non-APEC fora will be able to explore opportunities for further cooperation with integrated efforts and resources on facilitating women's participation in energy field. This project will also assist APEC member economies in formulating the policy framework, designing suitable incentives, and seeking the opportunities of building further partnership based on the expert network provided by this project.

7. **Dissemination:** Describe plans to disseminate results and/or outputs of the project, including:

- The number, form and content of any publications. (Note: APEC will not fund publications that are only presentation slides, or website maintenance. Electronic publication encouraged.)
- The target audience.
- Any intention to sell outputs arising from this project.

- A policy recommendation paper will be shared with APEC members in EWG 58 meeting scheduled in the late 2019 as well as with PPWE. The final report is planned to be submitted by the end of 2019.
- The target audience, as mentioned above, will come from both public and private sectors including APEC or non-APEC fora, policy makers, energy and gender related organization, and energy industries. Essential stakeholders such as various types of research institutes, NGOs, or entities from non-APEC economies may also be included within this project.

8. **Gender: What steps will the project take to ensure the participation and engagement of both men and women in project activities? How do project objectives benefit women?**

This project's main goal is to identify accelerators and remove barriers for women's participation in energy field. Women's voice and presence in the workshop will be highly valued and welcome. It will also conduct a statistical analysis of gender participation, and compile assessment and self-review in the completion report.

This project will benefit women by fully exploring their roles and potentials of development in the fast-growing energy sector. For example, in terms of energy poverty which still poses great challenges in some APEC developing economies where energy access is limited to general public and energy sources relies heavily on women's efforts to obtain traditional biomass, policies and strategies to combat energy poverty will not only benefit energy sector but relief women's potentials from household chores.

### SECTION C: Project Effectiveness

9. **Work plan: Provide a timeline of actions you will take to reach your objectives. For each, include:**

- How it will be implemented; how member economies, beneficiaries & others will be involved
- Related outputs for that particular step (e.g. contract, agenda, participant list, workshop, report)

Timeline	Key Activities	Outputs
Jan.-Mar. 2019	<ul style="list-style-type: none"> <li>• Organize secretariat</li> <li>• Analysis issues and compose meeting agenda</li> </ul>	<ul style="list-style-type: none"> <li>• Secretariat team</li> <li>• Draft agenda and list of participants</li> </ul>
Apr.-Jun. 2019	<ul style="list-style-type: none"> <li>• Invite experts from energy and gender sectors as speakers</li> <li>• Call for participants</li> </ul>	<ul style="list-style-type: none"> <li>• Arrangement of Workshop</li> <li>• Promotion materials</li> <li>• Cross-fora discussion with PPWE</li> </ul>
Jul.-Sep.2019	<ul style="list-style-type: none"> <li>• Draft policy recommendation paper</li> <li>• Host the Workshop</li> </ul>	<ul style="list-style-type: none"> <li>• Workshop</li> <li>• Conclusions and policy suggestion for further action to PPWE and EWG.</li> </ul>
Oct.-Dec. 2019	<ul style="list-style-type: none"> <li>• Compose the draft report.</li> </ul>	<ul style="list-style-type: none"> <li>• Request for PPWE and EWG's review and feedback</li> </ul>
Jan.-Mar.2020	<ul style="list-style-type: none"> <li>• Finalize the report</li> </ul>	<ul style="list-style-type: none"> <li>• Completion report to be distributed within EWG and PPWE</li> <li>• Seek feedback on further action</li> </ul>

10. **Risks: What risks could impact project implementation and how will they be managed?**

- (1) Lower rate of participation from members, especially from developing economies: The rate of participation may turn out to be low if issues addressed in this workshop do not correspond to the needs and interests of member economies or because of budgetary limits of individual economy. To manage the risk, this project will incorporate members' advice and opinions on the agenda and communicate closely with interested economies on financing their trip.
- (2) Confusing theme: This project aims to explore the concept and approaches to incorporate gender perspective in energy field. The concept of interconnection between energy and gender may be novel to some specific energy topics, therefore, to manage the risk, this project will carefully design the theme for each session in the workshop and ensure full communication with expert speakers.

11. **Monitoring and Evaluation: How will you know whether the project achieved its objectives?**

- What information will be collected to assess progress and impact (e.g. stakeholder feedback, website hits, participant stats)? How will gender impacts be measured?
- How will you collect it (e.g. surveys, meetings, interviews, peer review, records review)?
- What indicators will you use and/or measure to know if the project is on track (monitoring) and successful in meeting its objectives (evaluation)?

- Feedback form and emails: This project will develop a feedback form distributed to all participants. All opinions obtained will be integrated into the final report of this project.
- Analysis on participants: This Project will construct an analysis on participants with several elements, e.g., economy, sector, type of stakeholder, gender... etc.
- Policy recommendation paper: A policy recommendation paper will be reported to PPWE and EWG as a recommendation for future action.
- Final report and contact list of experts: A final report including research analysis and follow-up recommendation for cooperation to enhance women's participation in energy field in the region will be submitted with contact list of experts.

12. **Linkages:** Describe the involvement of other APEC fora, and other relevant organizations. Include:

- **Engagement:** How are you engaging other relevant groups within and outside APEC?
- **Previous work:** How does this project build on, and avoid duplication of, previous or ongoing APEC initiatives, or those of other organizations working in this area?
- **APEC's comparative advantage:** Why is APEC the best sources of funds for this project?

This project will seek to cooperate with potential stakeholders who also engage in similar capacity building activities, such as:

- (1) APEC: PPWE, ABAC, SMEWG.
- (2) Non-APEC: International or regional forums, e.g., International Energy Agency(IEA), International Renewable Energy Agency (IRENA), Global Women's Network for the Energy Transition (GWNET), Global Gender and Climate Alliance (GGCA)

The Project Overseer will ensure close and practical cross-fora collaboration with APEC fora with common interests. In the preparation stage, this project has reviewed related projects implemented within PPWE, EWG and other APEC fora. Most of the related projects have fruitful outputs in policy review, broad dialogues, and issue mapping in terms of women's economic empowerment; yet, women's engagement and empowerment in energy field is rarely paid attention. Building on the efforts of previous APEC projects, this project will have the advantages of adopting methodologies that have been developed by previous APEC projects to examine gender-related policies in energy field.

Currently, APEC is the one of the most diverse regimes for regional and international cooperation. In terms of energy, APEC is comprised of largest energy exporting economies and importing economies, as well as most advanced economies in terms of green energy technology and most needed economies in terms of energy transition. In terms of gender, APEC is the most dynamic region where women are contributing significantly in the fast-growing economy. Therefore, APEC will be the best sources for funding this project to address the common interest and challenges shared in this region.

#### **SECTION D: Project Sustainability**

13. **Sustainability:** Describe how the project will continue to have impact after the APEC funding is finished.

- **How will beneficiaries be supported to carry forward the results and lessons from the project?**
  - **After project completion, what are the possible next steps to build on its outputs and outcomes? How will you try to ensure these future actions will take place? How will next steps be tracked?**
  - **How will progress on the outcomes and impacts (Question 6) be measured? [less than 1 page]**
- (1) This project will create the opportunities for APEC and non-APEC fora to build further partnership on gender and energy field. It may urge further cooperation on in-depth efforts on data collection, case studies, capacity building programs and further research.
  - (2) The conclusion and suggestions of experts from the workshop under the project will be compiled and disseminated in both EWG and PPWE, and will be encouraged to be further used as a means for future actions to build up the respective mechanism and framework under their responsibilities.
  - (3) We would encourage feedbacks from the experts and participants of the workshop, as well as economy representatives in PPWE and EWG on progress in women's empowerment in energy field in their home economies.
  - (4) It will be encouraged that a cooperative network would be formed among the participants to enable future exchange of information and development of the work.

14. **Project Overseers: Who will manage the project? This includes managing of contractors and specialists. Please include brief details of the PO and any other main point(s) of contact responsible for this project.**

The Project Overseers is Ms. Su-Chen Weng, the Director Bureau of Energy, Ministry of Economic Affairs, Chinese Taipei. The main point of contact responsible for this project is Ms. Janet Song, assistant research fellow of Taiwan Institute of Economic Research.