

A blue-tinted world map with a white grid overlay, positioned at the top of the slide. Below the map is a solid blue horizontal bar.

# Report on Gender Issue within APEC Energy Working Group (EWG)

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Lead Shepherd of EWG

# APEC Energy Working Group (EWG)

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- Established in 1990
- Formally meets twice a year
- ✓ 2019: EWG57 (Manila, the Philippines)/ EWG58 (Antofagasta, Chile) 2020: EWG59 (Surabaya, Indonesia)/ EWG60 (Tokyo, Japan)
- **Major goals**
- ✓ Reducing Energy Intensity: reducing energy intensity by at least 45% by 2035 (with a 2005 base year), instructed by 2007 & 2011 APEC Leaders' Declarations.
- ✓ Doubling Renewable Energy: doubling the share of renewable energy in APEC' s overall energy mix by 2030 (over 2010 levels), instructed by 2014 APEC Leaders' Declaration.
- **Sub fund on Energy Efficiency and Low Carbon Measures (EELCM)**

# Key Objectives

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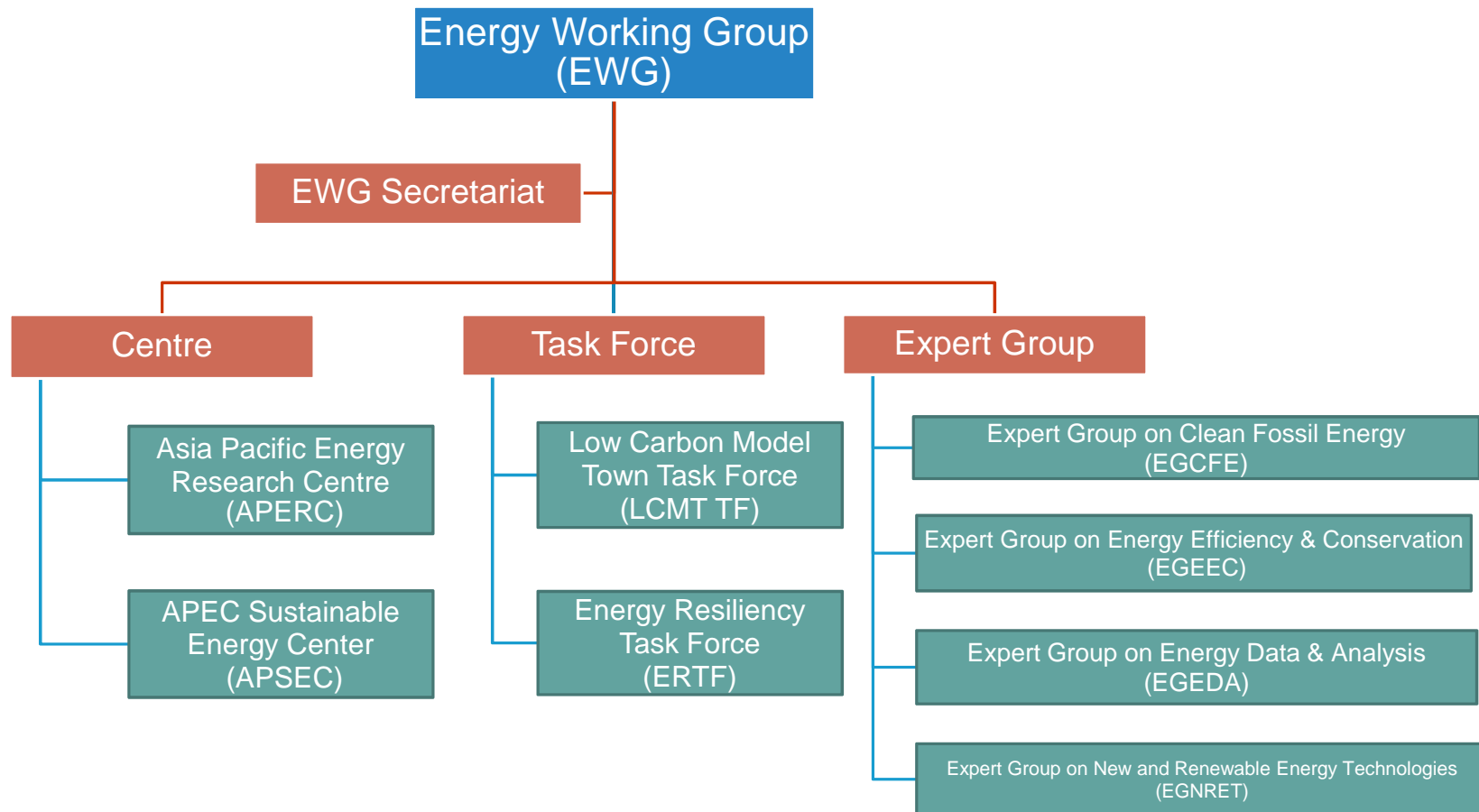
EWG has just renewed its Strategic Plan for 2019~2023, approved by SOM1 of 2019.

- **Strengthen Energy Security**
- **Advance Clean Energy**
- **Promote Energy Efficiency and Low-carbon Communities**
- **Enhance Energy Resiliency and Energy Access**
- **Facilitate Energy Trade and Investment**

Energy Security Initiative of 2002 is the principal mechanism by which the EWG addresses short-term measures and long-term policy response to achieve the objectives.

# Organizational Structure

**EWG family = All APEC 21 members + 2 task forces + 2 research centres + 4 expert groups**



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# **EWG's Areas of Work**

- Traditional energy
- Sustainable Energy
- Energy Resiliency
- Integrated Low Carbon Development
- Gender Issue**

# Gender Issue

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## Gender related projects/activities under EWG

- Empowering Women as Managers of the Renewable Energy Sector
- Action Strategies Toolkit: Increasing Participation of Women in Non-Traditional Sectors
- Enhancing Women's Empowerment in Energy Field: Mapping Energy Policies with Gender Perspective
- APEC Energy Smart Communities Initiative Knowledge Sharing Platform
- Energy Access Paper

# Empowering Women as Managers of the Renewable Energy Sector (1/2)

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- ◆ Proposing Economy: [USA](#)
- ◆ Forum: [PPWE](#) in collaboration with [EWG](#)
- ◆ Objective:
  - ✓ Increasing their knowledge of renewable energy technologies, markets and policy;
  - ✓ Enabling them to develop sound, comprehensive and convincing business plans; and
  - ✓ Facilitating professional exchanges and peer-to-peer mentoring.
- ◆ Training Programme: 1 May - 30 November 2018
- ◆ Components:
  - 1) Participant selection
  - 2) Online Training
  - 3) Business plan development
  - 4) In-person training
  - 5) An alumni network

# Empowering Women as Managers of the Renewable Energy Sector (2/2)

- ◆ Applicants: 82 women from 14 of the 21 APEC economies and other non-APEC economies applied to this programme
- ◆ Participants: 50 women from Canada, Chile, China, Indonesia, Korea, Mexico, Peru, Thailand, Philippines, USA and Viet Nam.
- ◆ Recommendations for replicating and extending the scope of this initiative:
  - 1) Further increasing the gender curriculum
  - 2) Restructuring the face-to-face training
  - 3) Monitoring progress and further strengthening mentoring skills
  - 4) Increasing the training period



# Action Strategies Toolkit: Increasing Participation of Women in Non-Traditional Sectors

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- ◆ Proposing Economy: [Chile](#)
- ◆ Forum: [PPWE](#), co-endorsed by [TPTWG](#) and [EWG](#)
- ◆ Non-Traditional Sectors:

This toolkit focuses particularly in the mining, transportation, and energy sectors.

- ◆ Objective:

The Toolkit is designed to assist economies in the development and implementation of **effective gender diversity strategies**, with the purpose of **attracting, retaining and promoting talented women** in traditionally male-dominated sectors of the economy.



# Action Strategies Toolkit: Increasing Participation of Women in Non-Traditional Sectors

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Recommendations and best practices in different phases:

## Attraction

- Challenging gender stereotypes
- Implementing gender-sensitive processes and instruments to actively attract women to work in these industries
- Collaborating with key stakeholders

## Retention

- Promoting an inclusive work culture.
- Promoting balance between work and personal life
- Facilitating flexible working conditions

## Development

- Promoting networking instances
- Training for leadership
- From Mentorship to sponsorship: ascendant commitments

# Enhancing Women's Empowerment in Energy Field: Mapping Energy Policies with Gender Perspective

- ◆ Proposing Economy: Chinese Taipei
- ◆ Forum: EWG
- ◆ Project Workshop: The Path to Inclusive Energy Transition in the APEC Region: how to enhance women's empowerment in energy field
- ◆ Time: 5-6 August 2019
- ◆ Agenda: International Initiative and Research on Energy and Gender; Gender and Energy Governance; Gender and Energy Efficiency; Gender and Renewable Energy
- ◆ Invited speakers: Experts from 10 APEC member economies (Canada, Chile, Hong Kong China, Japan, Korea, The Philippines, Chinese Taipei, Thailand, The US, Viet Nam) and from international organizations (WiRE, ENERGIA, GWNET)



# Global Trend of Women's Empowerment in Energy Field



- ◆ Women worldwide make up approximately **20-25%** of the workforce in the **overall energy industry**, with less than 6% in technical positions and below 1% in top management positions.



- ◆ Globally, women hold 32% of jobs in renewables compared to 22% in oil and gas industry\*.



- ◆ About **66%** of women believe they **face barriers** to join the renewables industry\*, such as cultural and social norms (72%), lack of gender-sensitive policies (49%) and training opportunities (41%), inequity in ownership of assets (41%), lack of mentorship opportunities (37%), and lack of skills (34%).



- ◆ Universal energy goals are unlikely to be met unless energy policies account for women's specific energy needs.

\*International Renewable Energy Agency (IRENA), 2019

# Key takeaways



Energy issues are NOT gender-neutral !!

- ◆ Gender disparities in the energy sector are commonly shared across the APEC region, whilst the ongoing regional energy transition offers new opportunities and potential to engage women in it.
- ◆ As energy poverty, energy access and gender equality are inextricably linked, addressing them together could achieve multiple gains in social and economic development.



Source: ENERGIA  
International Network on  
Gender & Sustainable Energy

# Policy recommendations(1/3)

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## 1. Apply a gender approach in energy policies and programs

(1) The **collection and analysis of quantitative and qualitative data at the nexus of gender and energy** are essential to identify the gaps and barriers of women's participation in the energy field.

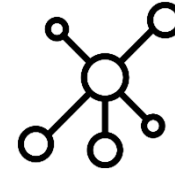
(2) The design, implementation, monitoring & evaluation of energy policies and programs are encouraged to **address gender differentiation and gendered patterns** for greater effectiveness and efficiency.



# Policy recommendations(2/3)

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## 2. Strengthen capacity building



- (1) **Sustained engagement of stakeholders** is necessary to develop and implement gender-sensitive energy policies.
- (2) **Tailored financing programs, training and mentoring, and network building** are needed to support the involvement of women as leaders, entrepreneurs, employers and consumers in energy-system value chains, in both the access and modern energy contexts.
- (3) Encouraging the adoption of Renewable Energy and Energy Efficiency in the APEC market and **with stronger support in promoting women participation in being trained to provide such services** are important.

# Policy recommendations(3/3)

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## 3. Promote multilateral cooperation

(1) Under the framework of APEC, it is encouraged to **pursue cross fora cooperation** with relevant international organizations to enhance synergy on gender mainstreaming in the energy sector among all policy bodies of APEC.



(2) Under the framework of EWG, it is encouraged to **facilitate the rollout of gender-aware energy projects** within the technical areas of its task forces/expert groups, and to accelerate the knowledge sharing of best practices.





*The participants of the Workshop have started to disseminate the experience and knowledge derived from the Workshop through their own channels!*

[www.ewg.apec.org](http://www.ewg.apec.org)

### 14 Aug Takeaways from Presenting at APEC in Taiwan

Posted at 14:12h in Powering Tomorrow by Alex Hosselet 0 Comments 0 Likes

Electricity Human Resources Canada's Merertu Mogga Frissa (Program Manager of Diversity & Inclusion) and Alex Hosselet (Manager of Marketing and Communications) were recently invited to present and panel by the Asia-Pacific Economic Cooperation (APEC) Energy Working Group (EWG) at their workshop: *Enhancing Women's Empowerment in Energy Field: Mapping Energy Policies with Gender Perspective*. The workshop was organized by Bureau of Energy, Ministry of Economic Affairs, Chinese Taipei with a goal to promote dialogue and communication between experts from energy and gender sectors of member economies. The workshop was hosted in Chinese Taipei (Taiwan) from August 5 to 6 and was attended by approximately 100 delegates from APEC member economies. Merertu provided an overview of the Leadership Accord on Gender Diversity as a tool to promoting women working in the clean energy sector. She also participated as a panelist and moderated a panel discussion on *Gender and Renewable Energy*. Alex presented *Renewable Energy as a Model for Integrating Women into the Workforce* (with a heavy focus on how the renewables are marketed) and panelled on the *Gender and Renewable Energy* block.

This is a conversation between Merertu and Alex about the experience and what they learned from it.

**Alex:** So now that we're back and recovering from the 12-hour time difference, what were your biggest takeaways from presenting and panelling in Taiwan?

**Merertu:** This workshop was a clear indicator that "one size doesn't fit all". The presenters were very diverse—people from all sorts of experiences and countries in one spot. There were economists, educators, policy analysts, entrepreneurs, government representatives; all different perspectives, working in different geographies, environments and economies with unique challenges and potential areas that can be improved and refined through the application of energy policies with a gender perspective.

**Alex:** My lasting impression is how some of our challenges span across borders (like energy transition, more female diversity and inclusion), whereas others were very distinct (like Canada's geographic challenges and each country's resource landscape). In some ways, we were tackling the exact same issues (especially around gender diversity), but in other ways, the logistical and environmental challenges of each country were totally unique.

**Merertu:** The way I see our experiences, one country can't directly compare to another: we have different resources, and in terms of gender diversity, different levels of achievement that cannot be measured against another country. We can't say that Canada is clearly better. Each country is different, and while we could be heading in the same direction to ensure women's participation in the energy sector, our paths are different.

**Alex:** It was really encouraging to see so many experts step up to enthusiastically talk about women in energy. It's great that this is an issue taken seriously by all the participating economies. I think we have a lot we can learn and model from each other. I was so proud when you were talking

# APEC Energy Smart Communities Initiative Knowledge Sharing Platform


- ◆ Proposing Economy: **Chinese Taipei and the U.S.**
- ◆ The ESCI-KSP was **launched since March 2012** under the ESCI launched in 2010 jointly by the United States and Japan within the APEC.
- ◆ Tool for **collecting and sharing best practices** for creating energy smart communities.
- ◆ It has collected **over 600 cases** from 21 APEC economies, including cases of **women empowering**.



1.2 Energy Efficiency Training Resources

Leadership Accord on Gender Diversity in the Energy Sector

Canada




The Leadership Accord on Gender Diversity is a public commitment by employers, educators, unions and governments to promote gender diversity within their organizations. Developed and launched by Electricity Human Resources Canada in 2017, the Accord proposes united action by employers, educators, unions and governments to:

Managing Organization:  
Electricity Human Resources Canada

How is the material administered:  
Self-Guided

GENDER TOOLKIT for the Energy Sector

Philippines



The DOE Gender Toolkit primarily aims to provide DOE, its bureaus, attached agencies, and offices with guides and reference materials on how to make their operations and programs more aware of, and responsive to, the gender concerns of their internal and external clients.


The toolkit consists of four parts. The first presents the gender and development (GAD) strategic framework for DOE, which affirms the Department's role in recognizing

Women in Energy Expert Platform

GWNET's Women in Energy Expert Platform connects and empowers women energy in developing, emerging and industrialised countries with the aim to networking opportunities and professional connections between women.

The platform which has over 1000 members from 90+ countries demonstrates skills of women already active in the sector, refuting the claim that there are energy.

Women working in sustainable energy are encouraged to explore the new profile so that they can begin engaging with other professionals:  
<https://www.globalwomenet.org/members/become-a-member/>



# Energy Access Paper

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- ◆ Proposing Economy: [China](#)
- ◆ Endorsed at the 59th EWG meeting.
- ◆ Objective: [Achieve resilient, reliable and affordable energy access for the sustainable economic development and energy security within APEC region.](#)

## Background

*“Issues related to energy shortage, such as poverty, employment, public health, social equity, **gender equality**, **women empowerment** and the environment, hold back economic and social progress in some economies and regions.”*

## Policy Research

*“Increase focus on the role of energy access in promoting **gender equality**, poverty eradication and emissions reduction.”*

*Thank You  
For Your Attention*

