




The 1st Regional Conference - Women in Power Sector Professional Network in South Asia
(WePOWER)

SESSION 7
LATEST RESEARCH IN GENDER AND ENERGY AND KEY FINDINGS



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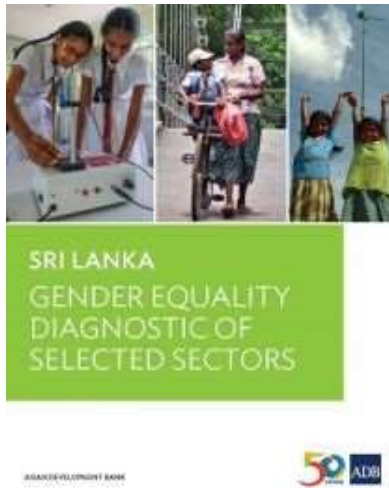
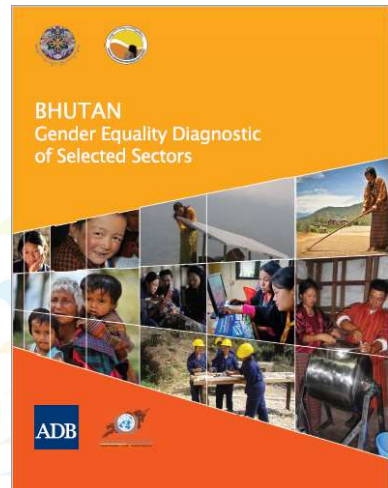
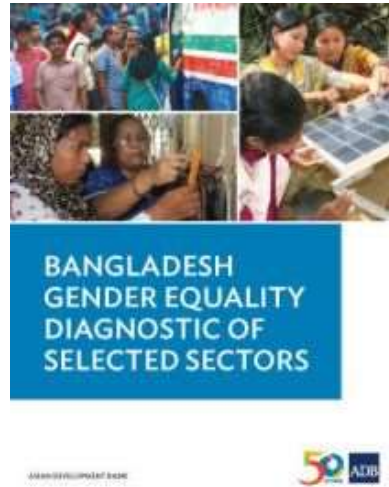
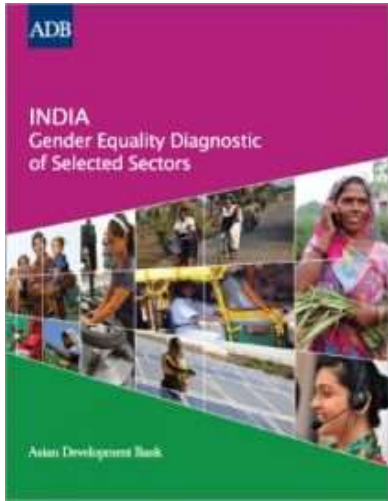
RESEARCH ON GENDER AND ENERGY: ADB APPROACH (South Asia)

1. **Advocating for gender and energy** [ADB Gender Equality Diagnostics of selected sectors include energy (secondary information and data) + G&E Toolkit and Tip-sheet  operations: **energy-based livelihoods**]
2. **Introducing evidence-based approaches to gender and energy** [ collection of primary information and data] Impact Evaluation/Assessment on ADB-financed energy projects [e.g. IND: Enhancing energy-based livelihoods for women's micro-entrepreneurs]
3. **Engaging in energy sector policy dialogue** [ tariff appraisal + **last mile connection & in-house wiring**] **energy systems** [**integrated community-based energy systems**]
4. **Developing Capacity and Awareness** of ADB staff and power/sector utilities and corporations

KPs (research) and events are driven by the lending portfolio & pipeline

A. ADVOCATING FOR GENDER AND ENERGY





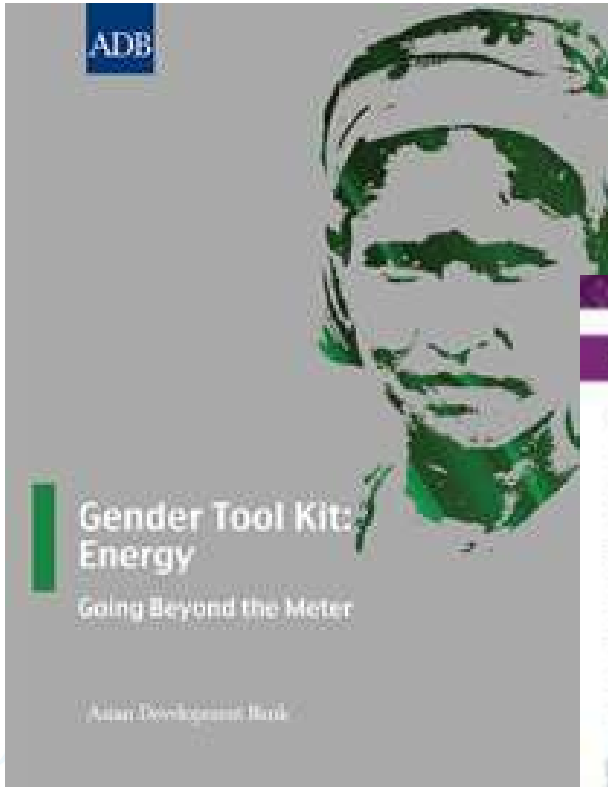
Gender Equality Diagnostics of Selected Sectors (incl. energy), based on **secondary data** (endorsed by SARD DMCs)



GENDER EQUALITY AND SOCIAL INCLUSION ASSESSMENT OF THE ENERGY SECTOR

ENHANCING SOCIAL SUSTAINABILITY
OF ENERGY DEVELOPMENT IN NEPAL

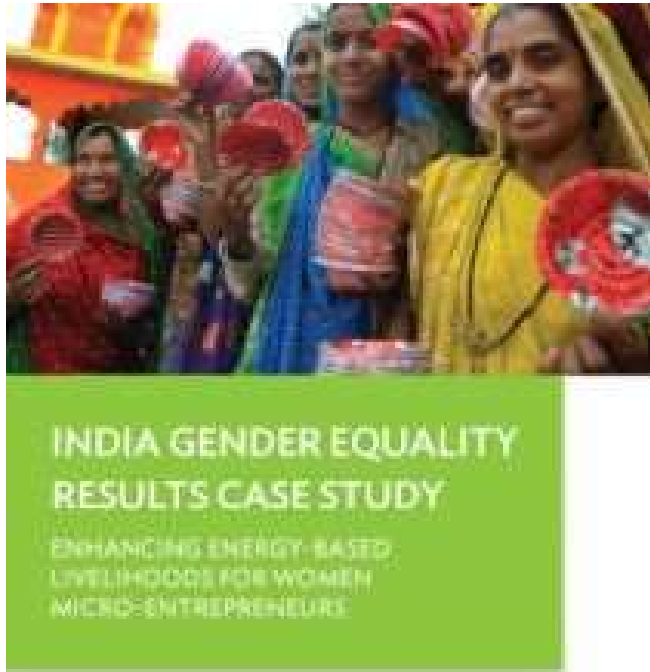
- Gender Equality + Social Inclusion (GESI) Diagnostics [▶ in-depth energy sector assessment, focus on large infrastructure]
- Analysis of GESI-related policy, legal/regulatory frameworks; GESI features of energy programs and projects (**primary data**)



Tool Kit and Tip Sheet for project-specific assessment: need to identify entry points in *subsectors* (Tool Kit, 2012), present evidence-based results and good practices (Tip Sheet, 2018)

B. SUPPORTING EVIDENCE-BASED ADVOCACY



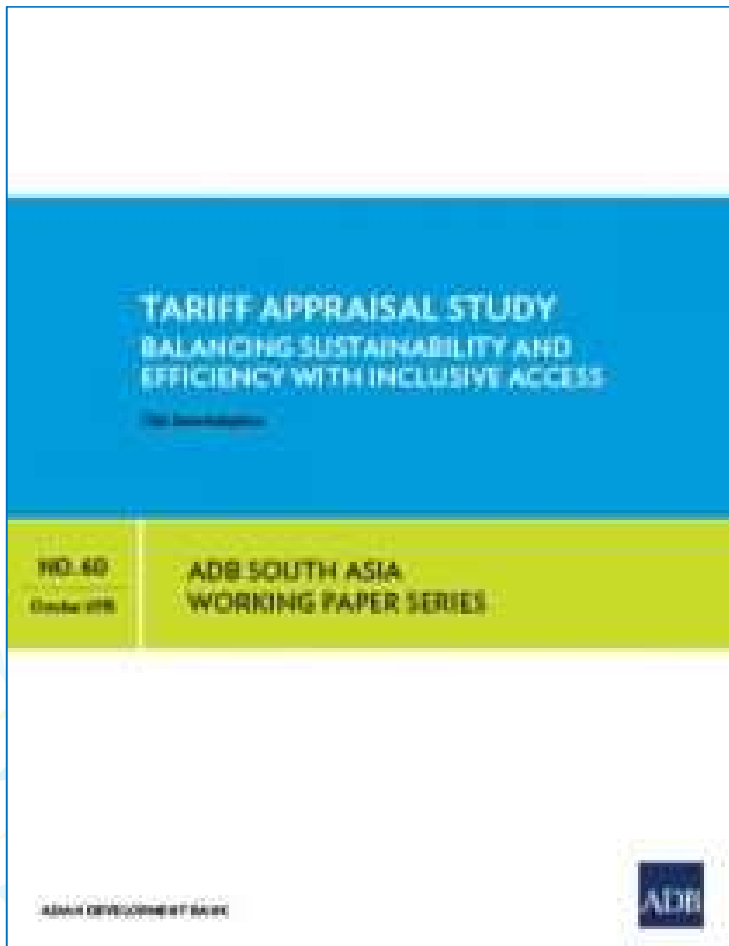


This Impact Evaluation/Assessment (2018), with *Economics Research Department* marks the passage from advocacy to evidence-based KPs to more incisively inform policy dialogue & project/program design

C. DEEPENING THE ENGAGEMENT: POLICY AND ENERGY SYSTEMS

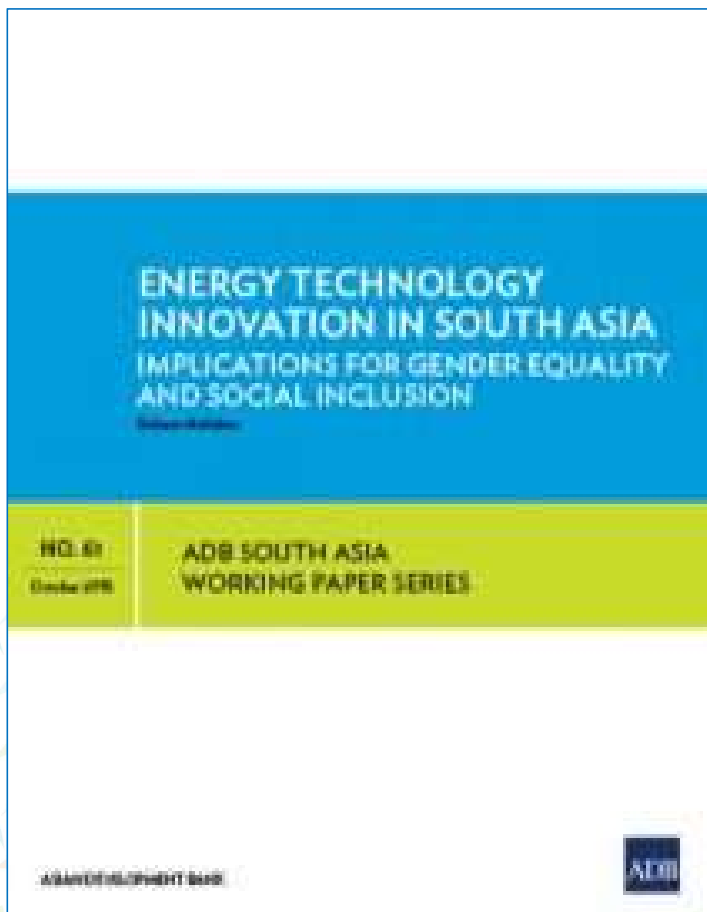


C. DEEPENING THE ENGAGEMENT: POLICY



- How electricity utilities can support inclusive economic growth while remaining financially viable.
- Information on lifeline tariffs & initiatives and practices to target lower-income HHs and FHHs.
- Recommendations on how to appropriately use special tariffs and subsidies to target poor and disadvantaged.
- Need for connection subsidies (in-house wiring) as much as consumption subsidies, with connection and wiring to be included as standard costs in distribution network expansion investments.

% DEEPENING THE ENGAGEMENT: ENERGY SYSTEMS

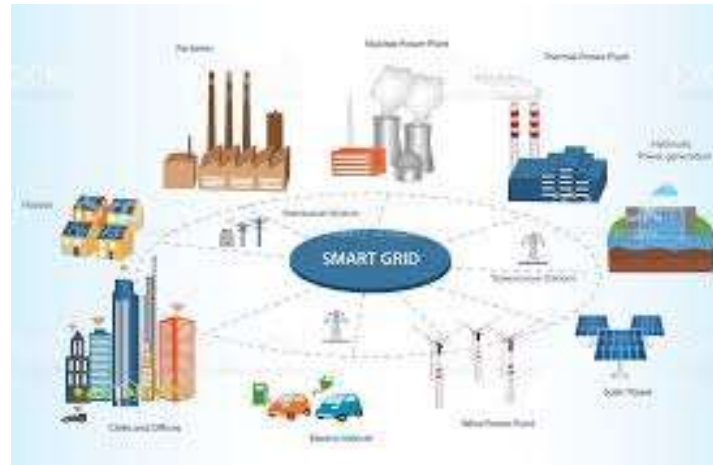


- How technology and its social/gender context mutually shape each other or how energy systems and services can improve women's economic empowerment and save women's time spent on domestic chores
- Energy technology audits of selected DMCs (BAN; NEP and SRI) identified opportunities for leapfrogging to more socially inclusive energy pathways.
- Emphasis on *gender-mainstreamed, decentralized community-based (smart) energy systems* (▶) women as **prosumers**)

Ongoing research –with University of Melbourne - School of Engineering on: **Community Energy Systems and Clean Energy Resilience in Bangladesh** (▶) *pilot*

C. DEEPENING THE ENGAGEMENT: ENERGY SYSTEMS

Last mile connection
& in-house wiring



Smart grids & decentralized
systems



Electricity

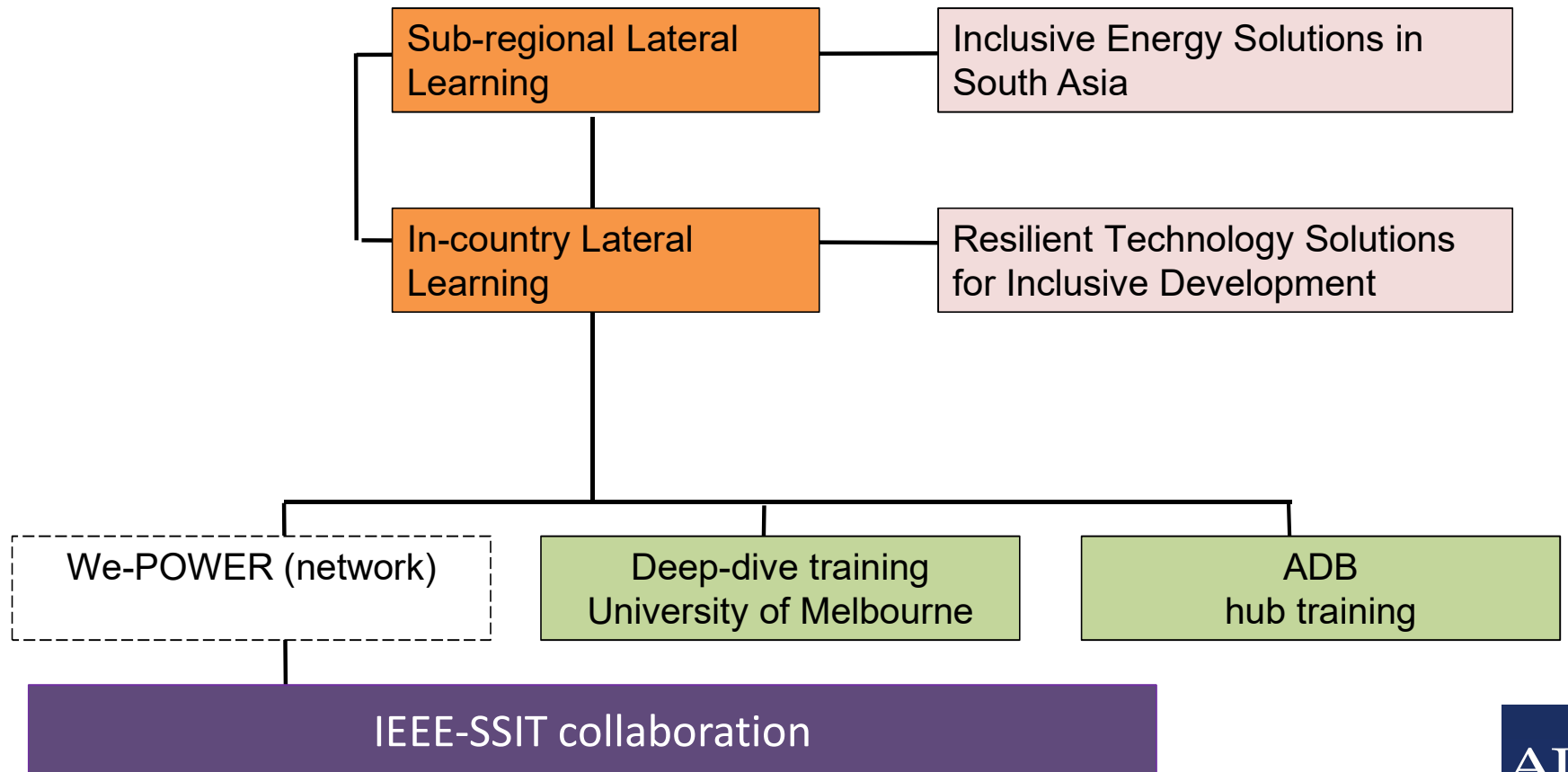
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Energy-based
livelihoods

Smart grids bring in a new paradigm of active distribution that can change the role of the **consumer**, **communities** and **society** transforming “passive” users into “active” players – both as producers and consumers (► prosumers)

D. DEVELOPING CAPACITY AND AWARENESS







Going Beyond the Meter: INCLUSIVE ENERGY SOLUTIONS IN SOUTH ASIA



SPEAKER | PANELIST | MODERATOR



M. Teresa Kho
Country Director
India Resident Mission
ADB

M. Teresa Kho is currently the ADB country director in India responsible for country programming, as well as portfolio and knowledge management. From 2012 to 2013, she was ADB Country Director in Bangladesh. Earlier in her career at ADB, she worked in various departments including the Private Sector Department and served as Director of South Asia Urban Development and Water Division and Director of the Office of Financing Operations. Prior to ADB, Kho spent 12 years in the U.S. private sector, performing finance, treasury, and audit functions for Fortune 500 companies (i.e. General Electric Company; Raychem Corporation; and Sun Microsystems). Kho holds an MBA from Stanford University, and a BA in Economics from the University of Notre Dame, U.S.A.



Greg Adamson
President
IEEE, Society on Social
Implications of Technology
Australia

Greg Adamson is the president of the Society on Social Implications of Technology (SSIT) within the 400,000-member Institute of Electrical & Electronics Engineers (IEEE). SSIT focuses on humanitarian technology, ethics and sustainability with outreach to nontechnical communities. He is a Principal Fellow at the University of Melbourne Electrical and Electronic Engineering and works as a risk manager in the financial services industry. His keynote at the 2015 World Engineering Conference addressed the future of work, autonomous warfare and the mechanisation of humans as key ethical challenges for technologists. He is also engaged in the inclusion of ethics in design of autonomous systems.



Selima Ahmad
President
Bangladesh Women Chamber of
Commerce and Industry (BWCCI)
Bangladesh

Selima Ahmad, founder of BWCCI and Vice Chairperson of Nicol-Niley Group, has been working for private sector development for 28 years focusing on developing women's entrepreneurial talents and organizing financial and marketing resources to enable the growth of successful women-owned businesses in Bangladesh. Her advocacy for women's access to credit led to collateral-free loans at low interest by central bank and created a budget allocation of US\$ 12.88 million. She is a board member of the SME Foundation. She has been nationally, regionally, and globally recognized through many distinguished awards. Ahmad has a master's degree in business management from Dhaka University and is a fellow of Stanford University, USA. She is a faculty of a renowned private university and teaches Entrepreneurship.

Going Beyond the Meter:
Inclusive Energy Solutions in South Asia



MELBOURNE SCHOOL OF ENGINEERING

The University of Melbourne is an internationally renowned institution with a reputation for standards of excellence with world rankings consistently placing it as Australia's leading comprehensive research-intensive university, and one of the world's top 50. The Melbourne School of Engineering (MSE) provides world class education and an environment of cross-disciplinary research excellence.

Since 2011 MSE has undertaken PhD and post-doctoral research on energy technologies and systems and their social implications, with a focus on gender equity and women's empowerment. The University is currently partnering with ADB on a research study on 'gender friendly' energy technologies.

As an institution, the University is committed to gender mainstreaming within the institution and has a staff and students equity and diversity framework. The University aspires to attain the highest staff satisfaction rating in relation to equity and diversity amongst all the major universities in Australia and a gender, age and cultural balance in its workforce approaching that of the best international universities in the world. A strategy and action plan for gender mainstreaming for the MSE is being prepared.

A. Cross-Disciplinary Centers of Excellence

Several cross-disciplinary centres of excellence are also linked to the MSE. These include the Melbourne Energy Institute, the Asia Institute, the Australia India Institute and the Melbourne Sustainable Society Institute. These institutes are structured vehicles to enable and foster cross-disciplinary research programs.



United Nations Entity for Gender Equality
and the Empowerment of Women

Women's Office based in New Delhi covers four countries: Bhutan, India, the Maldives, and Sri Lanka. In these countries, we strengthen women's rights by working with governments, local authorities and civil society. With all of them, UN Women helps to create national strategies to achieve gender equality in line with national and international priorities.

UN Women stands behind women's equal participation in all aspects of life, focusing on priority areas:

- Ending violence against women
- Promoting Leadership and Participation
- Ensuring Economic Planning and Budgeting
- Ensuring Economic Empowerment

UN Women builds on a strong foundation, working closely with the government of India and civil society to set national standards for achieving gender equality. In Bhutan, the Maldives, and Sri Lanka, UN Women works through the United Nations to ensure that women become equal partners in development.

UN Women's Office for India, Bhutan, Maldives and Sri Lanka: <http://asiapacific.unwomen.org/en/india>

Sub-regional Conference: Going Beyond the Meter: Inclusive Energy Solutions in South Asia



Home > News and Events > Calendar of Events >

Deep-Dive Lateral Learning Program on Inclusive Energy Solutions

Event Contact

Tornieri, Francesco

Principal Social Development Specialist (Gender and Development)



Event | 29 August - 2 September 2016

Melbourne Business School, The University of Melbourne



2017 program

Second lateral learning program on smart grid technologies and
implications for inclusive development





Workshop on Smart Grid Technologies and Implications for
Inclusive Development in Sri Lanka

3-4 April 2018 • Galle, Sri Lanka

