

Gender Actions Across the Energy Sector – Highlights from the World Bank Group |

Implementing Approaches and Building Evidence

World Bank Group- SEOG/SE4ALL Side Event 11 February 2016



Photo Credit: Inka Schomer WBG

Strategic Context |

Gender Equality is Smart Economics and leads to improved development outcomes

Sustainable Development Goal 5

- Pledges to end all forms of violence against women and girls, eliminate all harmful practices, recognize the value of unpaid work and enhance enabling technology for women's empowerment, among other dimensions of gender equality.

World Bank Group Renewed Gender Strategy – January 2016

- *Key Issues:* Improving Endowments; Removing Constraints for More and Better Jobs; Removing Barriers to Women's Ownership and Control of Assets; Enhancing Women's Voice and Agency and Engaging Men and Boys
- *Key Actions:* Deepening the Country-Driven Approach; Developing a Better Understanding of What Works; Making Good Practice the Default; Establishing a Strategic Approach to Mainstreaming that Helps to Achieve Results on the Ground; Leveraging Partnerships for Effective Outcomes

ESMAP-SE4All Knowledge Hub

- ESMAP scaled up its support for the SE4All initiative through technical assistance program as well as by hosting the SE4All Knowledge Hub
- SE4ALL Global Tracking Framework – input on Gender and Energy Indicators with UN Women and ENERGIA



Photo Credit: Daniella Van Leggelo –Padilla WBG



Africa Renewable Energy Access Program (AFREA)

What has been accomplished so far?

Highlights of ESMAP and WBG Support on Gender and Energy

- **Knowledge, Research and Training**

GUIDANCE | Briefing Note and Online Resources on *Integrating Gender to Energy Operations*; Online Library of Gender and Energy research

REPORTS | Deep dive assessment on *Gender and Electricity Infrastructure* ongoing with future research on Clean Energy

DATA | SE4ALL Global Tracking Framework – input on Gender and Energy Indicators with UN Women and ENERGIA

TRAINING | Gender and Energy Online and Face-to-Face training modules

NETWORK | Online Gender and Energy Community of Practice

- **Country and Project Level**

AFR | Pilot approaches on gender integration into 10+ energy access projects

EAP | East Asia & Pacific Gender and Energy Program (4 countries)

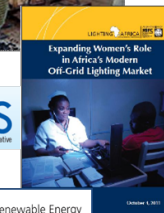
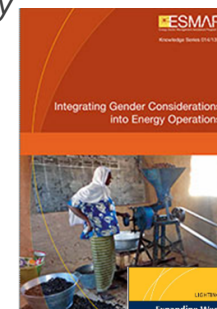
LAC | Central America Cookstoves Program; Bolivia – Rural Electrification Program

ECA | Report focused on Gender and Energy Subsidies

MNA | Egypt – Social Accountability Project and Natural Gas Project

SAR | Gender assessments in energy projects – India, Nepal and Pakistan

ESMAP | Screening Annual Block Grants and ESMAP-owned work (SEAR, MTF, Clean Cooking)



Visit www.ESMAP.org to find these resources and more!



Africa Renewable Energy Access Program (AFREA)

Africa Renewable Energy Access (AFREA) Gender and Energy Program

- **Operational Pilots - Africa Renewable Energy Access (AFREA)**

- AFREA – Gender and Energy Program - 1.5 million USD Bank Executed TA
- Country Pilots – Senegal, Mali, Benin, Kenya, Tanzania, Zambia, Tanzania, Liberia, Niger, Comoros, Cameroon and Uganda
- Integration into ongoing initiatives – Africa Clean Cooking Energy Solutions Program (ACCES); Lighting Africa; Africa Electrification Initiative
- **Results: Senegal's** gender impact assessment conducted on PROGEDE I contributed to PDO and design of PROGEDE II; **Mali's** gender activities in HEURA integrated into SREP program/projects; **Liberia and Tanzania** SREP Investment Plans integrate gender; Benin's National Energy Policy being gender sensitized; **Zambia's** GPOBA activity on subsidized connections includes direct outreach to women.

- **Knowledge, Research and Training**

- Briefing Note and Online Resources developed to support clients and operational teams
- Case Studies, Country level workshops, knowledge events and in-country clinics
- Senegal Video: Energy to Change Women's Lives in Africa
http://www.youtube.com/watch?v=f_On6SaFbY&feature=youtu.be
- Tanzania Video: Women, Biomass and Renewable Energy
<https://www.youtube.com/watch?v=DIdnOkyDgOA>



Photo Credit: Inka Schomer WBG

Energy Access

Tanzania-Rural Electrification Expansion Project

- Recognizing the inherent gender-based differences in impact and opportunities associated with the provision of energy services, REA has developed a systematic gender mainstreaming program .
- Initial analysis revealed significant discrepancy between connection rates of male-headed and female-headed households in urban context. Provided baseline for assessment of ways to mitigate similar discrepancies from arising in on-grid sites for rural electrification.
- Entry points being identified includes the development of a needs-based allocation methodology for on-grid connection process to take into consideration gender dynamics.

Senegal-Second Sustainable and Participatory Energy Management Project

- PROGEDE focuses on increasing female participation in decision-making and ensuring that women benefited equitably from income-generating activities.
- Charcoal production, a predominantly male activity, is being reformed in Senegal to reduce the negative impacts on the environment and include women on all levels of the value chain.
- Reforms have led to over 1018 women becoming charcoal producers. Considerable focus on training women – both in technical capacity of charcoal production and commercial gardening, and in leadership capacity.
- Involving women in the decision-making process is transforming charcoal production into a sustainable activity and contributing to restoring precious forest resources.

Examples of Other County Level Engagements

Strengthening Pilots and Deepening our Efforts

Benin-Increased Access to Modern Energy

- Assessed gender dimensions in two energy access projects through surveys and sensitization for villages and project implementing agencies.
- Led to number of women in income-generating activities to go from 14 (11.6%) to 105 (37.5%). Best practice approaches under PROGEDE being integrated in forest management plans for 300,000 ha.

Mali-Rural Electrification Hybrid System Project

- Field level/institutional gender assessment lead to a gender action plan and establishment of gender desk; Fostering female entrepreneurship through multifunctional platform in AMADER/WB operations.

New Engagement

Union of Comoros - Electricity Sector Recovery Project

- Differences among female and male population with regard to electricity theft and bill payment.
- Supporting the utility, MA-MWE, and a local communication agency in the design and development awareness raising and information campaign to increase bill collection and address electricity theft.
- In electricity campaign roll-out women groups will be trained to sensitized local population on the benefits of having reliable and safe energy. Additionally, women to act as positive role model with regard to transparency and accountability for bill collection and electricity theft.

Liberia-Renewable Energy Access Project

- Investing how to scale women's productive uses of energy in off-grid rural energy with RREA (mini-grids); Lighting Liberia Program-Gender informed market assessments and consumer survey launched.

Electricity Infrastructure

ESMAP Forthcoming
Report on Gender and
Electricity Infrastructure

- **Report Forthcoming** looking at the gender specific land and impacts of generation, transmission & distribution projects
- **Methodology** is based on desk review (Literature, Projects, Interviews) and qualitative analysis
- **Country Level Analysis**
 - **Senegal** – review of transmission and distribution network extension, densification and rehabilitation works
 - **Morocco** - focus group discussions with stakeholders around the concentrated solar power plant in Ouarzazate.
 - **Nepal** - qualitative analysis of longer-term gender impacts of the Kali Gandaki hydropower site.



Photo credit: Niki Angelou WBG

Electricity Infrastructure

Senegal Highlights

RESEARCH SITES



| Intervention | Site | Project status |
|------------------------------|-----------------------|---|
| Pre-paid and smart meters | Pikine (Cité Comiko) | Installed |
| | Marché HLM | Not yet installed; Communication campaign planned for Jun 2015 |
| Distribution (densification) | Tivaouane Peulh | Not yet started |
| Distribution (extension) | Nganda Koumpentoum | Completed – Apr 2015 |

Electricity Infrastructure

Senegal Highlights: Findings and Suggestions

| | Finding | Suggestion |
|--------------------|---|---|
| T&D network | Population not always informed about the project and safety regulations | Improve communication means |
| | Women rarely involved in decision making | Include women in committees |
| | No positions are open to women | Incentivize women hiring in targeted position |
| | High women illiteracy | Support women's education leading to skilled positions |
| | No locals have been hired | Ensure transparent, gender equal recruitment process |
| Pre-paid meters | Pre-paid meters improve user experience | Expand installation of pre-paid meters to all customers |
| | Reluctance to pre-paid meters due to lack of trust and low awareness | Support timely and gender-targeted information and communication |
| | Poor coverage of selling points for credit | Develop selling alternatives (e.g. payment through mobile phone, scratch cards, etc.) |
| Supply performance | Densification costs left to the municipality | Cover last mile connection costs |
| | Reliability and quality issues | Ensure adequate supply |
| | Deficient street lighting | Include street lighting in project design |
| | Women entrepreneurs require 24/7 supply | Promote gender-targeted productive uses of electricity |
| | Some outages due to poor maintenance | Responsibilize community for network O&M and build capacity |

THANKYOU



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