

ENERGIA

INTERNATIONAL NETWORK ON
GENDER AND SUSTAINABLE ENERGY

Gender and Energy: issues and indicators

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Asia Clean Energy Forum
Manila, 5-8 June 2017

Hosted by:



ENERGIA

International Network on Gender and Sustainable Energy

Contributes to ensuring access to affordable, reliable and sustainable energy for all through:

- **Research for policy and practice**
- **Women's Entrepreneurship Development**
- **Advocacy**
- **Communications and knowledge sharing**
- **Networking**

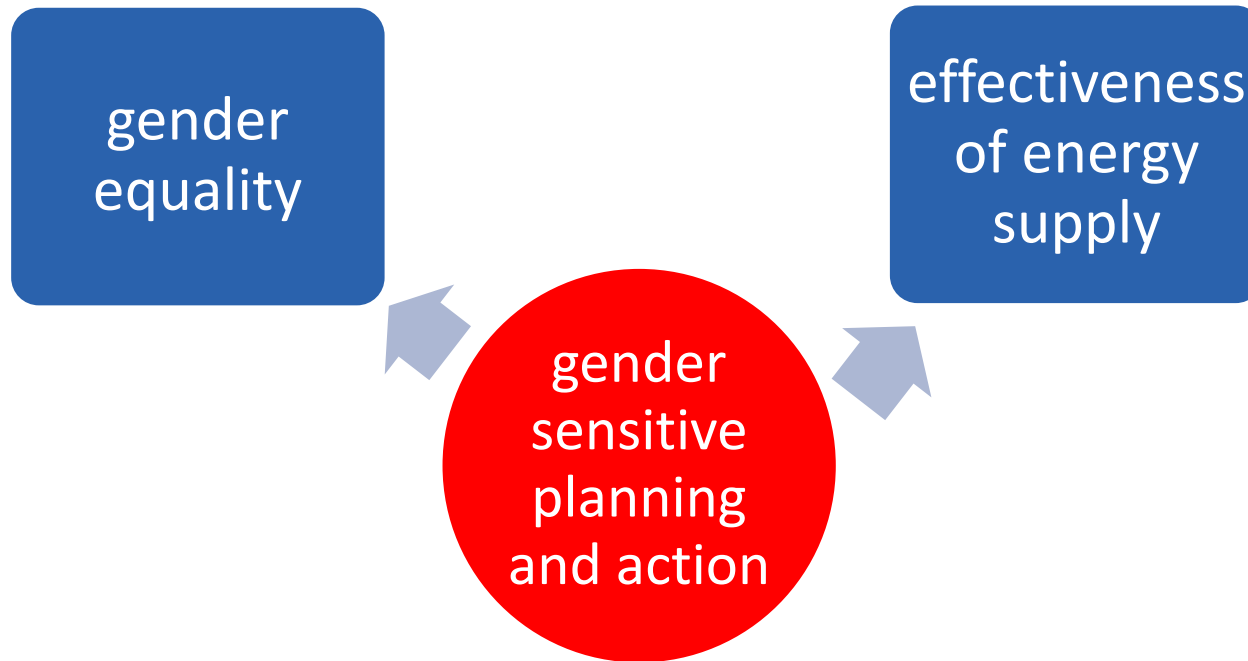


The Gender and Energy Research Programme

- 6 consortia of Universities, research institutes, NGO's.
- 12 countries: India, Nepal, Bangladesh, Myanmar, Indonesia, South Africa, Kenya, Tanzania, Rwanda, Nigeria, Senegal, Ghana.
- Funded by DFID 2014-2019
- **Research on gender and energy for policy and practice**
- indicator development and empirical evidence



Why gender is relevant in energy



Gender: men and women and their roles and responsibilities

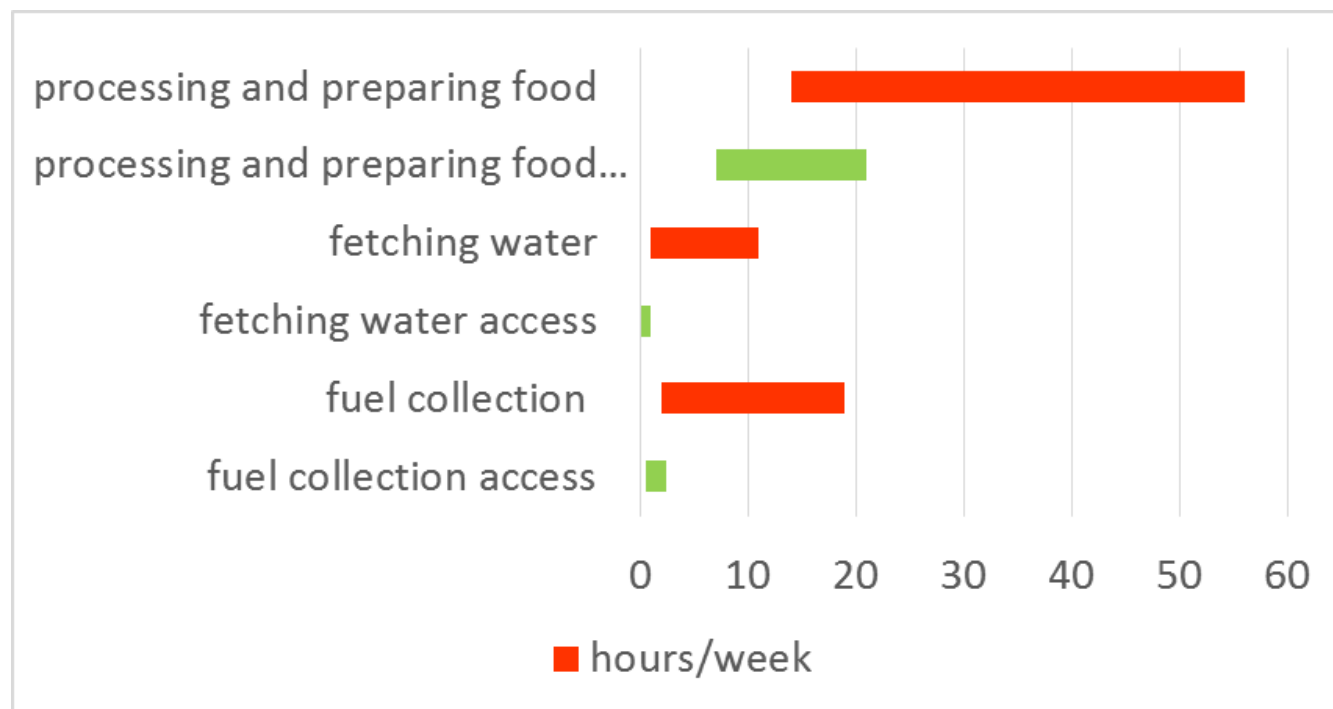
Gender sensitive: gender issues and opportunities



Energy and gender equality: reducing time poverty and drudgery

Gendered
roles and
burdens

Single load
20-25kg



Potential impacts of improved energy access (electricity, cooking, mechanical)

- Wellbeing, time for care, improved equality
- Time for income generation, education



Photo: ENDA ENERGIE

Energy and gender equality: Productive uses of energy

- Gender issues: high representation of women in the informal sector
- Energy stacking, thermal and mechanical energy services

How can energy make a difference?

- Location (household, mobility of enterprise)
- Reliability, time of day (evening)

Context factors

- Regulation

Energy and gender equality-other impacts

Health

- Indoor air pollution- cooking and heating- ambient air pollution
- Violence during collection of wood: Chad: 42% gender based violence during firewood collection in 6 months
- Risk of fire and burns from open fire and kerosene

Communication

- Use of mobile phone for safety, enterprise, money transfer

Mobility

- Public lighting
- Cost and safety of public transport affects women

And many other...

Gender and opportunity in energy supply

- Diversity has positive link to performance and financial value
- Talent pool
- Opportunities to reach customers faster and more sustainably



Evidence: reaching customers

Kenya:

3* more cookstoves sold
by women entrepreneurs
Higher customer satisfaction

Botswana Power Corporation:

reaching female
headed households

WE programme:

reaching the last mile



Indicators to understand gender issues at micro level



Uncovering issues

Who does what? Who owns what?

Who takes decisions about what?

Demands and aspirations

Barriers, negative and positive context factors, risks

Who gains and loses by an intervention?

Indicators: include

sex disaggregation of data

AND

including the issues relevant to gender

male and female headed households

AND

looking **within** households, within communities

Building evidence on gender issues along the energy chain at macro, meso and micro level

Intervention/
policy

- Women in the supply chain, gender sensitivity of approach and policy

Characteristics of
energy supply

- Energy for **priority energy services** for men and women (eg cooking, household water supply)

Use of energy
services

- Access to energy services male/female
- Ownership and use of appliances

Endpoint/ impact

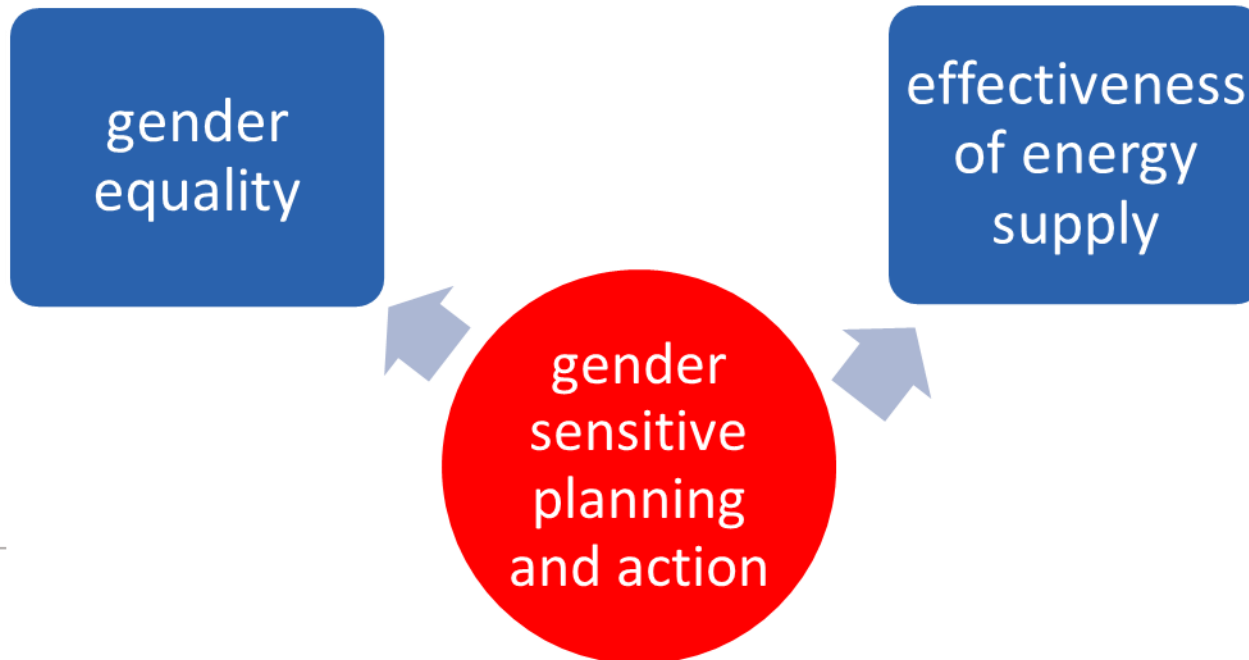
- Outcomes: health, time, education, food security, employment
- Second order outcomes: Agency, empowerment,
- Impact: equality

gender roles, norms and policy environment

Take away message:

By recognizing gender roles and uncovering issues:
capture opportunities to **improve benefits** of energy access and for **energy supply**.

Empirical evidence to indicate priorities and urgency



Thank you

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- <http://www.energia.org/research/>

