

# Gender as a Key Variable in Scaling Up Energy Access: ENERGIA's Approach to Gender Mainstreaming in Energy Sector

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ENERGIA  
International Network on  
Gender and Sustainable Energy



# WOMEN AND ENERGY POVERTY

- ❖ Burdens of unpaid work related to energy scarcity fall more heavily on women.
- ❖ Increased access to energy can benefit women by:
  - increasing productivity and income
  - freeing up the time and labour
  - improving their health & reducing premature death and maternal mortality
  - opening education and employment opportunities



Photo: GRATIS

# Policy Commitments

**Beijing Platform for Action, the Convention on the Elimination of All Forms of Discrimination Against Women, Sustainable Energy for All**

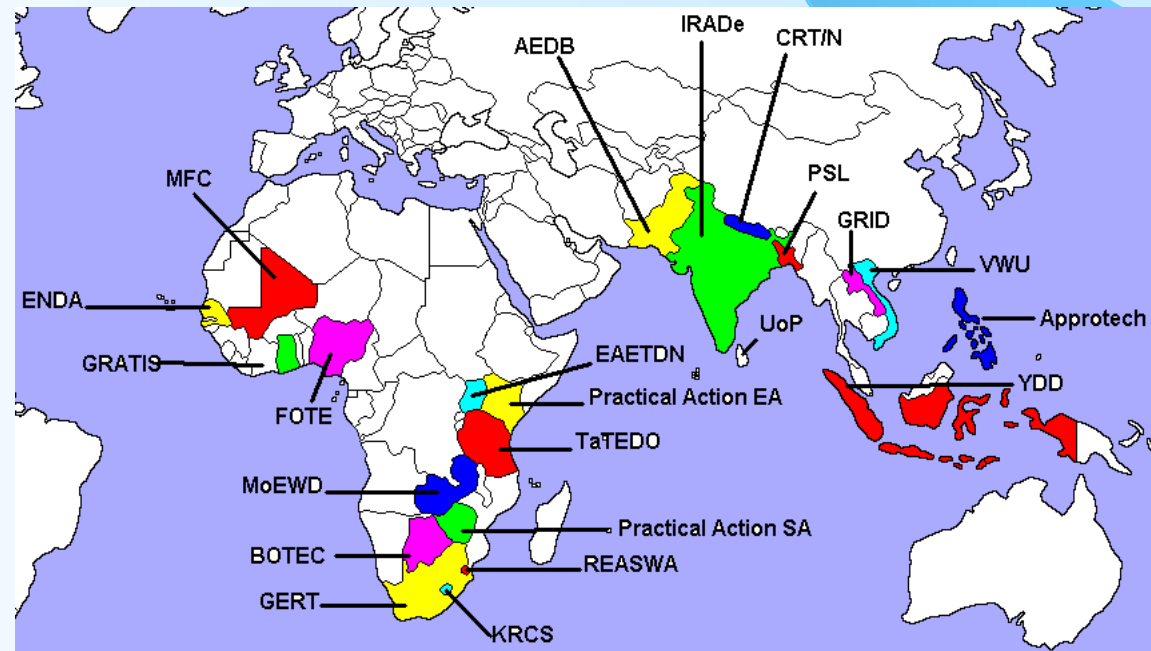
## **PROMOTING GENDER EQUALITY**

**Integrating gender concerns into all aspects of policies, programmes, projects, institutional mechanisms and budgets**

**Using gender-specific action to redress inequalities**

# A perspective on ENERGIA

- ✓ **Mission:** Contribute to gender equality and empowerment of women through a specific focus on energy
- ✓ Set up in 1996 as leading institutional base for mainstreaming gender into the energy sector in developing countries
- ✓ Hosted by ETC Foundation, an NGO in the Netherlands
- ✓ Direct presence in 13 countries in Africa and 9 in Asia through national focal point institutions
- ✓ Reaches out to more than 8000 practitioners in Africa, Asia, Latin America and PICs



## Who we work with

- ❖ National governments & agencies
- ❖ Implementing agencies/ NGOs
- ❖ Electricity utilities
- ❖ Multi- Bilateral programs: ADB, UNDP, ESMAP/ World Bank
- ❖ Donors: DGIS, Sida, EC, NORAD
- ❖ Communities & SMEs through members' activities

# ENERGIA gender mainstreaming strategy

1. Advocacy
2. Capacity building
3. Direct technical support to energy program/policies
4. Knowledge management & research
5. Network building

# Gender Mainstreaming in Projects: Approach

## PREPARE

- Build Management Commitment
  - Support GM team
- Consult with end users/SMEs & partners
  - Assess external environment

## DESIGN

- Decide on gender goal
- Develop Gender Action Plan
- Design monitoring framework (results & targets)
  - Allocate budget for GAP

## IMPLEMENT

- Implement targeted gender activities
- Continuous technical support to project team
- Integrate gender in all project documents & practices

## MONITOR AND REPORT

Undertake gender sensitive monitoring  
Reporting  
Communicating

# ENERGIA-Assisted Projects

Country	Organization	Energy Intervention	Geographical scope
Pakistan	RSPN	Pakistan Domestic Biogas Program	Nationwide
Burkina Faso, Ethiopia, Kenya, Senegal, Tanzania and Uganda	Hivos/SNV/DGIS	Africa Biogas Partnership Programme	Nationwide in 6 countries
Nepal	Government of Nepal/SNV	Biogas Sector Programme	Nationwide
Kenya	SCODE	Improved cook stoves	Rift Valley & Central Provinces





Botswana	Botswana Power Corporation	Rural Electrification (grid and off-grid)	Nationwide
Senegal	PERACOD/ENDA	Rural electrification and domestic energy supply	Kaolack & Casamance
Tanzania	TaTEDO	Multi-functional platforms/Productive Use Containers	Northern region
Nepal	REDP	Community managed micro hydro	All districts
Philippines	SIBAT	Community-based Rural electrification (PV, micro-hydro, wind)	14 projects, community level
Kenya	Kenya Power and Lighting Company	Electricity Utility	Nationwide
Sri Lanka	Practical Action	Liquid biofuels & micro-hydro	Two districts



# GAP of SCODE/HIVOS ICS program in Kenya



NO	STOVE TYPE	RECOMMENDED RETAIL PRICE (Ksh)
Domestic range	MAENDELEO STOVE	300
	MAENDELEO PORTABLE	800
	KUNIMBI	1000
	ROCKET STOVE	2500 <sup>a1</sup>
	KCI NO 10 (SMALL)	350
Institutional range	KCI NO 11 (MEDIUM)	380
	KCI NO 12 (STANDARD)	420
	KCI NO 15	1500
	KCI NO 19	2500
	ROCKET STOVE	5000 <sup>a1</sup>
	INSTITUTIONAL STOVES	From 50,000 and above <sup>a1</sup>
	FIRELESS COOKERS	1300

<sup>a1</sup> Labour cost per pot burner  
<sup>a2</sup> Dependent on the size (litre)

(SUSTAINABLE COMMUNITY DEVELOPMENT SERVICES)



## ENERGY SAVING STOVES

SCODE promotes a wide range of energy efficient wood-fuel stoves. The improved stoves (jikos) are designed to cut on fuel-wood consumption when used properly. The stoves are made from long lasting materials, high quality workmanship, well insulated to minimize heat losses and come with a 6-12 months guarantee. Because of these qualities, there is reduced drudgery that women go through when fetching firewood, women cook more with less fuel-wood, the stoves last longer and reduce fire accidents among men and women in kitchens

For more Information contact  
Sustainable Community Development Services  
8 km from Nakuru town,  
Along Nakuru—Subukia—Nyahururu highway,  
Behind Heshima Centre (400Meters from the highway)  
P.O Box 13177—20100, Nakuru, Kenya  
Phone: 254-020 2052483/ 2383506  
Head Office : 0723767265  
Nakuru office: 0708922016, Nyandarua office: 0708922017  
Laikipia office: 0708922018, Nyeri office: 0708922019  
Email: [scode@scode.co.ke](mailto:scode@scode.co.ke)  
Website: [www.scode.co.ke](http://www.scode.co.ke)



Happy Customers



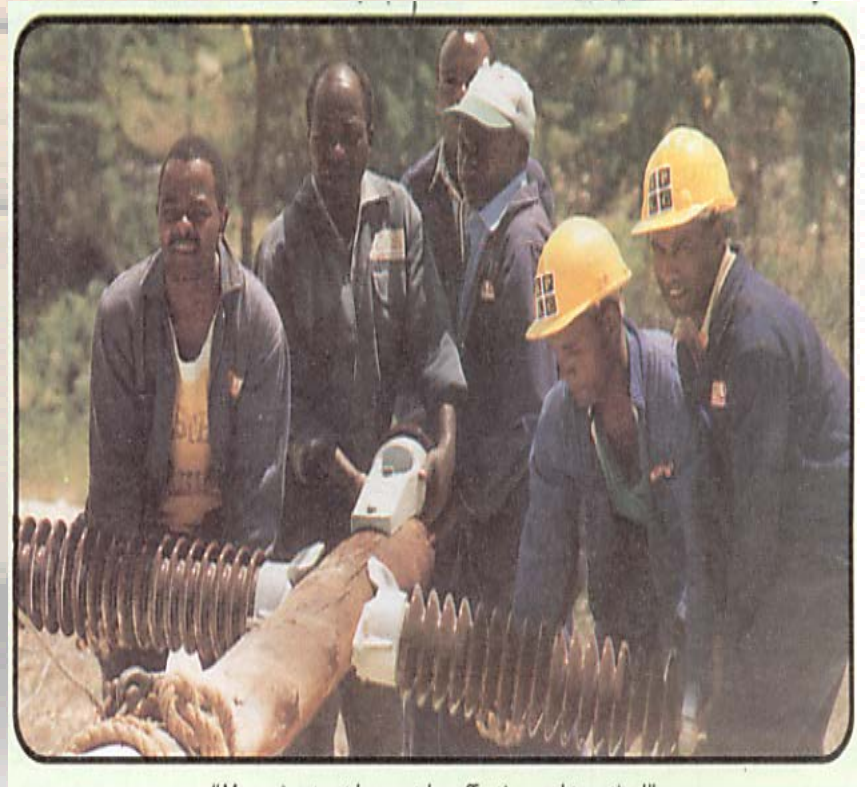
European Union



SUSTAINABLE ENERGY

<b>Gender Goal</b>	<b>Gender activities</b>
<p>Promote employment of men &amp; women's as ICS entrepreneurs</p>	<ul style="list-style-type: none"> <li>✓ Include targets in programme for women entrepreneurs &amp; female owned businesses</li> <li>✓ Identify bottle necks for women and men as ICS entrepreneurs in baseline study &amp; address solution in program activities</li> <li>✓ Facilitate innovative credit support/procedures for women entrepreneurs through MFI's &amp; SACCOs</li> <li>✓ Target MFI's &amp; SACCOs that specifically support women businesses</li> <li>✓ Provide BDS training to women and men entrepreneurs &amp; additional skill &amp; confidence training for women entrepreneurs</li> <li>✓ Facilitate role models and trainings for women metal cladders by working with technical and vocational schools</li> <li>✓ Disseminate effective communication about employment opportunities for women &amp; men in ICS to school leavers.</li> <li>✓ Ensure the presence of women in decision-making committees and subcommittees for ICS groups</li> <li>✓ Design an award giving &amp; media campaign to advertise best women entrepreneurs</li> </ul>

# GMS in KPLC



# GM Results in ICS Programme

- 50% of the 270 entrepreneurs are women
- Annual estimated profit per member is US\$125
- Retention rate of women clay molders increased to 40%,
- 40% women receive funding from SACCOs/MFIs,
- 50-70% adoption rate and sustained use of ICS in project area,
- Largest producer (70,000 stoves per year) is a woman,
- Performed well in terms of average sales/ quality of stoves and average savings reinvested into business

No. of the Entrepreneurs		Stove Sales (2012)	Average
Men	135	206,271	7,113
Women	135	205,799	14,700

No. of the Entrepreneurs		Avg. Quality Score	note
Men	135	50.22	<i>Quality scoring system is developed and applied by QA/QC team of SCODE</i>
Women	135	52.02	

# GM by Kenya Power & Lighting Company

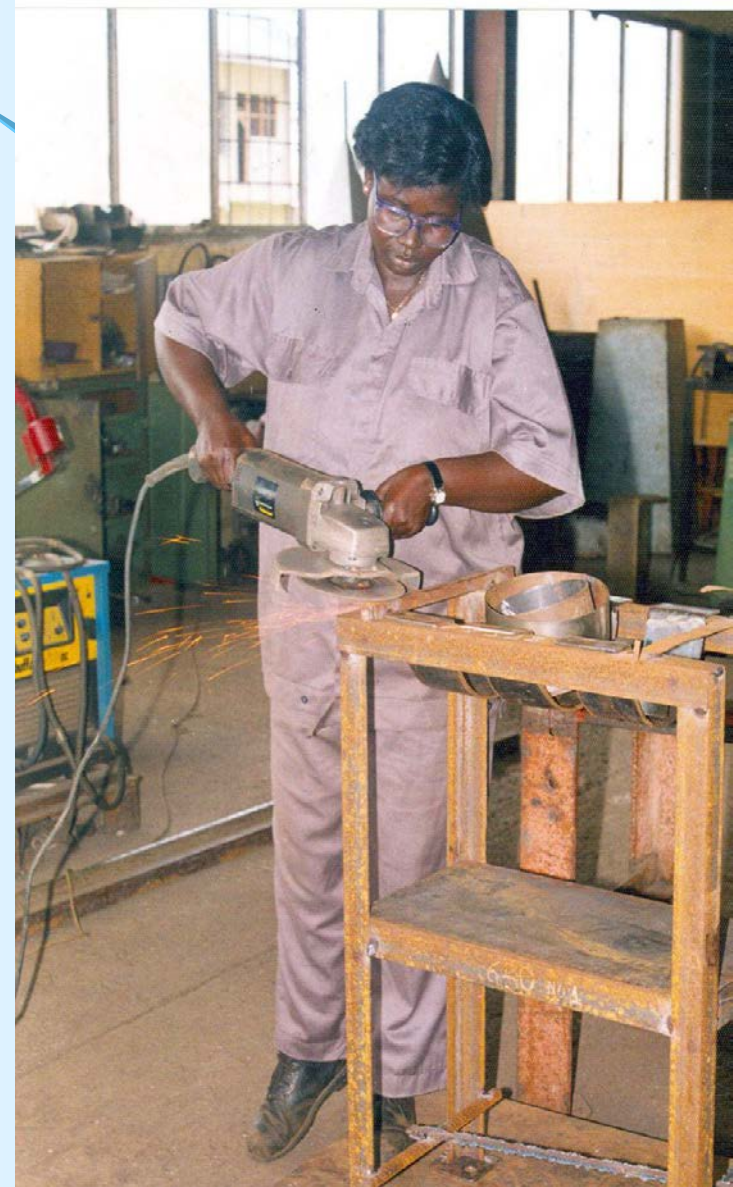
- **Adopted a Gender Policy and Sexual Harassment**
- **Implement a interest free loans over 24 months repayment targeted at women SMEs and FFH to off set high cost of connection - Stima Loan Special Fund for**
- **Affirmative action to attract women technician, engineers, members of board – 30% by 2015**
- **Training and gender sensitive PBT for all technical and management staff**
- **Include targets for women's employment for contractors engaged by KPLC for on and off grid RE programs**
- **Gender disaggregation of customer satisfaction report and reporting on gender results to MoG and MoE**

# Good practices and lessons learned

- Align energy policies, planning and implementation with existing poverty reduction strategies and commitments on gender equality
- Management commitment is critical
- Introduce gender mainstreaming in design phase & through out entire program/policy cycle
- The programs/orgs must lead the GM process & mentoring/coaching is a continuous process
- GM only works as a bottom up approach not donor approach :
  - End user/SME involved in setting the agenda
  - Results / target driven process

# Good practices and lessons learned

- Partnership between gender and energy experts have multiplier effects
- Expectations should be realistically: use a flexible/ adaptable approach to GM
- Targeted investments for women enterprise development, technical/vocational education and employment in the energy sector are key
- Need safe guards for most vulnerable groups – social protections mechanisms





**THANK YOU: for more information visit:**  
**[www.energia.org](http://www.energia.org)**

