MAINSTREAMING GENDER IN PLANNING SUSTAINABLE ENERGY TECHNOLOGIES

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Challenges

- Skewness in Energy use & access to technology;
- Exhaustion of women’s labour - productive time & development partnership;
- Poor technology in the popular energy domain;
- Inadequate transition – continue on same old fashion;
- Excluded areas – women, cooking energy technology, clean/modern energy for cooking, productive use of energy technology.
3 Key Areas

1. Planning SET Taking into account 3 pillars of SD:
   - Social – acceptable;
   - Economic – feasible;
   - Environmental – environmentally healthy;

2. SET in response to Gender:
   Recognizing gender specific energy needs, concerns and priorities in planning SETs;

3. Mainstreaming: - Engendering the stream of SET from the stage of designing to extension, monitoring & evaluation by integrating gender; Introduce gender indicators for measures of change.
Mainstreaming Process

- **Recognize** gender equality as an area of concern - specific energy needs, use, response to make a change in local situation (poverty, women’s drudgery);

- **Design & Develop** technologies responding to men’s & women’s needs, with special attention to women’s practical, productive & strategic needs;

Contd/……
- Technology extension for improving/widening access to clean energy technology:
  - for improving quality of life;
  - to facilitate production/income;
  - to provide instruments & means for the poor
- Technology adoption – solving practical difficulties through capacity building & financing;
- Establish indicators to measure changes expected in gender relations, economy, income, leisure, environment etc.
- Measure changes – Build local capacity & build social capital.
### Mainstreaming gender in planning SET for Poverty Reduction

#### Areas of concerns

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<th>Improved biomass supply, conversion &amp; utilization</th>
<th>Practical</th>
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<th>Strategic</th>
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- **Improved biomass supply, conversion & utilization:**
  - Better quality wood supply
  - In close access
  - Improved stoves
  - Improved kitchen space
  - End use devises
  - Biogas
  - Dendro-energy

- **Practical:**
  - Less cumbersome
  - Cooking with high calorific wood supply
  - Reduce risks & injuries
  - Less time in gathering & portaging
  - Less time in walking & cooking
  - Less timing kitchen cleaning
  - Improved indoor air
  - Improved health

- **Productive:**
  - More time for productive work & income generation
  - Output for women’s labour
  - Enhanced labour efficiency
  - Mechanical power
  - Access to information

- **Strategic:**
  - Improved family wellbeing
  - High quality human capital
  - Gender equality
  - Enterprise
Examples

- Multiple effects of SET on agriculture & farm women

Energized water pumping

Modern irrigation system (Drip irrigation)

- Time & Labour saving
- High water use efficiency
- Reduced water extraction
- Reduced vulnerability

More lands on crops; Crop rotation; More yield; Promising Market.

Agro-Enterprise; Regular Income.
Gender mainstreaming is to address:

- Women’s & men’s energy needs & technology issues evolved in relation to the socialized image on women’s & men’s roles; promote multiple energy options for multiple needs; gender inequality in accessing improved & modern energy technology & its use in reproductive & reproductive work ensuring that SET is available, accessible & affordable in facilitating economic advancement for poverty reduction.
Thank You