

# **Socially Responsive Mitigation in Bangladesh: A Case Study on Gender Sensitivity**

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**Mitigation is not a priority in Bangladesh.**

**There is already an adaptation gap.**

**Due to non-action at global level, the adaptation gap is widening.**

**Even then, Low Carbon Development has been accepted by the Government as one of the key responses to climate change.**

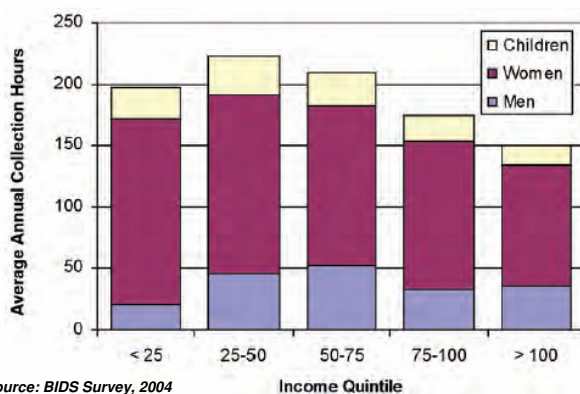
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Because men have been dominated in areas related to formal energy, transportation, and industry, the focus of mitigation policies tend to be **more technological than behavioral.**

In mitigation, social dimensions are often forgotten.

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Household Biomass collection time by income quintile ('000 Tk/yr)



Source: BIDS Survey, 2004

In **informal energy sector**, women's contribution and involvement are much more pronounced.

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**A synopsis of Recommendations from Women  
and Women NGOs**

**Setting Targets**

**No Offsetting**

**No Risk Technologies**

**Mitigation Beyond Technology**

**Multi level Approaches**

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**Women in Bangladesh generally use energy of  
poorer quality**

**Women are generally exposed to poorer quality  
energy services**

**There exists a technological divide**

**Limited know how & skills**

**Limited access**

**Even pro-poor renewable energy services are  
biased towards males**

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## **A Case Study from Bangladesh: Gender concerns in Mitigation Effort**

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- **Brick Making Industries (BMI) are one of the largest source of GHG emissions in Bangladesh**
- **Emits more than SIX million tons of CO<sub>2</sub> per year**
- **About 33% of fuel used comes from Wood, although it has lately being banned by the government**
- **The government has already published a notification to transform the fixed chimney kilns to modern kilns by September 2012.**



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**Every year, 2.0 M metric tons of low quality coal and 2.0 M metric tons of wood are burnt in BMIs along with spent tires and tubes**

**Pollution is caused by:**

- Poor quality of fuel,
- Improper design of chimney and combustion chamber



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Pollutants such as **oxides of carbon and nitrogen, sulphur dioxide, volatile organic compounds, total suspended particulates** are produced from the brick field.

Even under well controlled processes worldwide, **0.2 microgram toxic equivalent of dioxans and furans** are emitted as byproduct into the air during the production of each ton of brick, which is very harmful to lives.

Bangladeshi women workers have been exposed to such pollutants.

**HEALTH ISSUE**



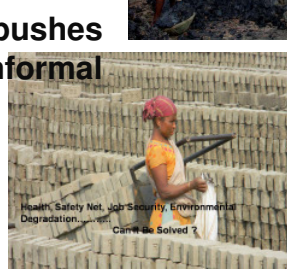
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**Women are now being increasingly employed in BMIs**

- Low wage
- Docile in nature
- Do not know much about right

**Economic hardship pushes women towards informal sector employment**

**Labor Recognition ?**



**Green Brick Project: Promoting  
HHK Technology to improve  
burning efficiency & reduce  
emissions**

**A Green Brick Project**

**Opportunities for co-finance and/or  
technological support**

**Requires a transformation from an  
informal sector to a formal sector**

**Operation in a formal economic setting**

**Support seeking BMIs are required to  
address labour rights, especially rights of  
women**

## Green Brick Project: HHK Tech

### *Job Security*

- Leave
- Wage rate
- Other benefits

### *Health facility*

- Availability of drinking water
- Toilet facility
- Mobile doctor facility
- Maintaining safety measures to protect from the pollutants

### *Ensure Security*

**Making mitigation effort socially responsive**



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**To Safeguard investment: Impacts of Climate Change must be considered (a criteria)**

**Private sector has ample opportunity of tapping money from Carbon Market**

**It has *ADAPTATION CO-BENEFIT***

**GENDER is not a Normative approach: It is made a pre-requisite before allocation of support fund**



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**THANK YOU**