

BONDHU CHULA COOKSTOVES, BANGLADESH



COOKSTOVES SAVING MONEY, IMPROVING HEALTH

Less than 20% of the 35 million Bangladeshi households have access to clean cooking. Traditionally, cooking is done over an open firepit, releasing smoke and particulate pollutants. These pollutants contribute to 49,000 premature deaths a year and causes millions in the country to suffer from respiratory diseases, asthma, cardiovascular diseases and eye and skin infections. Women and children are particularly affected, due to their role in food preparation.

The Bangladesh Bondhu Foundation is changing this through its Bondhu Chula, which loosely translates as the 'friendly stove'. The combustion chamber is designed to ensure a more efficient burn reducing fuel use and the chimney takes the harmful pollutants out of the house. The project works with micro-entrepreneurs who receive training in stove production, sales and marketing and after-sales service.

Carbon finance is used to subsidise 50% of the cost of stove installation, provide after sales services, as well as a seven-day training programme for the local entrepreneurs. This arrangement has proved highly successful; over 3 million stoves have been installed to date, bringing skilled work to more than 5,000 entrepreneurs.

SEVEN-DAY ENTREPRENEUR SALES TRAINING PROGRAMME

CHIMNEY SAFELY REMOVES TOXIC SMOKE FROM HOME

CARBON FINANCE MAKES STOVE ACCESSIBLE FOR POORER HOUSEHOLDS



DELIVERING THE GLOBAL GOALS (SDGS)

Verified under Gold Standard for the Global Goals:

3 GOOD HEALTH AND WELL-BEING



The stove's chimney removes smoke from the house, reducing harmful indoor air pollution

13 CLIMATE ACTION



Over 286,000 tonnes of emissions reduced to date

15 LIFE ON LAND



Cutting wood fuel consumption reduces pressure on local forests and biodiversity

Additional SDGs supported:

1 NO POVERTY



Fuel consumption is reduced by as much as 50%, saving money on fuel, and leaving families with more disposable income

5 GENDER EQUALITY



Fuel savings mean that women and children have to collect up to one tonne less of wood per year

8 DECENT WORK AND ECONOMIC GROWTH



Creating markets for fuel efficient stoves in Bangladesh, involving more than 5,000 entrepreneurs in stove manufacture and distribution



KHALEQ ZAMAN, BANGLADESH BONDHU FOUNDATION

"Our unique seven-day training programme teaches entrepreneurs to produce and install stoves, as well as quality assurance, monitoring and after-sales service."

WHAT THE CARBON FINANCE DELIVERS

The carbon finance funds 50% of the installation cost of the stoves by local partners, the provision of after-sales services, and enables the price of the stove to be subsidised for users, who would otherwise not be able to afford them.

Furthermore, the carbon finance also contributes to the building of a viable, sustainable market for clean cookstoves in Bangladesh, through capacity building measures to train local stove entrepreneurs and manufacturers.



GET IN TOUCH:

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