



Climate Change



REDUCTION OF GHG

Emissions from Small to Medium Textile Processing Units

Project Background

TIDE has over the years worked on 125 projects, experimented with 54 different ideas for technology generation and dissemination, large percentages of these are in the areas of renewable energy and environment. TIDE has developed expertise in development and dissemination of biomass combustion devices used by small informal industry sectors in South India. In some of the industries like ayurvedic medicine preparation, coconut drying, rubber band making, spice and fish dyeing, area boiling, tobacco curing, silk reeling etc. TIDE has collected data to show that these interventions have led to CO₂ emission reduction of over 180,000 tons. The textile industry has not been a focus of TIDE's attention but it has developed and field-tested designs of stoves that would reduce firewood consumption in this industry sector. The goal of the project is to create a sustainable mechanism for the reduction of GHG emissions from textile processing units by developing and installing fuel efficient stoves and solar water heaters in the small scale textile bleaching, dyeing and sizing units. TIDE approached United Nation Development Program (UNDP), Global Environment Facility (GEF), Small Grants Program (SGP) through Centre for Environment Education (CEE).

Community Participation

The project would involve textile industry associations in the districts where intervention is planned and the textile units by making them pay for the device and not receiving it as a grant or with subsidy. As a model approach, encouraging working through a social entrepreneur in the project. The project will create a network of rural entrepreneurs for the construction of the devices. These entrepreneurs would be capable of servicing the needs of the entire district and provide sales and maintenance support to the adopter of the technology. It is proposed to include the financial institutions to scale up the usefulness of the technology widely.



Geographical area	:	Erode & Coimbatore Districts Tamilnadu INDIA
No. of Beneficiaries	:	More than 300 institutions and users.
SGP Grant	:	Rs. 15,95,000
Co Financing	:	Rs. 11,20,000
Project Time Period	:	2007-2009

