



This project focuses on the densification of biomass to replace Liquefied Petroleum Gas (LPG) and provide efficient smokeless stoves to restaurants, temples, mid-day school programs and hospitals.

In the beginning, fifty villages located near Kotdwara under the district of Pauri-Garhwal are involved into the project. An operator who interfaces with the villages and a Self Help Group of around 8-10 people who collect the biomass will be formed. The biomass will primarily come from agriculture and forest residues. The operator will also be in charge of distributing the stoves. The low cost of biomass, less than half the equivalent amount of LPG, will be the main motivator for the clients to switch to the clean energy alternative.

The briquetting machine has been developed and is currently in operation in several parts of India. Forced draft gasifier stoves for community cooking applications, developed by The Energy and Resources Institute (TERI) in India, will be used. The gasifier can realize a 50% saving in fuel consumption compared to conventional stoves.

Type:	VER Project, Gold Standard validation intended
Location :	Kotdwara, district of Pauri-Garhwal, India
Project Type & Activities:	Renewable biomass for cooking
Baseline:	Substitution of fossil fuel (liquefied petroleum gas)
Project Volume:	< 5,000 tonnes of CO ₂ equivalent per annum
Implementation Date:	2008
Crediting Period:	7 years