

CDM Project On Briquettes Manufacturing

1. Name of Project:

Supply of Briquettes to the User as a Source of Thermal Energy in Maharashtra

2. Location of Project (Village/District/State):

Chandrapur, Nanded & Nagpur, Maharashtra, India

3. Name of the Project Bundler & Sponsor(s):

SEE-Tech Solutions Private Limited

"Let's Conserve", 11/5, MIDC Infotech Park, Near VRCE Telephone Exchange,
South Ambazari Road, Nagpur-440022 (India)

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Web: www.letsconserve.org

4. Name of the Project developer:

- **Name of the project developer:** SEE-Tech Solutions Private Limited
- **Other function(s) of the project developer in the project:** Technical advisor.

5. Objective of the project:

The project aims at replacing use of fossil fuels by agricultural waste based briquettes. Here in briquettes are used as source of energy in boiler/furnaces/thermic fluid heater/hot water generator and other thermal equipments. As the briquettes are replacing the conventional fossil fuel, it results in the reduction of GHG emissions.

6. Project description and proposed activities:

In this project activity, briquettes are manufactured from renewable biomass, which is burnt in the field in the absence of the project activity. The capacity of the plant is 10 T/day. Thus the project results in the reduction of GHG emissions occurring due to field burning of biomass. Briquettes are utilised by the users as a source of energy in the boilers. As the briquettes are replacing the conventional fossil fuel used in the boiler, it results in the reduction of GHG emissions. In addition to this, it also brings about significant reduction in the SO_x & NO_x emissions.

7. Technology employed:

- Briquette is the answer to the ever-increasing energy crisis. This is manufactured from renewable agricultural and forest waste. It is suitable for domestic as well as industrial purposes. Some of the waste gives superior quality of briquettes because of negligible ash content while burning.

- **Production Process:**

The agro waste is first pulverized, sieved and then dried to required moisture content. This is then fed into the hopper of fuel briquette machine, which uses high compression between die and punch resulting into cylindrical briquettes. Cylindrical briquettes are thus formed due to carbonization, achieved by heating of surface.

8. **Project start date:**

October 2005

9. **Project status:**

All briquette-manufacturing units are operating and producing briquettes.

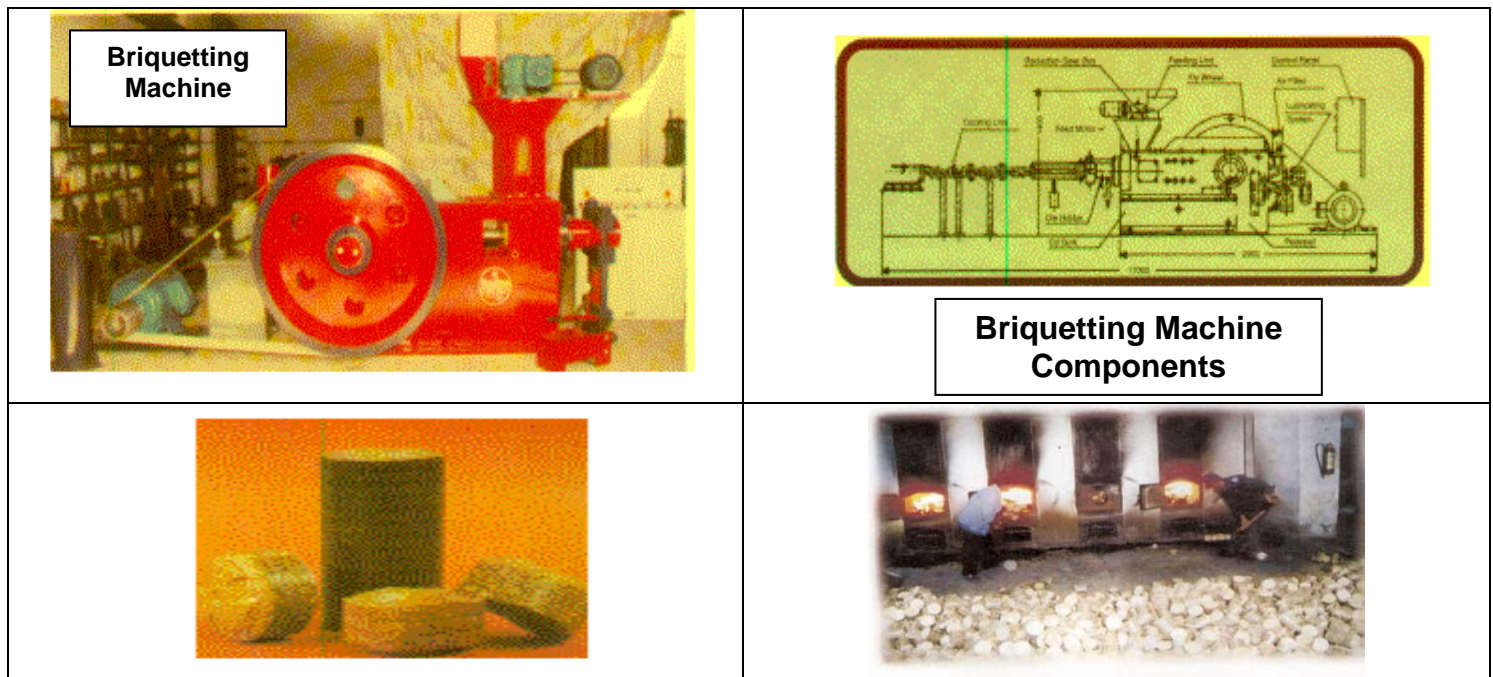
10. **Estimate of Greenhouse Gases abated / CO₂ Sequestered (in metric tons of CO₂-equivalent):**

CER: Annual 28,000 tCO₂-equivalent & Up to 2012: 1, 40,000 tCO₂-equivalents

11. **Methodology Applied:**

The project is small scale CDM project and the methodology applicable to the project activity is Type I: Renewable Energy Projects Category: I.C.: Thermal Energy for the user

PICTORIAL VIEW & DETAILS OF BRIQUETTING MACHINE, BRIQUETTES & FIRING IN BOILER:



If interested please contact...

	<p>SEE-Tech Solutions Pvt. Ltd. (Consultants & solution providers for Industrial Safety, Energy Conservation, Environment Protection & Application Software)</p> <p>“Let’s Conserve”, 11/5, MIDC Infotech Park, Near VRCE Telephone Exchange, South Ambazari Road, Nagpur-440022 (India) Ph. No. +91-712-2222177, Fax No. +91-712-2225293 E-mail: seemil_ngp@sancharnet.in Web: www.letsconserve.org</p>
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