

Non Technical Summary

1. Introduction to the project

Guangzhou Iceberg Environmental Consulting Services Co., Ltd, (hereinafter referred to as Iceberg), a Chinese company committed to provide clean water and energy for developing countries through carbon finance, will cooperate with local NGO HWO Energy Ltd. and Grassroot Cooperation Ltd to implement an Apon Chula Cookstove project in Sylhet and Chittagong Divisions of Bangladesh. The project will provide clean cook stoves for the local communities and the cook stove quality will meet the national standard of Bangladesh. The project will distribute approximately 100,000 improved cookstoves free of charge to households in Bangladesh in 2 years. The project will be registered as a carbon emission reduction project under an international standard called "Verified Carbon Standard". Iceberg will have the full ownership of the carbon credits generated from the project. The income from selling these carbon credits to international carbon market will confirm the sustainability and extendibility of the project.

2. Economic, social and environmental impacts of the project

2.1 Economic impacts

- The project will reduce expenditures of households on firewood for water boiling.
- The project will contribute to the scale-up of local business and organizations with the potential to create jobs in the Jiko Kisasa

Cookstove sector, such as productions, assembly, marketing and distribution of related devices.

2.2 Social impacts

- The project will provide clean cooking solutions to the households to reduce smoke related diseases. Cooking Smoke is a leading cause of major respiratory illnesses such as cough, chest tightness, whizzing and dizziness.
- The project will reduce the time and work load to collect firewood, which is mostly taken by women and girls in Bangladesh.

2.3 Environmental impacts

- The project will help significantly reduce greenhouse gas emissions from firewood combustion for water boiling
- The traditional way (three stones) of boiling water produces a lot of smoke and harmful gases. The project will reduce indoor air pollution and therefore respiratory illness and mortality rates, especially among women and children.
- The project reduces the demand for non-renewable biomass and fossil fuels required for water boiling, which can protect natural forest eco-systems and benefit biodiversity.

3. Contact details for further technical detail and project information

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