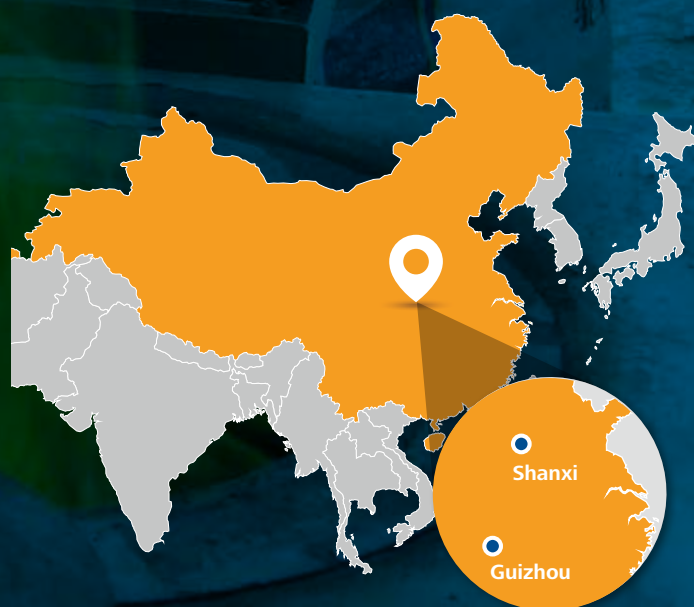




SUSTAINABLE COOKSTOVES CHINA



**Replacing inefficient cookstoves to
reduce coal consumption in homes**

Improved cookstoves with biomass technology provides communities with a cheaper, cleaner alternative to coal-burning methods. This cuts emissions and improves health conditions inside homes.

The Context

In China, more than 750 million people rely on dirty fuels like coal to heat their homes and cook their food. One of the leading risk factors contributing to child mortality in rural Chinese communities is eye and respiratory issues associated from smoke and carbon emissions inside homes. Household solid fuel use is responsible for approximately 1.6% of the Chinese national burden of disease, over 380,000 premature deaths a year. Coal use in China makes up 14% of global carbon dioxide emissions.

The Project

This fuel-switching and efficiency project reduces greenhouse gases by distributing over 128,700 improved stoves that use 100% renewable fuel sources such as excess agriculture residues and renewable wood. The stoves cook food quickly, are cheaper to operate and do not produce as much harmful carbon emissions. It is designed to be used especially in winter for heating while simultaneously meeting users' cooking needs.

The Benefits

By reducing their exposure to dangerous coal smoke, the cookstoves improve the health of individuals. Poverty alleviation is achieved through these improvements, as well as cost savings from switching from the purchase of coal fuel to free and readily available renewable biomass fuels. Jobs in manufacturing, office staff and field technicians are created by for local communities. The project aims to reach underprivileged families who normally cannot afford improved stoves, by subsidizing the manufacture and sale of high quality, long lasting stoves with financial subsidies.

"What I like most about the stove, besides the convenience, is that since buying it I've saved so much money from not having to buy coal for cooking."



Gold Standard



319
US\$

on average saved by families every year



450,000+
tonnes

of coal avoided by providing a biofuel alternative for cooking



104
people

employed by the project, boosting local economies



325,234
tCO₂e

mitigated per year by reducing coal related emissions

For more information on the UN Sustainable Development Goals, please visit: <http://www.un.org/sustainabledevelopment/sustainable-development-goals/>

Official name: Impact Carbon China Stoves | **Registry link:** https://products.markit.com/br-reg/public/project.jsp?project_id=103000000001980 | **Registry ID:** 1980 | **GS ID:** 949

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