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143,762

SAVED EMISSIONS
TONS CO2 EQ /YEAR



Heqing Solar Cooker Project II

 China

PROJECT-ID: 1859 FZ-ID: 2101

Heqing Solar Cooker Project II

Distribution of efficient solar cookers to rural households

"Heqing Solar Cooker Project II" (consequently referred to as the "Project") is located in the rural area of Zhangye, Gansu Province in northwest China. Carried out by Beijing Harmonious Energy Development Co., Ltd, the Project will install 49,000 solar stoves for rural residents.

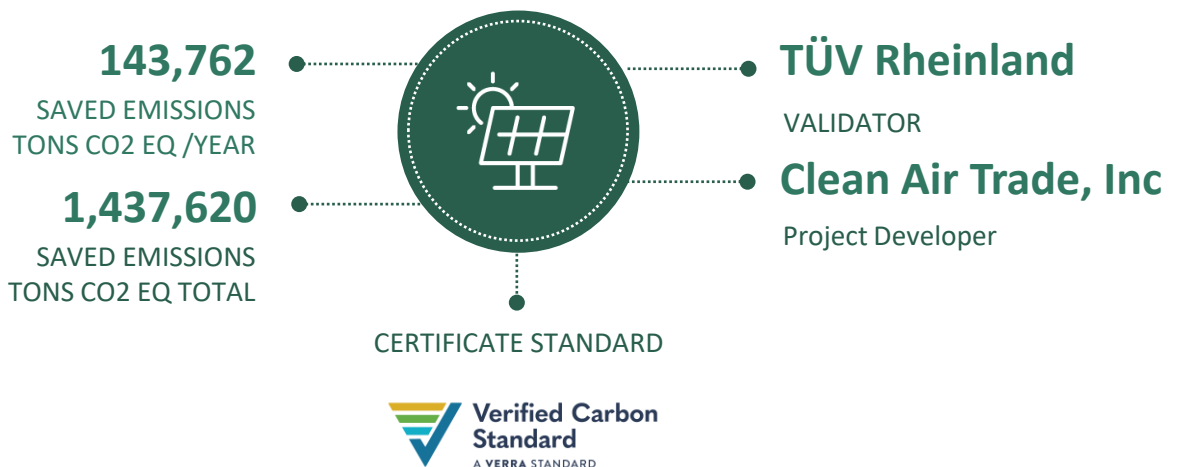
The rated power of each solar stove is 910 W and the total capacity of the project is 44.59 MW.

The project enables rural residents to efficiently replace fossil fuel (coal) used for daily cooking and water heating with solar energy, thus avoiding CO₂ emissions that would result from fossil fuel consumption. The project will save approximately 143,762 tCO₂e

annually.

[For more information please click here.](#)

Overview of the project data:



Heqing Solar Cooker Project II

The project contributes to the following sustainability goals:



Good health and well-being:

The solar stoves do not cause air pollution compared to conventional stoves, thus reducing the risk of respiratory diseases.



Gender Equality:

The project contributes to improving gender equality by reducing the amount of time women would spend collecting firewood.



Affordable and clean energy:

Users of the cooking stoves save time and money because solar technology does not require the use of fuel.



Reduced inequalities:

The solar stoves are distributed in rural areas of China to counteract the limited opportunities compared to the city.



Climate action:

The use of the solar stoves replaces cooking stoves that are stoked with coal and thus saves many CO₂ emissions.