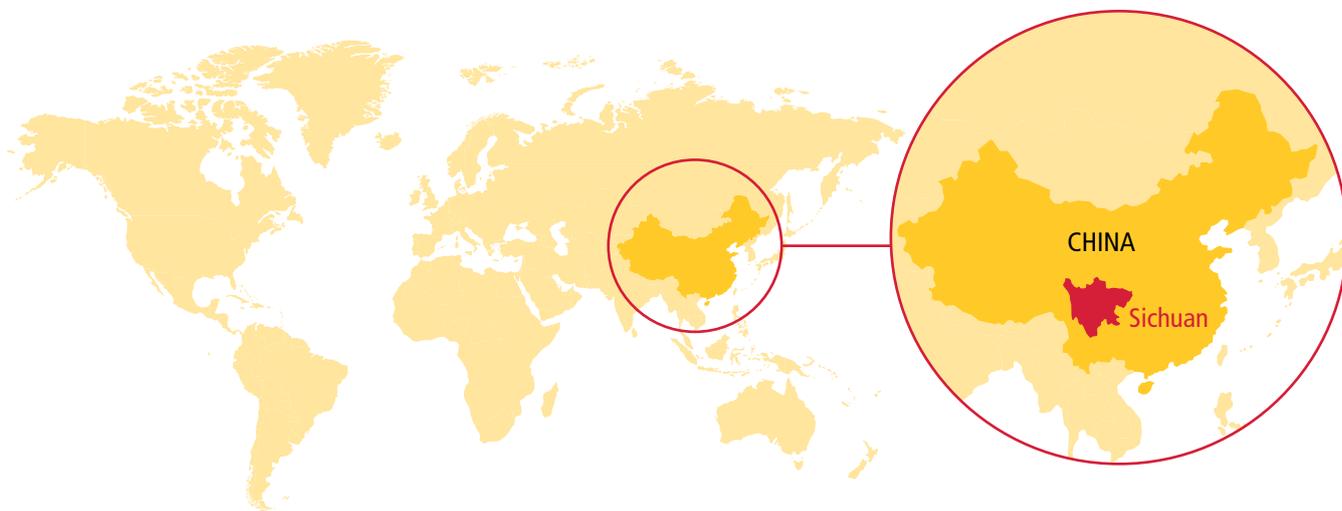


GOGREEN CLIMATE PROTECTION PROJECT: HOUSEHOLD BIOGAS PROGRAM IN CHINA



In order to provide our climate neutral service GoGreen, we need carbon credits to offset the greenhouse gas emissions that result from transport and logistics services for our customers. We obtain these carbon credits by investing in certified climate protection projects such as this poor-household biogas development program in the Chinese province of Sichuan.

Project type	Renewable energies
Project technology	Household biogas digesters
Project location	Sichuan province, China
Project goal	To reduce CO ₂ emissions by enabling low-income families in rural Sichuan to switch from coal to household biogas digesters
Project standard	Verified Emission Reductions (VER) Gold Standard (GS 1239)



Climate neutral shipping
with Deutsche Post



Climate neutral shipping
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Gold Standard
Climate Security & Sustainable Development

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GOGREEN CLIMATE PROTECTION PROJECT: HOUSEHOLD BIOGAS PROGRAM IN CHINA



Project description

The rural population of Sichuan is used to storing animal manure and organic waste, which they use for sea-seasonal agricultural purposes. They use coal as a source of energy for cooking. This is neither beneficial for the people's health, nor beneficial for the environment, since both the burning of coal and the storing of biomass unnecessarily result in greenhouse gas emissions. In order to improve the situation, subsidized biogas digesters were planned to be sold to the population. However, many low-income families could not afford to pay the initial purchase price for the digester and the costs for maintenance and technical support, which are not subsidized.

The purpose of the Sichuan rural poor-household biogas development program is to provide both financial and technical support for the deployment of the digesters. This way, low-income households are able to participate in the subsidy program and thus implement household biogas digesters instead of using coal for cooking. This reduces the emissions of CO₂. Additionally, methane emissions from storing animal manure are avoided.

The project results in additional benefits for the local people. Avoided methane emissions through the use of biogas digesters and reduced indoor pollution through cooking with biogas help to improve peoples' health. Families' living and financial situations are improved, as no more coal needs to be purchased for cooking and proper animal manure supports sustainable agriculture.

Additionality

The establishment of the rural poor-household biogas program in Sichuan requires special technical and financial requirements for manufacturing and distribution, and results in higher costs for the local communities. The project could not have been realized without additional revenue generated from the sale of carbon credits. Thus, the project fulfills the additionality criterion of the Clean Development Mechanism and the Gold Standard: CO₂ emission reductions provided by the household biogas digesters are in addition to what would otherwise occur or is regulated by law.

Links

dpdhl.com/gogreen-projects
goldstandard.org/projects/sichuan-rural-poor-household-biogas-poa-household-biogas.com



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