



GS CDM Sichuan Poor-Rural Household Biogas PoA (China)



Overall Benefits for the Households & the Community

- **End of the dependency on expensive and dirty fossil fuels:** the fuel switch provides low-income rural households with a free and reliable source of renewable energy and contributes to replacing unsustainable energy production based on fossil fuels in Sichuan and China.
- **Substantial increase of available household income:** boost of the available income from considerable savings of energy costs, sale of agricultural products and revenue from CERs.
- **Creation of many qualified jobs, both permanent and temporary:** for installation and maintenance of biodigesters and cook stoves.
- **Higher output and better agricultural products :** Superior quality organic fertilizer generated in the biodigesters increases both crop yields and the quality of agricultural products.
- **Environment protection:** Less need for firewood effectively protects biodiversity and preserves valuable carbon sinks in Sichuan.

Direct Benefits for Women & Kids

- **Much better user comfort and significant savings of time:** the practical biogas digesters and the highly efficient new cook stoves significantly reduce the time spent mostly by rural women collecting firewood or purchasing fossil fuel and firing up traditional stoves. This saved time can be used alternatively for income generation, education or other productive purposes that will strongly improve the living and working conditions of farmer women and their families.
- **Better environmental, sanitary and hygienic conditions:** use of clean fuel improves greatly the indoor pollution while the use of closed biodigester tanks strongly prevent infectious diseases and avoid water pollution, benefiting mainly women and children spending most of their time at home.

- ✓ MITIGATING CLIMATE CHANGE
- ✓ IMPROVING RURAL LIVES
- ✓ DEVELOPING A SUSTAINABLE FUTURE



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