

Construction of a Biogas Plant for an impoverished farmer living in rural Nepal

Project Reference: 64.02

► How will this project help?

The farmer who will benefit from this project is from one of the lowest castes in Nepal. This group has traditionally been marginalised and discriminated against. In providing support for this project, you are contributing towards the management of natural resources as well as providing the farmer with long term financial assistance as they will no longer have to purchase fuel. In the past, it has only been wealthy farmers who have been able to afford to construct a Biogas Plants in Nepal when it is the poorer farmers who are most in need of a cheap fuel supply. The operation cost of biogas plants is virtually nil. One biogas plant, on average, helps to save 2 tons of fuelwood, 0.8 tons of agricultural waste, 0.45 tons of dung cake and 50 litre of kerosene per household. Other benefits include the saving of labour; at least 3 hours per day per household, the use of the slurry which is a good organic fertilizer and also improved health with the smoke free cooking. The farmer you are supporting has very limited funds but has raised one third of the cost of the plant. In providing the remaining support, this farmer can now achieve his goal of constructing a Biogas plant which will benefit his whole family for many years to come and make a positive impact on all of their lives.

► Cost of Project

Cost breakdown

Each biogas plant costs over 20,000 NRS to construct, however the farmer has agreed to raise over 30% of this. The amount needed from donor is for the biogas plant is 13,000 NRS plus Project Implementation costs= 3500 NRS
Local bank charges to receive funds= 350 NRS

Total cost of project in local currency = 16850 NRS

► **Total Cost of Project in Pounds =**
£140.42

► Who needs help with this Project?

Farmers in Western Nepal.

► Where is this project needed?

Mid western part of Nepal, Nepal



► Nepal Factfile

- ◆ Population: 23.1 million
- ◆ Average annual income: US\$ 220
- ◆ Often described as the "country of villages" with over 80 % of the population living in over 40,000 villages, some of which are located in remote mountainous regions.
- ◆ Only 28% of the population have access to adequate sanitation
- ◆ Every year 35,000 children still lose their lives due to diarrhoea.
- ◆ 76% of adult females are illiterate



"Biogas can be used for cooking to replace fuelwood and lighting to replace kerosene. The benefits of this is that kitchen stoves become smoke-free and ash-free which significantly reduces the risk of respiratory infections for women who can therefore look forward to a longer life expectancy."