

PDBP working with Inclusive Development Approach to Benefit People

A Success Story of PDBP Facilitating Domestic Use of Biogas in a Gurdwara



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District Wise Map of Punjab (Pakistan)

Beneficiary's Profile

General Info

Beneficiary Baba Bhatti - Mastan Singh

Age 70 Years

Occupation Religious Leader
(Custodian of Sri Guru Granth Sahib at
Gurdwara Tambu Sahib)

Village/Area Tambu Sahib

Tehsil Nankana Sahib

District Nankana Sahib

Province Punjab, Pakistan



Biogas Plant Info

No. of Plants	Type	Size	Date of Construction	Plant I.D
1	GGC	15m ³	22-06-2012	NKN-P000022

Pakistan Domestic Biogas Programme (PDBP) ensures to benefit all people of the programme area without any exception of cast, creed, sex, or religion. PDBP believes in acceptance of pluralism and diversity and inclusive development, thus it has approached all segments of the society to benefit them without any discrimination, through its wide ranged advocacy and promotion. The beneficiaries range all segments of the society including domestic women, children, and farmers belonging to Muslim, Christian, Hindu and Sikh religions. These inclusions have colored PDBP with various success stories.

Gurdwara Tambu Sahib built around last two decades of 15th century, is related to Sri Guru Nanak Dev Ji (the first Guru in Sikhism). It is believed to be a sacred place for Sikhs and is located at just on a 6 minutes walking distance from the Janam Asthan Sahib (the birth place of Guru Nanak Dev Ji). The pilgrims visit the place throughout the year from all over the world having majority from England, India and Dubai. Like other religious places in



Local and Foreign Pilgrims Visiting the Gurdwara Tambu Sahib

Pakistan, these are also registered by the Evacuee Trust Property Board (ETPB) Pakistan. But the hosting and administration is done by the local Janam Asthan Parbandak Committee comprising on the elder Sikh leaders. The people from all religions are welcome to the Gurdwara. Each Gurdwara has a free community kitchen that serves meals to the pilgrims. The administration staff resides in the adjacent building.

The 70 years old Baba Bhatti is a Sikh religious leader appointed as Custodian of Sri Guru Granth Sahib at Gurdwara Tambu Sahib since September 2004. He is advisor of the Janam Asthan Parbandak Committee and heading the Gurdwara administration staff. The Gurdwara is facilitated by all necessities and facilities such as electricity, Suigas etc. But the energy crises all over Pakistan never let any place undisturbed.



Baba Bhatti Sitting in the Gurdwara Compound to Welcome Pilgrims

The administration had installed alternate equipments to generate and store electricity but there was no solution to the shortage of Suigas. This shortage used to disturb the daily chorus of administration staff, even while facilitating the pilgrims and conducting the religious practices.

Baba Bhatti being a responsible person was concerned about the issue, searched for alternates and solutions to the shortage of Suigas. Once he got familiar with biogas but had no information about any service provider all over the country. He expanded his search and finally found information about Rana Qadeer Ahmed Biogas Construction Company that was established and working under PDBP. This company was famous and visible in District Nankana Sahib.

Baba Bhatti approached Rana Qadeer the manager of the BCC and shared the issue with him. Rana Qadeer introduced him with PDBP and advised to construct a 15m³ biogas plant.

Finally in June 2012 a 15m³ biogas plant was constructed in the compound of the Gurdwara to provide an alternate source of kitchen fueling while Suigas Shortages. Baba Bhatti tells that the biogas plant is facilitating 16 people comprising on Gurdwara administration staff. The biogas is sufficient for the entire needs of cooking and servings for staff and even for serving the pilgrims. He tells that construction of biogas plant has reduced the Suigas bill upto Rs. 6000 monthly.

Bioslurry the plant exhausts after digestion of dung is used as an organic fertilizer in gardens of the Gurdwara. These include a kitchen garden as well. The effects of Bioslurry are visible on vegetables and flower plants. Baba Bhatti says that they have been enjoying the benefits from biogas plant and encourage other people to have this facility in their homes. He used to share the multiple benefits of biogas with visitors and motivated them to contact the BCC for construction of such benefiting plant. 10 of them have contacted BCC and have constructed plants in their homes.



A Billboard of BCC Visible on a Road in Nankana Sahib



A 15m³ Biogas Plant Constructed in the Compound of Gurdwara



Flower and Kitchen Gardens Flourishing with Bioslurry

Baba Bhatti is aware of using biogas to run electricity generators and Peter Engine. He advises PDBP to provide maximum of this opportunity to the farmers to give them relief against the expensive diesel and petrol that is used to run the generators and Peter Engine. He prays for the extension and expansion of the programme to all over the country so that maximum people can avail this facility.