



Don't miss it . . .

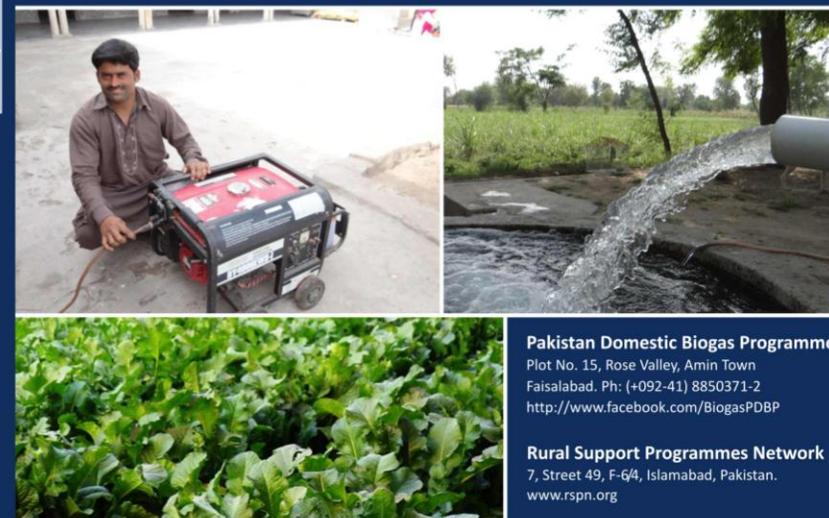
Plant Size	4 m ³	6 m ³	8 m ³	10 m ³	15 m ³	20 m ³	25 m ³
Required Buffaloes / Cows	2 - 3	3 - 4	5 - 6	6 - 7	8 - 10	12 - 14	14 - 16
Required Space	Half Marla	Half Marla	1 Marla	1 Marla	1.5 Marla	2 Marla	2 Marla
Total Price	Rs. 60,800	Rs. 66,710	Rs. 73,200	Rs. 80,240	Rs. 107,290	Rs. 146,860	Rs. 169,455
Subsidy	Rs. 40,000	Rs. 40,000	Rs. 40,000	Rs. 40,000	Rs. 40,000	Rs. 40,000	Rs. 40,000
Payable After Subsidy	Rs. 20,800	Rs. 26,710	Rs. 33,200	Rs. 40,240	Rs. 67,290	Rs. 106,860	Rs. 129,455
Payable with self labour	Rs. 13,200	Rs. 17,910	Rs. 23,600	Rs. 29,040	Rs. 49,290	Rs. 84,860	Rs. 103,455

Quality Control Centers

Faisalabad	0308-520 9513
Sargodha & Khushab	0307-555 1315
Jhang & Chiniot	0307-555 1316
Toba Tek Singh	0307-555 1317
Sheikhupura & Gujranwala	0301-856 7260
Sahiwal & Pakpattan	0301-856 7261
Nankana Sahib & Okara	0302-855 5873



Pakistan Domestic Biogas Programme The Country's Largest Biogas Programme



Pakistan Domestic Biogas Programme
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<http://www.facebook.com/BiogasPDBP>

Rural Support Programmes Network
7, Street 49, F-6/4, Islamabad, Pakistan.
www.rspn.org



Introduction:

Rural Support Programmes Network (RSPN) registered under Pakistan's Companies Ordinance (1984) as non-profit company. RSPN is the largest development network of Pakistan, with an outreach to nearly 32 million rural Pakistanis. RSPN initiated the Pakistan Domestic Biogas Programme (PDBP) in 2009 with the financial support of the Embassy of the Kingdom of the Netherlands (EKN). PDBP is working in 12 districts of central Punjab namely Faisalabad, Jhang, Sargodha, Chiniot, Toba Tek Singh, Khushab, Sahiwal, Pakpattan, Nankana, Sheikhupura, Gujranwala and Okara. Technical assistance is provided by Netherlands Development Organisation (SNV) and Winrock International.

Vision:

PDBP's vision is to foster and support the creation of a commercially viable biogas sector in Pakistan. This programme aims to improve the livelihood and quality of life of the rural population in Pakistan through exploring the market and non-market benefits of domestic biogas. PDBP builds the capacity of local enterprises - the Biogas Construction Companies (BCC) in marketing and supplying (constructing) quality biogas plants to needy and demanding households. PDBP also ensures that the BCCs Provide a four year guaranty and required after sales services on the plants constructed including owner operation and



maintenance training. In doing so PDBP is generating local employment and improving living standard of households. PDBP is providing reasonable subsidy and is offering a price which the client can reduce further by contributing un-skilled labour. By this way PDBP is ensuring the client gets a quality product and has complete ownership.

Gender Mainstreaming:

The Programme promises to provide substantial benefits to women's welfare and empowerment. The project has a clear way forward for increasing the role of women in the project in both supply and demand-side activities. The strategy is based on identification opportunities to involve women as promoters, trainers, community organizers, income-generation facilitators, micro-finance lenders and as integrators of biogas into other social and economic activities.

Registered as CDM project:

In February, 2013 the PDBP has been registered as a CDM Programme of Activity (PoA) with UNFCCC (United Nations Framework Convention on Climate Change). This will allow RSPN to sell Certified Emission Reductions (CERs) to European market and hence enabling PDBP to become sustainable.



Research & Development:

To exploring the benefits of the bio-slurry usage along with chemical fertilizer, PDBP has completed a collaborative research with Ayub Agriculture Research Institute (AARI) and University of Agriculture Faisalabad. And now is transferring the results to the farmers through demonstration plots at farmer's level with assistance of AARI. As per results of research study "The integration of organic source i.e. Bio-Slurry with chemical fertilizer (50:50 on the basis of nitrogen content) gave the similar yield as obtained by the application of recommended dose of chemical fertilizer. The integration of slurry and fertilizer is environment friendly and reduce the cost of production for vegetables".

PDBP advocates bio-slurry application as organic fertilizer that supports nutrients cycles as well as checks soil degradation and erosion. In addition to that, the biogas process is carbon neutral, thus contributing to the global reduction of green house gas emission for better care of nature. Utilizing bio-slurry is the next step towards turning waste into benefits.



Current Status:

- As of August 2014 over 5,000 biogas plants have been constructed in 12 districts of central Punjab
- PDBP has achieved 96% client satisfaction, as indicated by a recent survey
- Over 450 masons have been trained as per international standard to contract quality biogas plants
- Helped in development of 50 Biogas Construction Companies (BCCs) as local level entrepreneurs
- Over 300 tubewells have been switched over to biogas since 2012
- PDBP has begun construction of 50 & 100 cubic meter sized biogas plants for electricity generation

To be continued. . .

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