

E-Newsletter Pakistan Domestic Biogas Programme

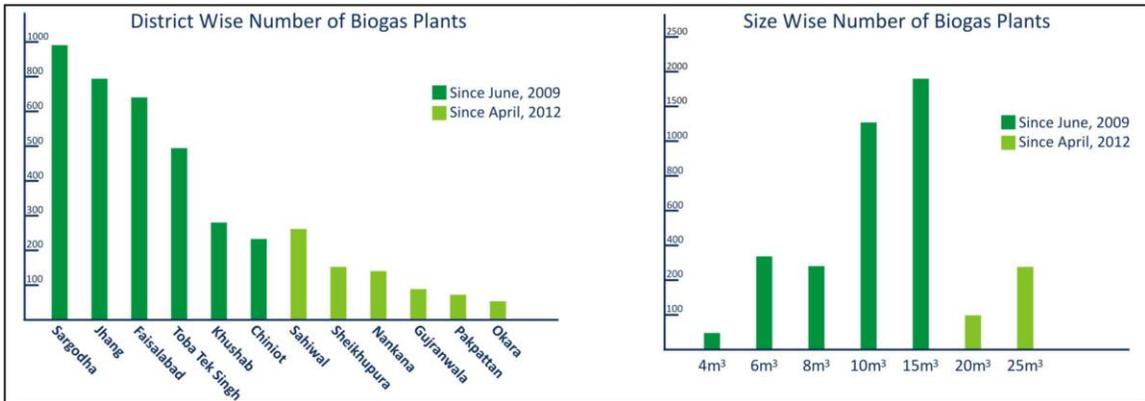
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TO IMPROVE LIVELIHOOD OF THE RURAL POPULATION 4165 BIOGAS PLANTS CONSTRUCTED

Rural Support Programmes Network (RSPN) registered under Pakistan's Companies Ordinance (1984) as non-profit company. RSPN is the largest development network of Pakistan, within and 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, Sargodha, Khushab, Jhang, Chiniot, Toba Tek Singh, Sheikhpura, Gujranwala, Nankana, Sahiwal, Pakpattan and Okara. PDBP has so far completed the construction of 4165 biogas plants within 12 districts. PDBP's vision is to foster and



support the creation of a commercially sustainable domestic biogas sector in Pakistan through exploiting the market and non-market benefits of domestic biogas. The main actors of the sector are Biogas Construction Companies (BCCs) providing biogas plants construction and after sales services to households. Since December 2013 PDBP is providing Rs. 40,000/- per plant subsidy and is offering a price which the client can reduce further by contributing un-skilled labour. R&D on large sized biogas plants for electricity generation along with design modification for cheaper plants and different material is underway. PDBP has now trained over 450 masons and 27 BCCs actively working to construct quality biogas plants in 12 districts of the programme area.

Empowering Women through Biogas Facility

Story of Shahnaz Iftikhar from Sargodha District

Shahnaz Iftikhar was one of the unlucky women from Chak 151-NB, Sargodha, who led her childhood and youth years in the tough and tiring rural domestic life instead of getting education and developing holistically. She had to collect firewood or make dung cakes for cooking food. Her entire childhood and youth went in serving her parents and siblings. After her marriage at the age of 19, her responsibilities got double. She gave birth to two daughters in the first three years of her married life. So she became a wife, a mother, and had many other joint family relations and responsibilities at the same time. She was frustrated due to working most of the day in the kitchen. She had to prepare food for the whole family including her two daughters, burning firewood and dung cakes for cooking. For several times she got sick due to soot of the firewood and dung cakes. She often got severe burns while handling the

burning woods and used to untidy, smoky and got very short times out with her kids. She never get a happy and But at last her prayers

father-in-law; Mr. Khan Shahnaz's health as she smoke-induced grandchildren who unattended by their

Pakistan Domestic (PDBP) and constructed a subsidized cost. This turning point in is totally changed now. of cutting and collecting dung cakes, she is biogas as a cooking Shahnaz says that now working in the kitchen allergic soot, she



the dung for making cakes or to do hard efforts for collecting firewood. She says that the pots and kitchen accessories are totally neat and clean because there is no more ash and soot. The kitchen is neat, clean and hygienic and the ready-fuel has saved a lot of time much. Now she has much time to give her children. She sends her daughter school and feels that her own frustration of being uneducated has vanished away. The health of entire family including her daughters and herself has improved. She considers herself one of the luckiest women in the village and enjoying comforting and happy moments in her married family life.

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spend her day in the unhygienic kitchen. She of the kitchen to spend thought that she would relaxed time in her life. were heard. Her was concerned about was suffering from diseases, and for his were mostly mother. He approached Biogas Porgramme a 10m3 biogas plant on biogas plant brought a Shahnaz's life. Her life Instead of hard efforts firewood and making comfortably using and heating fuel. she has no worries of as there is no sore and hasn't to put hands in

BCCs Review Meeting

The 18th BCCs Review Meeting was held on Wednesday, March 5, 2014 at Hotel Royalton, Canal Road, Faisalabad. The objectives of the meeting included Overview of Quarter Progress, Quality Control, Promotional Material, New Targets, and Registration of the Society for Biogas Promotion (SBP). 26 BCCs Managers and PDBP staff participated in the meeting. A detailed overview was taken on the progress of BCCs during January and February 2014. It was reported that overall 495 biogas plants constructed by BCCs in month of January and February 2014. The target for next quarter was set for construction of 674 biogas plants by PDBP's trained Biogas Construction Companies. It was shared that most of the BCCs had completed their targets but some of them could not do so. BCC Nawaz Shad (Jhang) lead with 154% completion and second best was BCC M. Amin (Toba Tek Singh) with 113% completion of targets. Both of them were appreciated for their progress. Area Manager PDBP Rana Amir Shafique also shared his remarks about the progress of the BCCs to conclude the meeting. He updated recent developments regarding registration of "Society for Biogas Promotion". He encouraged and thanked all participants for their active participation in the review meeting.



Masons Training for Construction of International Standard Biogas Plants

PDBP regularly arranges masons training workshops for selective masons from its programme area to construct quality biogas plants. The 13th Masons Training was held on January 20 to 31, 2014 at Imperial College of Technology, Faisalabad. The objective of the training was to strengthen the supply side of the Biogas Construction Companies by providing trained workforce at local level. During training participants were given orientation on quality standards and they learned importance of quality biogas plants' contraction. They availed opportunity of hands-on-job training to construct biogas plant. They learned all steps of construction of biogas plant which helped them to construct biogas plant as per international standards after training. At the end of training workshop certificates were distributed among the participants.



PDBP's Participation in International Conference "Emerging Horizons of Agri. Extension for Sustainable Rural Development"

The conference was organized by the University of Agriculture Faisalabad in collaboration with Higher Education Commission (HEC) and United State Department of Agriculture (USDA). Area Manager of PDBP presented presentation titled "Role of PDBP in sustainable rural development". RSPN-PDBP was awarded with a plaque of appreciation for its efforts to promote biogas by the Chief Guest of the closing ceremony. The event was attended by over 300 participants from different walks of life including delegates from Australia, China, Greece, Bangladesh, Tanzania, India and Thailand.



DAWN Sarsabz Pakistan Agriculture Expo

PDBP participated as an exhibitor in the DAWN Sarsabz Pakistan Agriculture EXPO held during 13-14 March 2014, at Expo Center Lahore. During the Expo more than 3000 people visited PDBP stall. The visitors were provided with orientation on the programme and IEC material for detailed information. Chief Minister Punjab Shahbaz Sharif was the chief guest of the event. The other visitors included Agriculture Minister Punjab Dr. Farrukh Mahmood, Secretary Agriculture Punjab, Ambassador of the Netherlands Mr. Marcel de Vink, Australian High Commissioner, Mr. Peter Heyward, investors, donors, progressive farmers, farmers associations, farm managers, breeders, agricultural educators, students, development agencies, Government officials and common peoples.



Left to right: Robert Dresen (First Secretary | Head of Economic Affairs of Netherlands Embassy in Pakistan) given orientation on biogas plant. Top view of PDBP stall. Provision of information and IEC materials to the visitors.


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Toba Tek Singh	0307-555 1317
Sheikhupura & Gujranwala	0301-856 7260
Sahiwal & Pakpattan	0301-856 7261
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