



At a Glance of NGF initiatives on Integrated Safe Drinking Water Supply under different Programme

1. Water Tank Supply through PRIME Project

Program Initiative for Monga Eradication (PRIME) Project funded by Palli Karma-Sahayak Foundation (PKSF) and DFID. The primary focus of PRIME is to create wage employment and self-employment opportunities for the monga-affected people to ensure sustainable income throughout the year. The project delivers holistic packages of financial and non-financial services. NGF has been working with PKSF from 2011 as a partner of southwest part of Bangladesh. NGF has been implementing the PRIME Project under Khulna and Satkhira districts covering 9 branch offices.

Considering the high salinity with the scarcity of drinking water, PRIME Project has been implementing water tank supply activities among the group members for ensuring the safe drinking water. Basically, the water tank are using for collecting the rainwater during rainy season. The preserve rain water are uses for each family from 4-5 months. The detail Water Tank Supply activities under PRIME Project are as below;

| Name of Branch Coverage | # of Tank Supply | Loan Size | Water Tank Capacity | Type of Water Tank |
|-------------------------|------------------|-----------------|---------------------|--------------------------------------|
| Gabura | 350 | 8000 | 1000 | Gazi Plastic and Madina Plastic Tank |
| Munshiganj | 275 | | | |
| Kallbari | 1200 | | | |
| Hency | 600 | | | |
| Nowabenki-01 | 75 | | | |
| Nowabenki-02 | 125 | | | |
| Atulia | 80 | | | |
| Koira | 25 | | | |
| Gilabari | 280 | | | |
| Total | 3010 | 24080000 | | |

2. Access to Safe Water for climate victim through CCCP Project initiatives-Ensuring Food Security and Improving Health Condition through the Adaptation to Climate Change Sub-Project-As a part of CCCP, NGF has been working for coastal vulnerable people of Shyamnagar upazila of Satkhira district. Due to the many natural calamities like Aila, Sidr, tidal surge, increasing salinity the land become unfertile and costal people become unemployed and failed to ensure their food security, health condition as well as other livelihood activities. In this circumstances NGF has been working for the improvement of livelihood of coastal vulnerable people of Shyamnagar upazila by implementing 'Ensuring Food Security and Improving Health Condition through the Adaptation to Climate Change' Project under CCCP in active cooperation of World Bank, Bangladesh Climate Change Resilience Fund (BCCRF), and Palli-Karma Sahayak Foundation (PKSF). The project working area is Atulia, Burigoalini and Munshigonj union of Shyamnagar upazila of Satkhira district. There are 62 villages that consist of 110,188 people and 17,877 households in the working area.

Water crisis in the saline prone area is not a new issue. It's a national issue and more than 60% people are suffering from water borne diseases in this area. To minimize water crisis in Atulia union we established one PSF in Mollapara village of Atulia union and another one in Dakkhin Atulia village. Again, safe drinking water is another issue which will be minimize through 02 establishing desalinization plant of this project area. Of these two, one is in operation and another will be established shortly. We established community mechanism for the sustainability of this kind of activities.

| Name of Water Plant | Total No of Plant | Establishment Cost (in BDT) | Per day Production Capacity | Per day Production | Managed by |
|-------------------------------|-------------------|-----------------------------|-----------------------------|---------------------|------------|
| PSF | 2 | 1080000 per plant | 1000 ltr. per plant | 600 ltr. per plant | Community |
| Water Desalinization Plant-RO | 2 | 1500000 per plant | 8000 ltr. per plant | 3000 ltr. per plant | Community |

3. Semi-commercial business initiatives of low cost safe drinking water production & supply through desalinization plant-The project has been financing by PKSF for ensuring safe drinking water for coastal people. The details activities of low cost safe drinking water supply project;

| Name of Water Plant | Total No of Plant | Establishment Cost (in BDT) | Per day Production Capacity | Per day Production | Managed by |
|-------------------------------|-------------------|-----------------------------|-----------------------------|---------------------|------------|
| Water Desalinization Plant-RO | 2 | 4400000 | 8000 ltr. per plant | 5000 ltr. per plant | NGF |

Marketing System- NGF has been developing safe water distribution network through entry point establishment and dealer development considering the scarcity of water. The NGF initiatives is a semi-commercial business approach for easy access to safe water by low cost price for coastal people.

4. Multipurpose Over Tank Pipeline Water Supply Project- With the effective collaboration among NGF and RDA, The project has initiated and technically supported by Rural Development Academy(RDA), Bogra for ensuring the supply water to the common people of Atulia Union under Shyamnagar. The details multipurpose over tank pipeline water supply project activities at a glance;

| Name of the Plant | Establishment Cost (in BDT) | Water Capacity (in Ltr.) | Total Client | Price per Ltr. | Billing System |
|--|-----------------------------|--------------------------|--------------|----------------|----------------|
| Multipurpose Over Tank Pipeline Water Supply | 4400000 | 30000 | 300 | .04 | Meter Reading |

