

Integrated Development Organization (IDO)

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Community Impact Story on Rain Water Harvesting System at Household Level

Access to water and sanitation is human rights, vital to the dignity of all people (UN 2022). But it is still far to fulfill in Bangladesh as it is an adverse climate affected areas. Bangladesh 8th fifth years plan, Bangladesh perspective plan, Bangladesh Delta Plan 2100, and Sustainable Development Goals are emphasizing climate change and adaptation related to safe water and sanitation movements. Among the most adverse affected areas Koyra and Paikgancha upazila under Khulna district is one of the most vulnerable. People are suffering a lot due to safe drinking water at their daily life.

Rahima Khatun, 45, a housewife from Goarikhali village under Paikganch upazila of Khulna district and her family in consisting 6 members and daily need on average 30 litter of safe drinking water and in pervious time she had collected it from two kilo meters distance from her house and it takes almost 2 hours' time. Sometimes she did not able to collect it and in that they used to nearby pond water which was totally contaminated. They used to become sick very often and had to pay a lot of money for treatment and medicine purposes. On the other hand they had to quarrel and resulting became victim of gender based violence with her husband as she was not able to make sure food to the family members in due time. It was very complicated life for them.

After then, in the year of 2022 Rahima Khatun has installed a rainwater harvesting plant within her household with the support from Integrated Organization (IDO) which is in built Reverse Osmosis (RO) system and run by solar power. Now, Rahima is used to rainwater from her house which is delivery pure safe drinking water for her family and now get it easily. Now, she has no panic to collect water from a long distance. They have make sure safe water for their family members and anyone can collect it in any time. So, they are very happy to use the safe drinking water at their door step. There is no gender based violence at their family and now very happy of all the family members.



Rahima thanks to the IDO that for installing a rainwater harvesting plant which make sure her daily safe drinking water at her daily life and technical support and maintenance it in properly.

Here it is mentioned that, IDO is a nongovernmental Organization and working since 1993 at the southern coastal belt areas of Bangladesh. Since its inception, it has been working on water, sanitation and hygiene issues for the most climate affected communities aiming to ensure safe water, improved sanitation and good hygiene practices.

Finally, our proposed project name is PANI that means Promoting Access to New Initiative and it will be implemented in the 10 unions of Paikgancha and Koyra upazila under Khulna district which are most climate change adverse affected areas of Bangladesh. So, we think that Zayed Sustainability Prize is a promising fund to overcome the said community challenges through our proposed water options the people who have no access to safe drinking water due to salinity.

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