

Access to safe drinking water for the climate vulnerable people in coastal belt of Bangladesh

Palli Karma-Sahayak Foundation (PKSF)
Bangladesh





Proposed Project

Project Purpose:

Enhanced ability of coastal communities to get access to safe drinking water, which are polluting further by the negative impacts of climate change.

Major of Activity:
Installation Reverse Osmosis (RO)
plants for safe drinking water.







Nature of the Project

It is a locally led adaptation project

- Local-driven water-user groups.
- Locally-maintainable technologies.
- Managed by local people.
- Operated by local people.
- Maintained by Local people.
- Involved various groups and stakeholders, such as women, youth, other age groups and ethnic groups.
- Technological and social innovation.



Challenges and ways forward:



Challenges

Community participation and ownership

Equality in Access to water

Willingness and ability to pay for water

Sustainability

O&M of **RO** Plant

ways forward

Ensure community's physical and financial contribution. Community involvement in plant operation and maintenance.

Involvement in decision making process.

Special arrangement for the hard core poor, vulnerable, aged, physically challenged, pregnant and women.

The price of water fixed by community consultation considering purchasing power of vulnerable group.

Formation of Community O&M Committee, involve the local administrative authority and Philanthropist

Provide operational and maintains training to the operator



Lessons form the proposal

Proposal Development Community involvement in project preparation is crucial.

Plant Maintenance Dedicated and technically sound human resources are needed.

Community Mechanism Community ownership is vital for smooth operation of plant.

Adoption of ESMF Frameworks

- 1. Environmental impacts need to be considered.
- 2. Interventions are localized and demand-driven.

Sustainability

For long-term sustainability, it should promote the concept of social entrepreneurship.





Thank You