

## Resilient Homestead and Livelihood Support to the Vulnerable Coastal People of Bangladesh (RHL) project

### Creating Resilient Livelihoods through Crab Farming

As a climate smart technology Crab farming holds strong potential in saline coastal areas of Bangladesh but remained untapped due to limited awareness, high infrastructure costs, and persistent risks from natural disasters and disease. To bridge this gap, the “Resilient Homestead and Livelihood Support to the Vulnerable Coastal People of Bangladesh (RHL)” project implements a structured intervention designed to turn vulnerable coastal communities into self-reliant crab producers. The RHL project empowers marginalized communities through providing technical capacity building, financial support and continuous guidance.

By combining expert technical guidance with accessible finance, the RHL project has significantly reduced crab mortality rates and boosted household incomes. This initiative does more than just create an alternative income source; it fosters climate resilience, allowing coastal families to adapt to a changing environment while achieving long-term economic independence.

### Yeanur Begum Turns Loss into Lasting Strength through Crab Farming

“ The river took away my home, but it could not wash away my dreams. Today, I stand on my own feet as a successful crab farmer, carrying my family forward with strength, confidence, and hope. ”



Yeanur Begum at her crab farm

Life along the banks of the Meghna River rarely offers certainty, and Yeanur Begum knows this truth all too well. A resident of Bhola, she lost her home and belongings to relentless river erosion and was forced to start over with her husband, Rafiqul Islam, and their two sons. Displacement stripped the family of stability and income, often leaving them unsure of their next meal. For a long time, survival meant enduring one difficult day after another, until the “Dhorola Jolbayu Ovijojon Dol (Climate Change Adaptation Group – CCAG)” under the RHL Project opened a door she never imagined walking through.

Near Yeanur’s new shelter lay a 20-decimal abandoned pond, long ignored and known only as a breeding ground for mosquitoes. With guidance from the project, she dared to see possibility in that stagnant water. Selected for a crab fattening demonstration, Yeanur received a grant of BDT



30,000 and added her own savings, raising her total investment to BDT 85,100. Training in scientific crab farming slowly replaced fear with confidence, and careful management turned effort into results. Within a few months, her farm generated total sales of BDT 126,000 and a net profit of BDT 40,900. The income brought relief, food security, and the promise of education for her sons, along with something equally important—self-worth. Her success soon echoed through the community, inspiring other women



and transforming a neglected pond into a source of pride for the village.

Looking ahead, Yeanur plans to reinvest her earnings, expand her crab farming, and adopt more climate-resilient techniques. The CCAG leadership now points to her journey as proof that women can lead resilient livelihoods, while neighbors take pride in how a once-forgotten pond became a symbol of progress.

To reduce the climate-induced vulnerability of the most vulnerable coastal communities and to enhance their resilience, PKSf is implementing the RHL project in seven coastal districts in Bangladesh. The adaptation practices include climate-resilient homesteads, saline-resilient livelihood practices, e.g. integrated fruit-fish-fibre (crab farming) farming, slatted houses for goats or sheep rearing, saline-tolerant vegetable cultivation, and storm-resilient tree plantations.

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