

Project Description

Coastal communities along the **Volta Delta in Ghana** face compounding issues of coastal erosion, deforestation, seawater intrusion into aquifers, fishery depletion, and poverty.

Unsustainable livelihoods meet short-term needs but compromise the long-term sustainability of the surrounding ecology & of the peoples' communities. For many the situation is already dire; entire villages have washed into the ocean, forcing displacement and engendering conflict.

In **partnership with local communities** Regenerative Resources Co (RRC) is developing a strategy to reverse these trends, create regenerative economies that bolster ecological rehabilitation, and restore deforested areas to ecological health. This will involve growing thousands of hectares of mangroves on deforested areas, and establishing seawater agroforestries to create a new circular, regenerative economy.

In phase 1 of this national Ghana program, RRC will secure **7000 hectares of degraded landscapes in the volta delta region**, reforest approximately *6000 hectares through natural forest regeneration & targeted planting*, and establish *1000 hectares of regenerative seawater agricultures*, with a goal of growing 25,000,000 mangroves throughout. We estimate this will sequester 6-8 million tons of carbon, create hundreds of local jobs, eliminate the short-term needs for deforestation, and create the economic space needed to give fisheries rest and allow for their rehabilitation.

This program will be financed through carbon crediting & the development of Certified Emissions: Reductions certificates (CERs) or similar after the redesign of the Article 6 of the Paris Agreement at COP26. Each project within the program will **strengthen the permanence and additionality of the greater ecological actions**, and **reinforce incentives for local people** to be stewards of these lands, rather than to be the source of their degradation. The establishment of commons-based resource management, apicultures, regenerative aquacultures, and agroforestries, will lay the foundation for wide-spread ecological restoration in the region and the establishment of a new circular, regenerative economy.