

Mangrove Restoration Project: Oceanium-Sen

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The background

Senegal has about 185,000 hectares of mangrove estuaries of Casamance and Sine Saloum. 45,000 hectares of mangroves since the 70s, a quarter of the total area, following the droughts of the 70s and 80s, but also due to reduced freshwater flows entering watershed due to development of upstream agriculture, deforestation of mangroves for firewood and construction, and infrastructure of anti-salt dams and roads blocked exchanges coastal saltwater / freshwater. [Read more](#)

The project

The project is to accelerate the resettlement of mangroves in areas where it does not happen spontaneously, by planting mangrove species of *Rhizophora* in dangerous areas. This is because of the return of a cycle of more rainfall. The restoration of an ecosystem producing fishery resources (fish, shellfish) and wood is the main benefit expected.

Social and environmental impact

The association oceanium is active since the late 90s in defense of the marine environment, the management of artisanal fisheries and in the creation of marine protected areas. It started replanting of mangroves in 2008, of 173 hectares. With support from Danone and now Livelihoods Fund, it increased to 1,700 hectares in 2009 and 4900 hectares in 2010 and 2011 with a carbon potential of 0.36 million for 20 T_{eq}CO₂. End 2012, the initial target of 6,000 ha was exceeded to reach 10,000 ha of mangroves replanted in an exceptional level of social mobilization (350 villages involved, 200,000 people).

Level of validation

The project was validated by the UNFCCC Board. The approval of the Senegalese authorities (LoA) was obtained in March 2011. This approval is subject to a tripartite Memorandum of Understanding of 10 years between Livelihoods, oceanium and the Senegalese government. The validation of the project under VCS (Voluntary Carbon Standards) is scheduled for end 2013.

Features

Biome: Mangroves

Location: Casamance and Sine Saloum, Senegal

status: Active

Resources

External

link: <http://www.livelihoods.eu/casamance-senegal.html>

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