

Suriname



Mangrove Restoration

| | |
|--------------------------------------|---------------------------------|
| Implementing partners | Klimat X Developments Inc. |
| Location | Suriname |
| Project Type | Tidal Wetland Restoration |
| Operational scale | 5,000+ Ha |
| Timeframe | 30 Years |
| Cumulative Carbon Credits Estimation | Up to 3.6 MM tCO ₂ e |
| Cumulative Revenue Estimation | US\$118 MM |
| Estimated Credits per year | 120,000 tCO ₂ e |
| Estimated IRR | 18% |



The Challenge

Suriname's mangrove ecosystems play a critical role in provision of key ecological services such as protection against shoreline erosion, habitats for marine wildlife, and nurseries for coastal fisheries. Mangroves also play a significant role in fighting climate change because they can sequester a great amount of blue carbon and are effective in protecting the low-lying coastal land from severe climate events.

However, due to factors such as high population density on the shoreline and unsustainable land use, the mangrove ecosystems are prone to degradation and deforestation. As a result, some coastline settlements in Suriname have been suffering the severe impacts from erosion and flooding events. The loss of these natural eco-systems has a negative impact on native species of plants and animals, local communities, and local climate conditions.

Nature Based Intervention

The ecosystem being restored is mangrove, a coastal, tidal wetland ecosystem consisting of trees and shrubs. By working directly with local communities, governments, and other stakeholders, the project will improve human wellbeing and will contribute significantly to re-establishing the local micro-climate and ecological environment to optimal conditions.

The project will be validated and verified under the VCS and CCB standards. Restoration actions will require hydrological rehabilitation, topographic reconstruction, and reforestation. The Project activity will result in GHG emission removals and help to restore biodiversity and other ecosystem services, whilst the resulting climate finance will safeguard livelihoods and improve the well-being of the people in the local communities.

Achievements

Project Description (PD) is under development. First planting is expected to begin in 2024.

Contact

For more information about Klimat X Developments Inc. and our projects, please visit www.klimatx.com

Phone: 1-778-373-3736

Email: investors@klimatx.com

Note: Investors are cautioned that the forward-looking estimations in this document are based on management assumptions and forecasts and are not guarantees of future performance. Actual results could differ materially from those currently anticipated due to many factors.