



Guinea Kounki Project – Climate resilience, food security and fisheries

GCA through AAAP is partnering with the World Bank to strengthen climate adaptation in the Guinea Kounki Project - Climate resilience, fisheries and aquaculture. The Project aims to strengthen livelihoods and climate resilience for fishing and aquaculture communities and improve the sustainability and productivity of fish production systems by scaling-up activities for sustainable fisheries management and small-scale fisheries value chains. The project will also address governance, institutional capacity, and infrastructure needs to improve sustainability, productivity, and long-term resilience of the fisheries and aquaculture sectors.

Adaptation Need

The coastal regions of Conakry, Kindia and Boke are highly vulnerable to climatic extremes and risks, including flooding, rising temperatures and sea-level rise, which impact fish habitat and yield. Sea level is projected to rise by 80cm by 2100, threatening to inundate Guinea's coastal marshlands – the fish breeding grounds – and communities, potentially reducing fisheries productivity by up to 25 percent. This would significantly impact the livelihoods and food security of coastal populations. The estimated cost of climate adaptation inaction in the fisheries sector and other sectors will exceed US\$4 billion by 2025.

GCA's Added Value

While the Guinea Kounki project advances critical objectives to strengthen climate resilience of fishing and aquaculture communities, GCA added value is to strengthen the integration of climate change considerations into fisheries and aquaculture management. During project design, GCA collaborated with the World Bank to strengthen the adaptation scope of the project through robust assessment of climate risks of Guinea's coastal ecosystems, generating evidence base to inform the selection of suitable nature-based adaptation solutions. GCA is also set to evaluate the feasibility of early warning systems in coastal communities and develop practical tools for Marine Protected Area management — such as pre-defined terms of reference to guide effective management of coastal ecosystems developed. These outputs will help Guinean authorities to effectively implement the project and contribute to resilience of the coastal and fisheries communities.

Total Investment Value Influenced

\$128.00M

Beneficiaries

65,000 people

IFI Implementation period

2025 - 2031

Program

Food Security

Partners

World Bank, Government of Guinea, Agence Française de Développement (AFD)

Status

In progress

Countries



SDG contribution



PROJECT GOALS

Mainstreaming Adaptation and Resilience

To enhance coastal resilience and bolster climate adaptation within Guinea's coastal ecosystems, GCA has recommended to the World Bank a set of activities aligned with Nature-based Solutions integrated into the project's design. These included restoring degraded mangrove areas (e.g. re-establishing hydraulic continuity in former abandoned rice fields), rehabilitating wetlands to promote natural water regulation and biodiversity, and reforestation. To facilitate the selection and integration of suitable digital climate advisory services into the Guinea Kounki Project, GCA will conduct training sessions and stakeholder engagements to bolster institutional capacity. Additionally, GCA will develop practical tools to help government authorities effectively implement and manage climate adaptation strategies throughout the project's implementation.

Expected Project Outcomes

Supported Restoration of coastal ecosystems through Nature-based solutions.
Strengthened institutional capacity via targeted training and stakeholder engagement on early warning systems services.

Actionable implementation tools—such as pre-defined terms of reference to guide effective management of coastal ecosystems developed.

TIMELINE

GCA Support Status

Technical Assistance Preparation

GCA Support Implementation

June, 2025

GCA Support Completion

Monitoring

Project Investment Value

Total Investment Value
\$128.00M

IFI INVESTMENT VALUE

\$100.00M

OTHER INVESTMENT
VALUE

\$28.00M

IFI partners

World Bank
Partners



Agence Française
de Développement
(AFD)

Government of
Guinea

CONTACTS

GENERAL MEDIA INQUIRIES

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REQUEST FOR INFORMATION

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