



GLOBAL
CENTER ON
ADAPTATION

AFRICA ADAPTATION ACCELERATION PROGRAM



DOUBLING DOWN ON ADAPTATION IN AFRICA

Africa will only reach its potential by adapting to climate change. Yet climate finance – which is necessary to underpin wider development goals – remains in critically short supply. The Global Center on Adaptation's (GCA) *State and Trends in Adaptation Report 2023* highlights **an annual adaptation financing gap of US\$41 billion for African countries**. COP28 in Dubai made breakthrough agreements on the targets and framework for the Global Goal on Adaptation while reminding us of the urgent need to **double adaptation finance by 2025**.

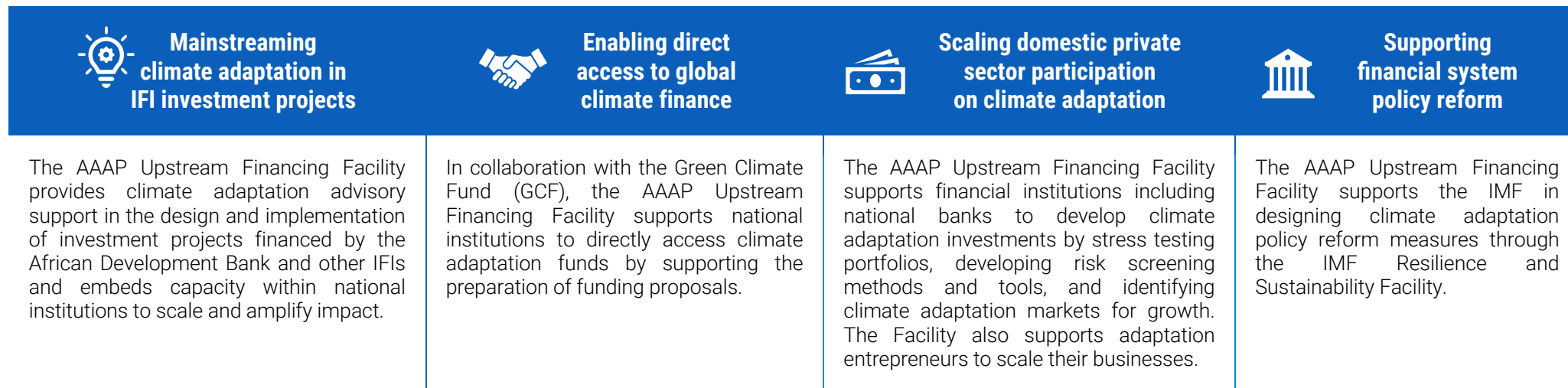
The Africa Adaptation Acceleration Program (AAP) is Africa's response to the impacts of the climate crisis. Co-designed between the African Development Bank (AfDB) and GCA, and endorsed by the African Union (AU), the initiative is **climate proofing \$25 billion worth of investments to accelerate climate change adaptation by 2025**.

Since its launch in January 2021, GCA's technical adaptation support under the AAP Upstream Financing Facility is delivering results for the continent's most vulnerable people. In partnership with governments, academia, community-based organizations, and international financial institutions (IFIs), **GCA has helped shape over \$10 billion in investments financed by International Financial Institutions (IFIs) that will build climate resilience for 63 million climate-vulnerable people in 37 countries**.

In partnership with the International Monetary Fund (IMF), GCA is supporting policy and sector reforms for adaptation through the IMF's Resilience and Sustainability Facility (RSF). By fostering alliances between private corporations and African financial institutions, **GCA is also helping to scale investments in adaptation through the GCA Global Business Adaptation Alliance in partnership with the World Economic Forum (WEF).**

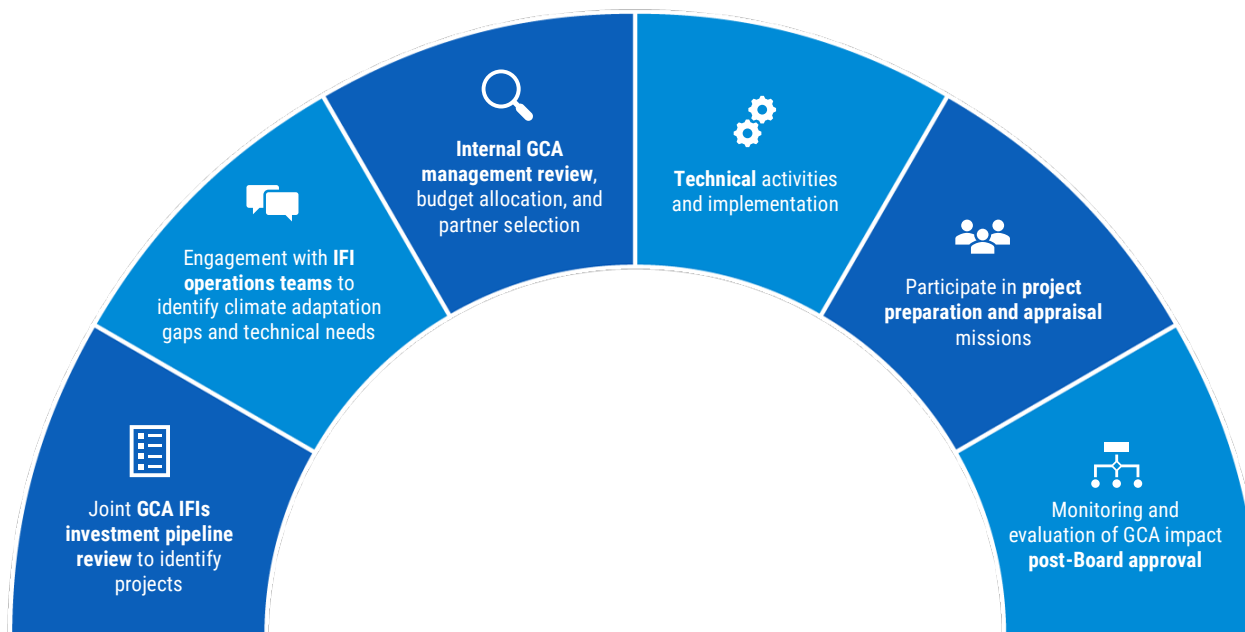
AAAP UPSTREAM FINANCING FACILITY OPERATING MODEL: SCALING CLIMATE ADAPTATION SOLUTIONS

GCA collaborates with key IFIs, including the African Development Bank, the World Bank, and the IMF, and partners to achieve climate adaptation solutions at scale, leveraging investments through the following areas:



HOW GCA WORKS WITH IFI PARTNERS TO SHAPE ADAPTATION INVESTMENTS

GCA and its implementation partners support the mainstreaming of climate adaptation components into the projects of multilateral development banks and other public and private development finance institutions.



LEVERAGING MILLIONS TO INFLUENCE BILLIONS

Through the AAAP, GCA and the African Development Bank are climate proofing \$25 billion worth of investments by 2025 to accelerate climate adaptation in Africa and fulfil the UN Sustainable Development Goals in the following four interlinked priority areas:

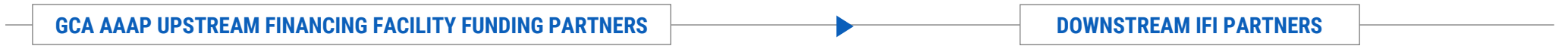
- 1. Food Security:** The goal is to shape at least **\$10 billion** in investments for climate-smart agriculture and resilient food systems for **38 million farmers and herders in 26 African countries**.
- 2. Infrastructure and Nature-Based Solutions:** The goal is to mainstream innovative climate resilience solutions, including nature-based solutions, into **\$12 billion** worth of investments in infrastructure for water, transport, energy, and urban systems. This will ensure climate-resilient infrastructure assets and services for **100 million people**.
- 3. Youth Entrepreneurship and Adaptation Jobs:** The goal is to support **one million young people** with entrepreneurship skills and create **five million adaptation jobs** through IFI investments worth over **\$2 billion**.
- 4. Adaptation Finance:** The goal is to unlock access to **\$1 billion** in climate adaptation finance. This will be achieved through the design of innovative public and private financial instruments and solutions that include structuring resilience bonds and debt-for-resilience swaps, influencing IFI investments for the financial sector, and by developing mechanisms for designing bankable adaptation investments and monetization of relevant adaptation benefits.

The AAAP is supported by its **Upstream Financing Facility**, which GCA manages. The Facility supports African countries and financing institutions by bringing the best knowledge, science, and practice to the development of climate adaptation projects. It finances the work of GCA and its implementation partners – many of them African institutions – to design and mainstream climate adaptation and resilience into the projects of IFIs, multilateral development banks, and other public and private development finance institutions. Through the Upstream Financing Facility, GCA also supports research, monitoring, knowledge-sharing, capacity-strengthening, and policy support – activities which drive transformational climate adaptation initiatives within countries while at the same time mobilizing adaptation finance for the whole continent.

Since its launch in January 2021, the AAAP Upstream Financing Facility has shaped \$10 billion in investments financed by the African Development Bank and other partners – including the World Bank – that strengthen resilience for over 63 million people. One dollar invested in the AAAP Upstream Financing Facility helps climate proof \$100 worth of investments to bring the most effective climate adaptation solutions to Africa.



AAAP UPSTREAM FINANCING FACILITY RESULTS AND EXPECTED IMPACT



GCA AAAP UPSTREAM FINANCING FACILITY FUNDING PARTNERS

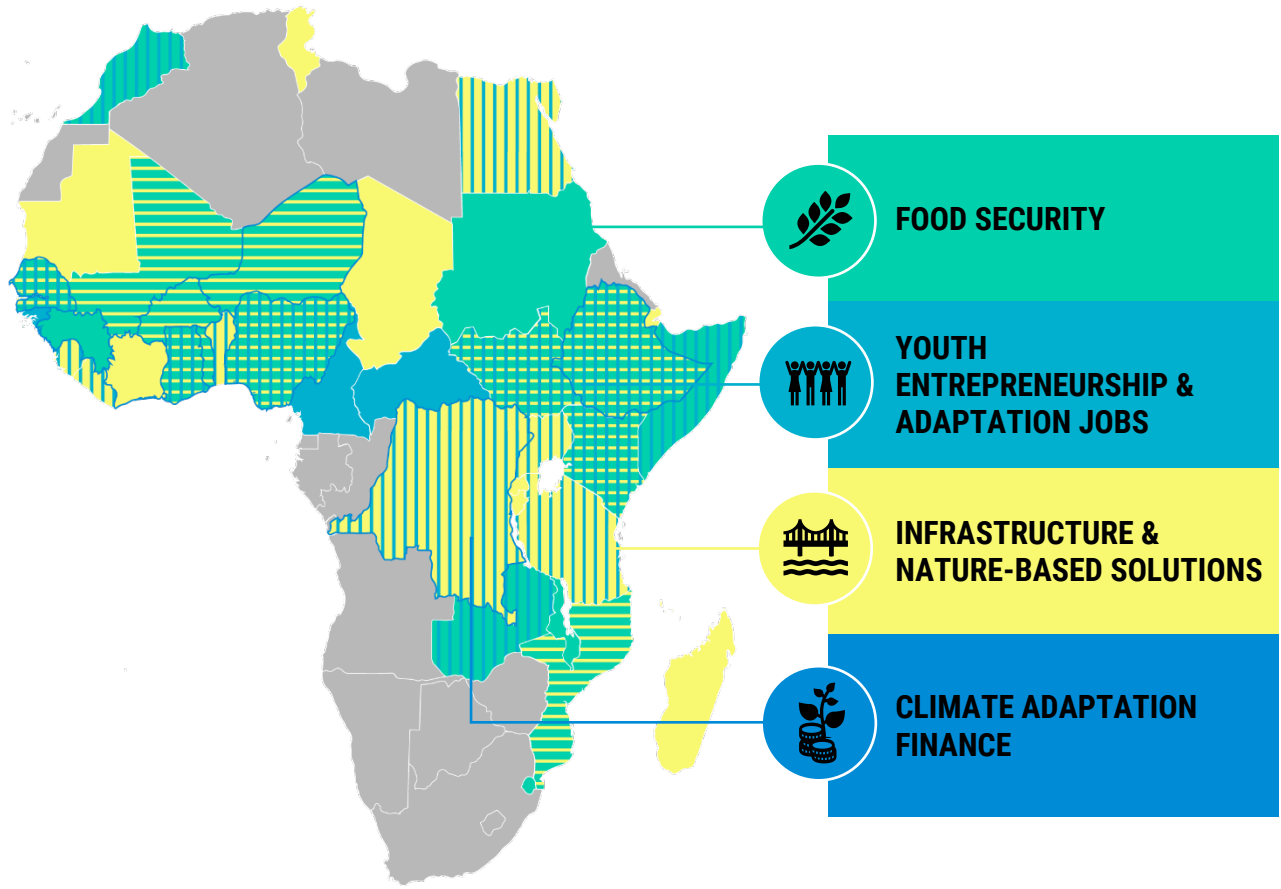


DOWNSTREAM IFI PARTNERS



AAAP UPSTREAM FINANCING RESULTS AND EXPECTED IMPACT PER PILLAR

Over less than three years the AAAP Upstream Financing Facility has achieved the following results and expected impact in each priority area.



Investments Influenced	Countries Worked In	Expected Number of People Benefitting
\$3 billion	29	16 million
\$1.3 billion	12	1 million
\$5.6 billion	24	46 million
\$0.3 billion	14 Direct Access Entities in 10 countries supported to enable direct access to global climate finance	



Program to Build Resilience for Food and Nutritional Security in the Horn of Africa



GCA is supporting **the \$226 million Program to Build Resilience for Food and Nutritional Security in the Horn of Africa**. Financed by the African Development Bank, this investment program’s goal is to improve peace and security in the region by enhancing resilience to climate shocks. This reduces conflicts that arise from climate-induced resource competition. It also enhances food security and living conditions in six countries in the Horn of Africa.

Under this project, GCA is partnering with the Alliance of Bioversity International and the International Center for Tropical Agriculture (CIAT) to **provide technical assistance. This includes developing toolkits and building capacity in Kenya and Djibouti, leveraging the most promising digital technologies** to build the resilience of smallholder farmers. These toolkits will, in turn, influence the wider AfDB investment, which also covers Ethiopia, South Sudan, Sudan, and Somalia.



INVESTMENT VALUE INFLUENCED BY GCA
\$226 million



EXPECTED NUMBER OF PEOPLE BENEFITTING
3 million people
in the Horn of Africa



IMPLEMENTATION PERIOD
2022-2026

KEY PARTNERS



GCA’S ADDED VALUE

GCA’s technical assistance and support include:

- Identifying key agriculture adaptation constraints that can be addressed by digital technologies and developing solutions
- Assessing conditions and opportunities for digital applications for drought index insurance
- Identifying opportunities for digital agricultural adaptation solutions by preparing climate risk and digital agriculture profiles
- Supporting stakeholders to identify and implement opportunities through a digital agricultural adaptation toolkit
- Building the capacity of policymakers to ensure uptake of digital solutions using the toolkit
- Engaging with the African Development Bank and beneficiary countries to support the feasibility study and technical design of Digital Climate Advisory Services in three countries.

EXPECTED OUTCOMES

Through this investment project, the following outcomes are expected:

- 1.3 million farmers and pastoralists using climate services where 15 million livestock are benefiting
- 30% increase in agricultural productivity with 30% increase in annual income
- 30% increase in uptake of climate risk financing and insurance solutions
- 55,000 jobs created for youth and women
- 170,000 hectares cultivated using digital climate-enabled solutions



In Nigeria, **GCA is supporting the World Bank's \$500 million Livestock Productivity Resilience Support project.** The investment project's goal is to **improve the productivity of the livestock value chain for over 1.4 million people to mitigate key drivers of farmer-herder conflicts** in selected states in Nigeria. The project is achieving these outcomes by increasing livestock productivity, improving food and nutrition security, encouraging income growth, and building social cohesion among communal groups. These measures will help ensure greater livestock resilience and minimize environmental degradation and emissions from the sector.

GCA is providing **technical assistance to ensure the investment incorporates climate risk considerations and relevant digital solutions** for adaptation in the livestock chain in Nigeria. GCA is conducting climate risk assessments to promote an understanding of the enabling environment and its capacity for adaptation so that interventions are well-targeted and contribute to the overall resilience and food security of the local population. GCA is using the AAAP Smallholder Adaptation Accelerator, an analytical tool to help influence decision-making around adaptation, to integrate digital climate services into the investment project.



**INVESTMENT VALUE
INFLUENCED BY GCA
\$500 million**



**EXPECTED NUMBER OF
PEOPLE BENEFITTING
1.43 million people
in Nigeria and
45 million livestock**



**IMPLEMENTATION PERIOD
2022-2028**

KEY PARTNER



THE WORLD BANK
IBRD • IDA

GCA'S ADDED VALUE

GCA's technical assistance and support include:

- Assessing climate risk and incorporating digital solutions for adaptation in the livestock sector into the project's design
- Identifying opportunities, constraints, and entry points for investments to promote climate adaptation across livestock value chains
- Establishing an inventory of existing and viable digital tools and climate-smart digital agriculture solutions and platforms that are applicable to the livestock sector
- Developing a micro-region rural risk typology to establish a climate risk map of smallholder livestock in the country

EXPECTED OUTCOMES

Through this project the following outcomes are expected:

- Supporting 45 million livestock benefiting from digital climate adaptation solutions, supporting 1,430,000 individuals
- 200,000 farmers adopting improved agricultural technologies (50% female).
- 150,000 hectares of grazing area transitioned to sustainable land management practices.
- 60 livestock infrastructure systems rehabilitated with climate and disaster-resilient practices
- 150,000 farmers adopting climate smart technologies



FOOD SECURITY PROJECT EXAMPLES



Ethiopia Food Systems Resilience Program

GCA is working with the World Bank Group to build the climate resilience of food systems in Ethiopia under the **\$600 million Ethiopia Food Systems Resilience Program**. The objective of this investment project is to increase the resilience of Ethiopia's food systems and the country's preparedness for food insecurity. The project is active in nine regional states and two city administrations in Ethiopia, and focuses on cereals, pulses, horticulture and coffee, oil seeds, and livestock value chains. The project improves the enabling environment for food system resilience, develops the food market, ensures that small-scale irrigation development and management is resilient, and promotes transformative agricultural services and innovation systems.

In collaboration with the International Maize and Wheat Improvement Center (CIMMYT), GCA is providing **technical assistance and support for project implementation in priority agricultural value chains to complement and climate-proof the program investments**. GCA's support includes focusing on deploying digital adaptation tools to address climate risk.



**INVESTMENT VALUE
INFLUENCED BY GCA**
\$600 million



**EXPECTED NUMBER OF
PEOPLE BENEFITTING**
4 million households
in Ethiopia



IMPLEMENTATION PERIOD
2023-2029

KEY PARTNERS



GCA'S ADDED VALUE

GCA's technical assistance and support include:

- Mapping 14 priority value chains identified by the World Bank Group and Ethiopia to assess climate risks for smallholders in crop/livestock sub-sectors
- Assessing opportunities and constraints related to deploying digital adaptation tools to address issues identified in the value chains.
- Further developing and updating the Ethiopian Digital Agro-climate Advisory Platform and testing the extended platform for priority use cases
- Providing recommendations for policy and investment to scale up
- Conducting an ex-ante analysis of the required investment to deploy the services

EXPECTED OUTCOMES

Through this investment project, the following outcomes are expected:

- 2.4 million farmers adopt resilience-enhancing technologies and practices (30% female)
- 15% reduction in food-insecure people in program-targeted areas
- 20% increase in yields of targeted crops in targeted households.
- 25% increase in volume of agricultural products sold.



**INVESTMENT VALUE
INFLUENCED BY GCA
\$223 million**



**EXPECTED NUMBER OF
PEOPLE BENEFITTING
3.5 million citizens
from bordering inhabitants**



**IMPLEMENTATION PERIOD
2023-2027**

KEY PARTNERS



In Kenya, **GCA is supporting the \$223 million Kenya-South Sudan Link Road Upgrading Project financed by the African Development Bank.** The investment project is upgrading critical sections of the Kenya to South Sudan road corridor, which forms a critical trade route between Kenya and South Sudan.

The project focuses on the Lesseru–Kitale (55km) and Morpus–Lokichar (138km) sections of the corridor. The corridor interconnects Kenya and South Sudan across the Rift Valley, Kenya's most populated province and a food basket for the country, producing maize and other crops. Improved connectivity will promote uninterrupted trade and communication between Kenya and South Sudan, boost export-oriented agricultural development, and contribute to the economic and social empowerment of the local population.

GCA is providing **technical assistance to integrate gray and green climate adaptation solutions into the road project, with a focus on climate-informed operations and maintenance and nature-based solutions.** Climate risk analysis and climate adaptation option identification are coordinated with project stakeholders. This includes the African Development Bank, Kenya National Highway Authorities, and Kenya Forest Service. GCA's intervention is providing actionable options to improve the corridor's resilience to climate change and inform technical standards for design and assets management at the national scale.

GCA'S ADDED VALUE

GCA's technical assistance and support include:

- Assessing such key climate hazards as extreme heat, flooding and landslides; and quantifying associated risks to planned transport assets, which amount to be approximately \$71.5 million/year in 2050 for the mean RCP8.5 scenario
- Identifying and appraising relevant adaptation and resilience options with potential value addition ranging from \$1.3 to \$8.7 per dollar spent on these solutions
- Strengthening capacity through the University of Nairobi to mainstream resilience for transport infrastructure planning, design, and operations

EXPECTED OUTCOMES

Through this project the following outcomes are expected:

- 193 kilometers of resilient, refurbished road
- 500 additional traders (60% women) utilizing improved market facilities
- 7,200 direct jobs created (30% women)
- The development of a Kenya–South Sudan Trade Facilitation Strategic program



Liberia Urban Resilience Project



**INVESTMENT VALUE
INFLUENCED BY GCA
\$40 million**



**EXPECTED NUMBER OF
PEOPLE BENEFITTING
200,000 people**
(50% women) in Greater
Monrovia, Buchanan,
Gbarnga, and Ganta



**IMPLEMENTATION PERIOD
2022-2028**

KEY PARTNERS



THE WORLD BANK
IBRD • IDA



GCA is supporting **Locally Led Adaptation efforts to inform the design of the World Bank's \$40 million Liberia Urban Resilience Project** in Greater Monrovia and three secondary cities (Buchanan, Gbarnga and Ganta). The investment project will increase flood resilience and access to urban infrastructure in vulnerable informal neighborhoods. It is enhancing the climate resilience of these communities. Concurrently, the project is strengthening municipal and institutional capacities in Liberia, improving integrated urban management.

GCA is **providing technical assistance to the project by integrating community-driven design into the climate risk profiling and enumeration process in urban informal settlements of Greater Monrovia and the three secondary cities**. This is achieved by developing a community engagement strategy and offering suggestions on integrating community involvement at key points in the project cycle.

GCA'S ADDED VALUE

GCA's technical assistance and support include:

- Community-driven risk profiling and enumeration of neighborhoods in Northern Bushrod and South-eastern Paynesville
- The development of a community engagement strategy to guide World Bank-financed climate adaptation projects, based on prior community-driven enumeration efforts

EXPECTED OUTCOMES

Through this project the following outcomes are expected:

- Integrated understanding of climate hazards and risks in 15 communities in Southern Paynesville and 37 in Northern Bushrod Island in Monrovia, informing project implementation
- Strengthened capacity for Government of Liberia staff to engage with local communities on adaptation issues and conduct community-driven risk enumeration and profiling.
- 200,000 people benefiting from improved urban infrastructure
- 340 hectares of area protected from flooding



Kampala-Malaba Metre-Gauge Railway Refurbishment Project



INVESTMENT VALUE INFLUENCED BY GCA
\$413 million



EXPECTED NUMBER OF PEOPLE BENEFITTING
2 million people, including about 480,000 women



IMPLEMENTATION PERIOD
2022-2027

KEY PARTNERS



GCA is working with the African Development Bank, Uganda Railways Corporation, and the World Wide Fund for Nature (WWF) on **climate-proofing critical upgrades to the Kampala-Malaba Meter-Gauge Railway in Uganda**. The goal of GCA's technical support is to reduce climate risk for railway assets by designing and integrating grey and green adaptation solutions, including Nature-based Solutions.

The investment will rehabilitate the existing 271 kilometers of the Meter-Gauge Railway Kampala-Malaba and Port Bell-Kampala-Kyengera lines, connecting Uganda, along Lake Victoria, with the Kenyan rail network at Malaba by the Uganda-Kenya border. These upgrades will provide a direct link to the Port of Mombasa, improving transportation, trade, and cost-effectiveness.

GCA is **evaluating climate risks for the investment and identifying grey and green adaptation options, with a focus on Nature-based Solutions**. Through GCA's support, the project will better address climate risks such as extreme temperatures and flooding. Potential Nature-based Solutions interventions will be implemented with support from WWF to ensure the long-term resilience of the infrastructure and relevant co-benefits for communities and natural ecosystems.

GCA'S ADDED VALUE

GCA's technical assistance and support include:

- Quantifying climate hazards such as flooding and extreme temperature, and quantifying damages on assets, services, and people as \$3.7 million and \$3.9 million per year in 2050 under a moderate warming scenario and highest emissions scenario respectively
- Identifying and appraising relevant green and grey adaptation and resilience options, which will reduce railway downtime from 16.0 days to 3.4 days for the moderate warming scenario and 19.1 to 4.7 days for the highest emissions scenario in 2050
- Developing the investment case for the Mpologoma watershed, in collaboration with WWF, to reduce peak flooding in the area
- Building capacity through the Masterclass on Climate Resilient Infrastructure in collaboration with the University of Nairobi

EXPECTED OUTCOMES

Through this project the following outcomes are expected:

- 271 kilometers of resilient railway lines climate-proofed
- 2 million people benefiting from improved transportation of goods and passenger travel, including 480,000 women
- 700 permanent jobs created, with 40% of jobs given to women



EXPECTED NUMBER OF PEOPLE BENEFITTING
30,000 smallholder farmers, and 250,000 people



IMPLEMENTATION PERIOD
2022-2023



KEY PARTNERS



The **Youth Adaptation Solutions Challenge (YouthADAPT)** is an annual competition and awards program that supports youth-led enterprises with innovative climate adaptation and resilience solutions. Each winner of the Challenge receives a \$100,000 grant, enabling them to expand their solutions. The winners also gain business support through a 12-month accelerator program.

The inaugural YouthADAPT Challenge was launched in 2021, and it had significant impacts. **The 2021 cohort created 8,512 direct and indirect jobs, trained over 12,000 small-holder farmers, and recorded 123% surge in revenue.** In September 2022, GCA and its partners launched the second YouthADAPT Challenge, building upon the achievements of its inaugural Challenge. For the 2022 cohort, GCA selected 20 winners out of 3,700 applications from 51 African countries. The cohort of winners was selected from 13 countries and reflected a gender balance, with over 50% representation of female-led businesses. Preliminary results from the 2022 cohort include the creation of 351 jobs (158 direct and 193 indirect), training of 11,128 small holder farmers and unlocking over €700,000 in additional funding.

The YouthADAPT Challenge winners lead adaptation solutions in agriculture, water, waste management and digital solutions. The variety of adaptation solutions that these young entrepreneurs represent demonstrates the potential of youth-led entrepreneurship to create adaptation jobs while protecting communities from the worst impacts of climate change.

GCA'S ADDED VALUE

GCA's technical assistance and support include:

- **Capacity Building and Training:** Develop training materials and deliver training workshops to equip selected youth-led startups with practical skills in entrepreneurship and climate adaptation mainstreaming
- **Mentorship and Coaching:** Provide professional mentorship, empowering them to execute their business plans, create jobs, and support continental efforts towards climate resilience
- **Grant Funding:** Provide grant support of up to \$100,000 to support growth and facilitating linkages with potential investors for longer term growth

EXPECTED OUTCOMES

Through this project the following outcomes are expected:

- Inculcate an ecosystem of domestic enterprises providing adaptation goods and services
- Create 20,000 direct and indirect jobs
- Train 30,000 smallholder farmers on climate adaptation



**INVESTMENT VALUE
INFLUENCED BY GCA**
\$538 million



**EXPECTED NO. OF
BENEFICIARIES**
1,500,000 households
from Nigeria



IMPLEMENTATION PERIOD
2022-2027

KEY PARTNERS



In Nigeria, **GCA is working with the African Development Bank on the \$538 million Special Agro-Industrial Processing Zones Program.** The program supports the economic and social development programs of the Nigerian government. It contributes to the development of rural infrastructure, improved access to agricultural markets, increased farm productivity, and the promotion of agricultural technology, agribusiness, and job creation.

The key development objectives are to sustainably contribute to poverty alleviation, reducing hunger and inequality. The program also addresses constraints to agribusiness competitiveness by furthering opportunities for economic diversification, job creation, building climate resilience and improved livelihoods in Nigeria.

GCA's intervention is **ensuring that 30% of the jobs created through the project are climate adaptation jobs.** This includes recommendations to support climate adaptation-focused entrepreneurs in upscaling and boosting youth entrepreneurship. Technical inputs include feasibility studies and assessment of job opportunities in adaptation, as well as the skills required for these new adaptation jobs to support skills development.

GCA'S ADDED VALUE

GCA's technical assistance and support includes:

- Feasibility studies and assessment of job opportunities in climate adaptation within the program, to identify and measure possible adaptation jobs that can be created through the program.
- Assessment of skills required for new adaptation jobs to support skill development program components.

EXPECTED OUTCOMES

The following outcomes are expected through this project:

- 500,000 jobs created (100,000 Direct/400,000 indirect)
- 30% adaptation jobs created through the project (expected to be 150,000 jobs)
- 10,000 Small and Medium Sized Enterprises supported



Enhancing Direct Access for Adaptation Finance in Senegal

GCA support is **reducing barriers to large-scale access to multilateral climate funds in Africa and significantly increase the flow of adaptation finance** to the region. While multilateral climate funds, like the Green Climate Fund hold unique potential with high risk-taking capacity to finance large-scale adaptation projects, country institutions often lack an understanding of how to develop robust, evidence-based funding proposals and concept notes.

In Senegal, GCA is working with the Centre de Suivi Ecologique (CSE), La Banque Agricole (LBA), Fonds de Garantie des investissements Prioritaires (FONGIP), and Le Fonds Souverain d'Investissements Stratégiques (FONSIS) to enable direct access to the GCF. The Center's support to FONGIP and FONSIS has included developing a comprehensive gap assessment, identifying a substantial need for **the development of different policies, procedures, and strategies to meet GCF accreditation standards**. GCA is providing technical support to help update these documents and management procedures.

With CSE, GCA's support starts with technical assistance for re-accreditation to the GCF. In parallel, GCA is providing **technical support to CSE and LBA to identify project concepts that will be developed into funding proposals**. These include initiatives to enhance smallholder farmers' resilience in Southern and Eastern Senegal through agroforestry systems.



TARGET INVESTMENT VALUE INFLUENCED BY GCA
\$200 million



IMPLEMENTATION PERIOD
2023-2025

KEY PARTNERS



GCA'S ADDED VALUE

GCA's technical assistance and support include:

- Providing tailored guidance and technical support to streamline the accreditation and reaccreditation processes for Direct Access Entities in Senegal
- Capacity building to develop high-quality adaptation concept notes
- Strengthening the technical and operational capacity of CSE, LBA, FONGIP and FONSIS, enabling them to effectively navigate the GCF accreditation process and access adaptation finance at scale

EXPECTED OUTCOMES

Through this project the following outcomes are expected:

- Develop four adaptation concept notes to be submitted to GCF
- Goal to mobilize over \$1 billion million in funding for adaptation initiatives
- Improve institutional and technical capacity to implement innovative financial instruments
- Enhance the credibility of national entities in the eyes of stakeholders such as investors, donors, and international organizations



Climate change is already having significant impacts in Ghana. Studies show that temperatures for all ecological zones are rising while rainfall levels and patterns have been reducing and becoming increasingly erratic. Available data also shows a sea-level rise of 2.1 mm per year over the last 30 years, indicating a rise of 5.8 cm, 16.5 cm and 34.5 cm by 2020, 2050 and 2080, respectively.

With these growing concerns, the government of Ghana gives high priority to climate adaptation strategies. In 2015, it submitted its first *Nationally Determined Contribution (NDC)* to the United Nations Framework Convention on Climate Change. Ghana requires between \$9.3 and \$15.5 billion of investment to implement the 47 NDC measures from 2020 to 2030. A total of \$3.9 billion would be required to implement the 16 unconditional programs of action through 2030. The remaining \$5.4 billion for the 31 conditional programs would be mobilized from public, international, and private sector sources and carbon markets. While mobilizing substantial domestic funding, Ghana relies on international support to achieve its 2030 contributions.

In order to diversify its channels for the delivery of climate finance and to strengthen national ownership, **GCA is providing support to the Ghana Infrastructure Investment Fund (GIIF) for accreditation to the GCF.** Once accredited, GCA will provide technical assistance to develop concept notes and funding proposals, drawing from Ghana's National Investment Roadmap for Climate Resilient Infrastructure, launched in 2022.



IMPLEMENTATION PERIOD
2023-2024

KEY PARTNERS



GCA'S ADDED VALUE

GCA's technical assistance and support include:

- Providing tailored guidance and technical support to streamline the accreditation the accreditation for GIIF, ensuring compliance with GCF standards
- Strengthening the technical and operational capacity of GIIF to effectively navigate the GCF accreditation process and access adaptation finance at scale
- Enhancing the capacity of Direct Access Entities to develop high-quality adaptation concept notes, thereby increasing the chances of approval by the GCF Secretariat

EXPECTED OUTCOMES

Through this project, the following outcomes are expected:

- Mobilized private sector funding for adaptation initiatives
- Updated policies and strategies of four national entities
- Improved institutional and technical capacity to implement innovative financial instruments
- Enhanced credibility of national entities in the eyes of stakeholders such as investors, donors, and international organizations



**INVESTMENT VALUE
OF THE IMF RSF
\$324 million**



**IMPLEMENTATION PERIOD
2024-2027**

KEY PARTNER



GCA providing technical assistance to the International Monetary Fund (IMF) to enhance adaptation in Senegal through its Resilience and Sustainability Facility (RSF). The RSF provides longer-term financing to strengthen economic resilience and sustainability by supporting policy reforms that reduce macro critical risks associated with climate change and pandemic preparedness, and augmenting policy space and financial buffers to mitigate risks arising from such longer-term structural challenges.

The RSF will support Senegal's efforts to integrate climate considerations into policymaking, complementing the Extended Fund Facility and Extended Credit Facility in bolstering overall socio-economic resilience. The identified RSF reform measures build on Senegal's national adaptation plan and existing diagnostics, including the IMF's Climate Public Investment Assessment.

GCA is leveraging its expertise to strengthen climate adaptation measures within the RSF policy framework. In consultation with the IMF, GCA has supported the identification and formulation of adaptation policy reform measures. In addition, GCA will support the implementation of policy measures related to the policy framework governing water resource management, the revision of the construction code, and the dissemination of data on climate vulnerabilities. .

GCA'S ADDED VALUE

GCA's technical assistance and support include:

- Provide technical assistance to the identification and formulation of policy reforms related to climate adaptation during preparation of the RSF.
- Supporting the implementation of three reform measures agreed upon under the RSF Arrangement by providing tailored technical assistance on sectorial policies, methodologies, and opportunities to access climate finance.

EXPECTED OUTCOMES

The following outcomes will be influenced by GCA's support:

- Reinforcing climate governance and mainstreaming climate adaptation into public financial and investment management processes.
- Enhancing adaptation to climate change and resilience against climate risks by developing and implementing targeted reform measures.
- Mobilizing Climate Finance for climate adaptation in the country. Reforms will strengthen the country's position on global and domestic scales for climate investments.



In Madagascar, GCA's technical assistance is supporting the IMF's efforts to strengthen climate adaptation through its Resilience and Sustainability Facility (RSF). The longer-term financing provided by the RSF aims to strengthen economic resilience and sustainability by supporting policy reforms that ease macro critical risks related to climate change and pandemic preparedness, and augmenting policy space and financial buffers to mitigate risks arising from such longer-term structural challenges.

The RSF will support Madagascar's efforts to integrate climate considerations into policymaking, complementing the Extended Fund Facility and Extended Credit Facility in bolstering overall socio-economic resilience. The identified RSF reform measures build on Senegal's national adaptation plan and existing diagnostics, including the IMF's Climate Public Investment Assessment and the World Bank's Country Climate and Development Report.

GCA's technical support is geared towards strengthening climate adaptation measures within the RSF policy framework. In consultation with the IMF, GCA supported the identification, prioritization, and implementation of key climate adaptation policy measures. GCA will support the implementation of two agreed policy reforms: developing a climate finance policy and strengthening the policy framework governing water resource management. GCA will also participate in a climate finance roundtable to accelerate the mobilization of public and private finance for climate adaptation in the country.



**INVESTMENT VALUE
OF THE IMF RSF
\$321 million**



**IMPLEMENTATION PERIOD
2022-2029**

KEY PARTNER



GCA'S ADDED VALUE

GCA's technical assistance and support include:

- Provide technical assistance to the identification and formulation of policy reforms related to climate adaptation during preparation of the RSF.
- Supporting the implementation of three reform measures agreed upon under the RSF Arrangement by providing tailored technical assistance on sectorial policies, methodologies, and opportunities to access climate finance.

EXPECTED OUTCOMES

The following outcomes will be influenced by GCA's support:

- Reinforcing climate governance and mainstreaming climate adaptation into public financial and investment management processes.
- Enhancing adaptation to climate change and resilience against climate risks by developing and implementing targeted reform measures.
- Mobilizing climate finance for climate adaptation in the country. Reforms will strengthen the country's position on global and domestic scales for climate investments.

CATALYZING CHANGE FOR CLIMATE ADAPTATION: OUR APPROACH

GCA's work is guided by three core approaches. They are: knowledge, leadership, and action.

KNOWLEDGE: Research for Impact

GCA builds and accelerates the application of adaptation knowledge globally. GCA creates and manages knowledge, leads research to fill knowledge gaps, and drives innovation to develop specialized approaches. Our **State and Trends in Adaptation** reports provide a comprehensive overview of the present and projected climate risks in Africa and a blueprint for adaptation action.



LEADERSHIP: Agenda Setting and Advocacy

GCA's convening power brings together the most influential thinkers and decision-makers, while giving voice to the most vulnerable. GCA formulates policy messages to shape and move global, regional, and local adaptation agendas forward.



ACTION: Programs

GCA works with governments, academia, community-based organizations, IFIs, national banks, and private financial institutions to shape and implement investments in a way that builds resilience for climate-vulnerable people and creates jobs. GCA supports access to financing from the Global Climate Fund.



GENDER EQUALITY AND SOCIAL INCLUSION

GCA employs Locally Led Adaptation and gender-sensitive approaches to ensure that the climate adaptation needs of vulnerable communities, especially women and girls, are addressed through investment projects supported by IFIs.

YOUTH

GCA empowers young people to advocate for climate adaptation on the global stage and enhance climate resilience in their communities through education and adaptation-focused employment opportunities.

LOCALLY LED ADAPTATION

Through Locally Led Adaptation, GCA unlocks, supports, and leverages the enormous potential of communities to develop and implement solutions. This involves working with local communities to develop people's climate adaptation plans and making links to planned IFI investment projects. GCA also hosts a Global Hub on *Locally Led Adaptation* to gather best practices and facilitate knowledge sharing and exchanges between practitioners.

GLOBAL CENTER ON ADAPTATION – LEADERSHIP AND GOVERNANCE

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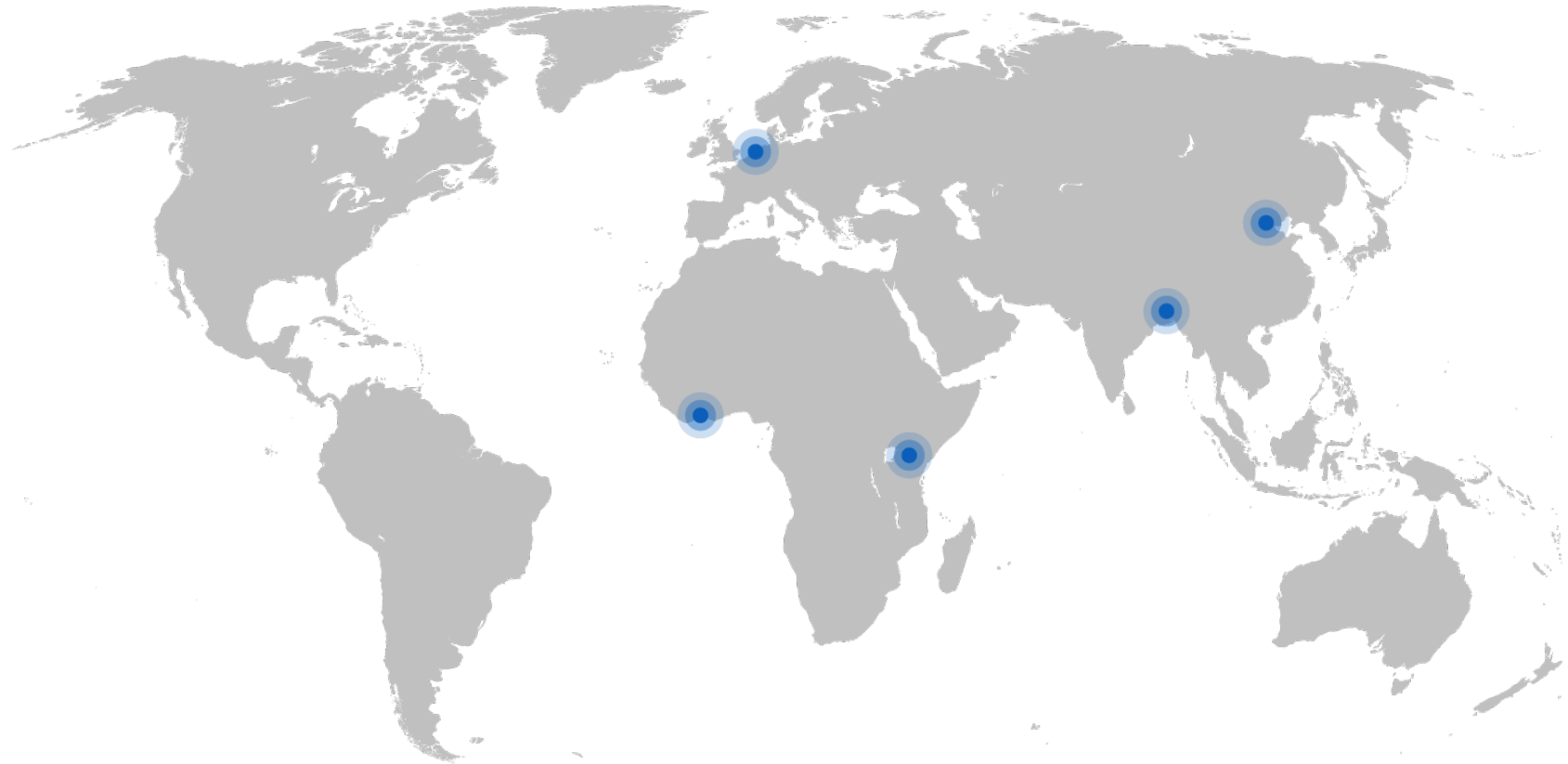
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ABOUT THE GLOBAL CENTER ON ADAPTATION

The **Global Center on Adaptation (GCA)** is an international organization that promotes adaptation to the impacts of climate change. It works to climate-proof development by instigating policy reforms and influencing investments made by IFIs and the private sector. The goal is to bring climate adaptation to the forefront of global efforts to address climate change and ensure that it remains prominent.

Our **mission** is to climate-proof the planet against the effects of global warming. We do this by finding, incubating, and implementing ways to accelerate and innovate climate adaptation at scale, building a stronger and more prosperous climate-resilient world. Our **vision** is to adapt to our changing climate by securing progress towards sustainable development, safeguarding people, the planet, and our shared prosperity.

Founded in 2018, GCA embodies innovation in its approach to climate adaptation and physical presence. It operates from the largest floating office in the world, in Rotterdam, the Netherlands. GCA has a worldwide network of regional offices in Abidjan, Côte d'Ivoire; Dhaka, Bangladesh; and Beijing, China. GCA will open a new office in Nairobi, Kenya in 2025.



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