

# GLOBAL CENTER ON ADAPTATION

## AFRICA ADAPTATION ACCELERATION PROGRAM 1<sup>ST</sup> RESULTS REPORT

JANUARY–JUNE 2022

## Table of Contents

<b>1. Introduction.....</b>	<b>2</b>
<b>2. Africa Adaptation Acceleration Program (AAP) Results Overview .....</b>	<b>3</b>
<b>3. Programs and Action .....</b>	<b>5</b>
3.1 <i>Climate-Smart Digital Technologies for Agriculture and Food Security .....</i>	5
3.2 <i>Africa Infrastructure Resilience Accelerator.....</i>	6
3.3 <i>Empowering Youth through Jobs and Entrepreneurship.....</i>	7
3.4 <i>Innovative Finance Initiatives for Africa.....</i>	8
<b>4. Advocacy and Agenda Setting.....</b>	<b>9</b>
<b>5. Research for Impact.....</b>	<b>10</b>
<b>6. Climate Vulnerable Forum .....</b>	<b>11</b>
<b>7. Summary .....</b>	<b>12</b>
<b>Annex: AAP Projects .....</b>	<b>13</b>
<b>Annex: AAP Results Framework.....</b>	<b>14</b>

## 1. Introduction

The Global Center on Adaptation (GCA) is an international organization which works as a solutions broker to accelerate action and support for adaptation solutions, from the international to the local, in partnership with the public and private sector, to ensure we learn from each other and work together for a climate resilient future. Founded in 2018, GCA is hosted by the Netherlands, working from its headquarters in Rotterdam with a knowledge and research hub based in Groningen. GCA has a worldwide network of regional offices in Abidjan, Côte d'Ivoire; Dhaka, Bangladesh; and Beijing, China. Through this evolving network of offices and global and regional GCA teams, the organization engages in high-level policy activities, new research contributions, communications, and technical assistance to governments and the private sector.

The objective of this first results report is to highlight progress made by GCA on the Africa Adaptation Acceleration Program (AAAP) during the period January–June 2022, and emerging results. The report also illustrates GCA's strategic direction in terms of programming for the remainder of the year and demonstrates the evolving and important role of GCA as a solutions broker for adaptation acceleration in Africa.

## 2. Africa Adaptation Acceleration Program (AAP) Results Overview

The Africa Adaptation Acceleration Program (AAP), an Africa-owned and Africa-led program, is a joint initiative between the African Development Bank (AfDB) and GCA with the goal of mobilizing US\$25 billion for adaptation in Africa. The African Union endorsed the AAP's two financing mechanisms. The first mechanism is the AAP Upstream Financing Facility hosted by GCA, which has already influenced US\$3 billion in investment for adaptation in Africa since its inception in 2021. The AfDB administers the second financing mechanism which builds on the AfDB's firm commitment to finance US\$12.5 billion – half of the AAP investment target. During this reporting period, GCA also worked with the World Bank Group (WBG) and is expanding partnerships with other international financing institutions such as the European Investment Bank (EIB) and L'Agence française de développement (AFD). The AAP aims to mobilize US\$25 billion to accelerate innovative climate change adaptation solutions across Africa by 2025.

During the first half of 2022:

- GCA launched or completed work on 65 climate adaptation knowledge and finance solutions that influenced the design of Multilateral Development Banks' (MDB) Board-approved projects worth over US\$3 billion that aim to strengthen resilience for up to 13 million people and generate 1.4 million jobs by 2030.
- These results have supported GCA's efforts on advocating for and mobilizing global support for climate adaptation through advocacy and agenda setting initiatives that drew over 62 heads of state and government, and ministers from countries represented in GCA convenings.

GCA's Upstream Financing Facility achieves results by delivering activities under **five** broad areas:

1. **Knowledge** activities that increase understanding and improved capacity for inclusive adaptation action
2. **Convening** activities that galvanize global, regional, and local networks for urgent climate action
3. **Leadership** activities that strengthen the capacity of decision-makers to understand, plan, and finance adaptation action
4. **Enabling** activities that encourage formulation and endorsement of policies and development strategies that take climate adaptation into account
5. **Finance** activities that support design of large-scale investment projects that reflect and integrate adaptation solutions

Specific examples of innovative GCA adaptation solutions include:

- Mainstreaming climate risk in national infrastructure investment portfolios
- Adaptation in infrastructure public-private partnerships (PPPs)
- Green jobs and small and medium enterprise (SME) finance for adaptation
- Digital climate solutions for agriculture and food safety
- Locally led adaptation in low-income urban communities
- Technical Assistance Program for African organizations to directly access international climate finance
- Adaptation in green financial tools (green bonds, debt for climate swaps)

Operational partnerships are at the core of the success of the AAP, where GCA's Upstream Financing Facility influences, on average, a ratio of 1:100 in downstream investments that are delivered through MDBs (including the AfDB and the WBG), central governments, and the private sector. Other partners include African and international academic institutions, private adaptation business entrepreneurs, as well as global science and policy organizations.

The following sections present a brief narrative on the achievements during the period January–June 2022, across GCA’s three strategic pillars:

1. **Programs and Action**
2. **Advocacy and Agenda Setting**
3. **Research for Impact**

And across the four AAAP program pillars:

1. **Climate-Smart Digital Technologies for Agriculture and Food Security**
2. **Africa Infrastructure Resilience Accelerator**
3. **Empowering Youth through Jobs and Entrepreneurship**
4. **Innovative Finance Initiatives for Africa**

These interconnected strategic and programmatic pillars collectively support the implementation of the AAAP. The four program pillars are closely interlinked to achieve the transformational shifts in adaptation that African nations need. For example, all pillars support the resilience of food systems to reduce food insecurity. In addition to the first core pillar on agriculture and food security, the second pillar enhances the transportation system resilience (from ports to roads) to ensure the continuity of transport from farms to markets and homes despite growing climate shocks. The third pillar supports the creation of youth-led adaptation enterprises that will provide critical services to farmers to make their production more resilient. Finally, the fourth pillar is developing innovative financial instruments and mobilizing additional resources for resilient agricultural programs. See the box below on emerging results.

## Emerging Results

### Climate-Smart Digital Technologies for Agriculture and Food Security (CSDAT)

- Completed assessment of potential of digital agriculture technologies in 6 countries in the Horn of Africa
- Developed investment plans for digital agriculture integration in the Horn of Africa initiative of AfDB
- Capacity building of AfDB Task Managers on the use of climate smart digital technologies for Africa

### Africa Infrastructure Resilience Accelerator (AIRA)

- Launched the City Adaptation Accelerator in 10 African cities with the aim of mobilizing \$1 billion in investments
- Developed & delivered Climate-Resilient Infrastructure Officer (CRIO) PPP Masterclass. To be rolled out to Programme for Infrastructure Development in Africa (PIDA) & AfDB Investment Officers
- Developed the Ghana Resilient Infrastructure Roadmap to inform the Bank’s Country Strategy Paper for Ghana and downstream adaptation Investments. This led to a request to extend to Kenya, Senegal & Liberia to mainstream resilience into programming at country level and Development Finance Institutions (DFI).

### Empowering Youth through Jobs and Entrepreneurship (YouthADAPT)

- Launched the YouthADAPT challenge and announced the first set of 15 winners from 10 Countries at COP26 in Glasgow
- Developed systems and processes for mainstreaming “Adaptation Jobs” into AfDB operations & projects
- Designed the first ever US\$500 million green Small and Medium-Sized Enterprises Line of Credit facility for youth entrepreneurs with Partnerships for Food Industry and Development (PFID)

### Innovative Finance Initiatives (IFI)

- Provided Technical Assistance for climate finance access: (Special Agro-Industrial Processing Zone program) Green Climate Fund (GCF) funding
- Supported four countries to mobilize US\$198,75 million from GCF
- Supported revamping the African Financial Alliance on Climate Change (AFAC) and a study on “Climate risk regulation in Africa’s financial sector and related private sector initiatives”

### 3. Programs and Action

#### 3.1 Climate-Smart Digital Technologies for Agriculture and Food Security

During the first half of 2022, GCA's Food Security and Rural Wellbeing Program, which delivers the AAAP Pillar Climate-Smart Digital Technologies for Agriculture and Food Security (CSDAT) launched four and completed 11 climate adaptation knowledge solutions that will influence the design of large-scale investment programs, including two valued at US\$1.1 billion that have been approved by the Board of Directors of WBG, ensuring that digital technologies are designed for and targeted to smallholders and agri-SMEs, including women farmers, and build the capacity of smallholder farmers and other value-chain actors to use digital technologies in agricultural practices. Details of these two investments totaling US\$1.1 billion are below.

GCA's interventions for the US\$500 million **Livestock Productivity and Resilience Support Project (LPRES)**, approved by the WBG Board in March 2022, ensures that the investment incorporates climate risk considerations and the relevant digital solutions for adaptation in the livestock chain in Nigeria, while also promoting 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. The investment is estimated to reach 1.4 million direct beneficiaries, with at least 350,000 farmers gaining access to climate resilient digital agriculture technologies and bringing 150,000 hectares of grazing area under sustainable management practices. GCA's technical advice ensures that the implementation of the project incorporates climate risks, supports adaptation to climate shocks, and integrates digital climate-smart agricultural solutions that can help fast-track adaptation and resilience support for the livestock sector in Nigeria. GCA's specific value-adding tasks included a comprehensive review and landscape analysis of the livestock sector in the country and establishing an inventory of existing and viable climate-smart digital agriculture solutions applicable to the livestock sector, particularly cattle, small ruminants, and poultry value chains.



The US\$600 million **Ethiopia Food Security Resilience Project**, approved by the WBG Board in June 2022, is expected to support 2.4 million farmers, 30% of which are women, in adopting resilience-enhancing technologies and practices that will result in an expected 15% reduction in food insecure people in program targeted areas; a 20% increase in yields of targeted crops in targeted households; and a 25% increase in volume of agricultural products sold. The specific value-adding activities carried out by GCA included assessing climatic risks to smallholder farmers in 14 priority value chains in the crop/livestock sub-sectors, like maize, rice, and wheat; identifying digital adaptation tools that can address these risks; and assessing opportunities and constraints to their adoption in the country.

The Food Security and Rural Wellbeing Program is developing **knowledge products to mainstream digital adaptation tools** into the design and implementation of five large projects – four from the AfDB and one from the WBG respectively – that are yet to be approved by the respective MDB Boards. The five projects are valued at US\$909 million and cover the crop and livestock sectors in different parts of Africa: the Sahel, the southern Africa region, Ethiopia, and Senegal. These projects will contribute to improved access of agro-pastoralists to digital climate information and advisory services (DCAS); higher yield and household income; increase in the adoption of DCAS; and capacity building of individuals and institutions on DCAS. In addition, ten technical advisory studies comprising climate risk assessments of major food crop and livestock value chains to identify appropriate digital adaptation solutions were launched or completed, with the aim of influencing the design of projects. The Food Security program is also supporting macroeconomic modeling in Kenya and Mali to delineate agriculture adaptation indicators to: (i) characterize adaptation interventions proposed under National Adaptation Plans (NAPs), and (ii) identify alternative adaptation in agriculture pathways and related policy options to inform effective implementation of country NAPs.

## 3.2 Africa Infrastructure Resilience Accelerator

The AAAP's Africa Infrastructure Resilience Accelerator (AIRA) launched or completed work on 20 climate adaptation solutions for resilient infrastructure that influenced the design of Board-approved projects worth over US\$1.28 billion aimed at strengthening the resilience of infrastructure that will serve over 10.2 million people and generate over 4,300 jobs by 2030. GCA's adaptation solutions under AIRA aim to mainstream adaptation and resilience into investments at the national, city, asset, and catchment levels. In addition, AIRA supports capacity enhancement programs under the Masterclass for climate-resilient infrastructure.

At the **asset** level, GCA is supporting two large-scale MDB investment projects via the infrastructure resilience advisory package, which includes: a) high resolution climate risk and vulnerability assessments; b) adaptation and resilience investment appraisals; and c) downstream operations and maintenance recommendations. The two projects are: 1) the US\$89 million **Ghana Scaling up Renewable Energy Program (SREP)**, approved by the AfDB Board in January 2022, and 2) the US\$966 million **Desert to Power Project**, approved by the AfDB Board in February 2022. GCA's support for the SREP and Desert to Power investment projects will help deliver 611 MW of climate-resilient energy. GCA's deliverables for both projects are currently ongoing, bringing state of the art, high resolution climate analytics to inform adaptation investment needs and designs under the investment programs thereby ensuring that the assets are resilient and function under future climate scenarios.

During the period January–June 2022, GCA also launched support for an additional six MDB infrastructure investment projects that are expected to finance investments worth over US\$1 billion, pending Board approval. These investments include two seaport projects, three road projects, and one rail project. Two of these projects are expected to be financed by the private sector as PPP's.

At the **city** level, GCA's City Adaptation Accelerator has launched urban resilience programs in 9 African cities – Dodoma, Monrovia, Bizerte, Libreville, Antanarivo, Conakry, Accra, Ndjamena, and Dakar – with the objective of influencing MDB Board-approved investment programs totaling US\$229 million.

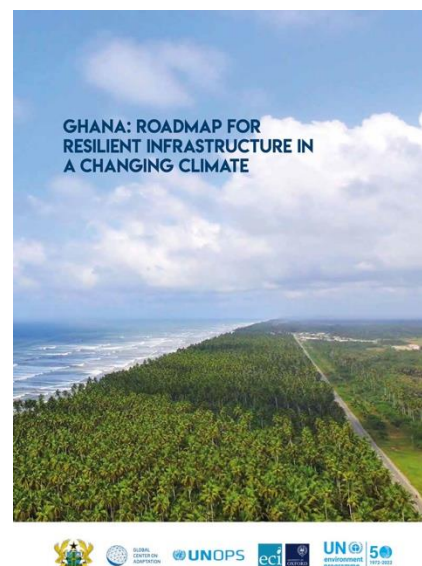


Through the accelerator, GCA is mainstreaming adaptation into the US\$40 million **Liberia Urban Resilience Project**. Approved by the WBG Board in May 2022, GCA is preparing upstream analytics to inform the integration of adaptive, climate-resilient and ecosystem-based approaches into drainage and flood risk management and neighborhood upgrading infrastructure by developing and implementing a locally led adaptation strategy to inform climate smart community upgrading, and preparing an assessment of the wetlands of Monrovia, including the Mesurado Wetlands (Ramsar site), which is a green asset.



At the **national** level, GCA's outputs have supported the preparation of adaptation investment pipelines in Ghana, where GCA delivered and launched the **Ghana National Roadmap for Climate Resilient Infrastructure** in March 2022. GCA is scaling up this line of work in Kenya, where an agreement was signed with the University of Nairobi and University of Oxford to develop the national roadmap for Kenya. AfDB and the WBG will use these outputs to shape their investment pipelines.

GCA support for investment projects also includes capacity building interventions through the **Masterclass on Climate Resilient Infrastructure**, which aims to build capacity to understand, plan, and finance adaptation in large scale infrastructure projects. In the first half of 2022, GCA approved the delivery of the Masterclass for Desert to Power G5 Sahel client countries (Burkina Faso, Chad, Mali, Mauritania, and Niger), for the Egypt Public-Private Partnerships (PPP) Authority under the Ministry of Finance, and for AfDB Investment Officers. The Masterclasses will be implemented in Q4 2022 and Q1 2023.



### 3.3 Empowering Youth through Jobs and Entrepreneurship

The AAAP's Empowering Youth through Jobs and Entrepreneurship (YouthADAPT) pillar supported enterprises focused on climate adaptation through a business accelerator – the **African Youth Adaptation Solutions Challenge** (YouthADAPT Challenge) – which offers grant awards of up to US\$100,000 per enterprise and a 12-month business coaching mentorship program.

Thirteen African youth (of which 50% are female) from enterprises in 10 African countries (Cameroon, Ghana, Kenya, Nigeria, Zambia, Benin, Central Africa Republic, Comoros, Democratic Republic of Congo, Niger) were selected under the program and underwent in-depth training on business management, entrepreneurship, finance, and climate adaptation conducted by an enterprise support organization. The selected adaptation solutions cut across the agriculture and waste management sectors, and across enterprises that are addressing on-ground climate challenges faced by vulnerable communities in their regions on the African continent.



Some have seen their revenues rise by up to 50 percent since joining the accelerator; some have doubled their production capacity; and others are entering new markets.

A total of US\$450,083 has been disbursed in grant awards, reaching 45% of the total grant award target. Thus far, 60 jobs were created in sectors such as waste management, drip irrigation and agriculture, with over 6,500 farmers trained as a result of this youth challenge.

During the period January–June 2022, GCA also launched support for an additional six MDB job creation and agriculture projects from the AfDB and WBG that are expected to finance investments worth US\$690 million. GCA has a focus on mainstreaming climate adaptation into job creation components for these projects, with a target of 30% of adaptation jobs created, through labor market assessments, adaptation curriculum design and capacity building.



### 3.4 Innovative Finance Initiatives for Africa

Under the AAAP Innovative Finance Initiatives (IFI) pillar, GCA established the **Technical Assistance Program (TAP)** to help countries access climate finance. GCA is engaging with ten countries (Côte d'Ivoire, Democratic Republic of Congo (DRC), Niger, Nigeria, Burkina Faso, Senegal, Ghana, Ethiopia, Togo, Guinea) across Africa to enhance the level of adaptation finance flowing from multilateral climate funds into the continent. TAP is supporting implementation of climate public expenditure institutional reviews in Cote d'Ivoire and DRC to highlight how budgets across different sectors can be counted as adaptation. In addition, TAP is strengthening direct access to multilateral climate funds to diversify and complement the delivery channels via new accreditations, and accreditation upgrades in Senegal, Ghana, and DRC. TAP is also supporting the development of concept notes to be submitted to the Green Climate Fund for DRC, Burkina Faso, Niger, and Nigeria. Additionally, TAP support is enhancing funding proposals from internationally accredited entities such as the AfDB proposal to the GCF Staple Crops Processing Zone Program, a US\$447 million project of loans and grants. The project, resubmitted in June 2022, will help rationalize interventions in the agriculture sector of the program countries towards activities that contribute to emissions reduction from agricultural activities as well as improve climate resilience and adaptation of agroecosystems, agricultural assets, and beneficiaries.

GCA also works to strengthen the offering and adoption of **adaptation and resilience-focused financial instruments**, enabling investment in adaptation and resilience projects and initiatives, and mobilizing finance from institutional investors in international and domestic markets. GCA offers technical assistance for structuring blended finance and capital markets solutions such as green bonds and private debt funds or adopting adaptation taxonomy and metrics to measure impact. Currently, GCA is supporting the upcoming **Sustainable Sovereign Bond of the Government of Cote d'Ivoire** to increase the share of adaptation investments in the bond use of proceeds. GCA also works with private asset management firms like Invesco to explore blended finance solutions to mobilize adaptation finance from private sector institutional investors at scale targeting the most vulnerable countries.

An additional stream of cross-support work is supporting the **Adaptation & Resilience Investors Collaborative**, an international partnership of 17 development finance organizations, mainly from G7 countries, working together to accelerate and scale up private investment in climate adaptation and resilience in developing and emerging countries. During the first half of 2022, GCA continued implementing the convening and leadership activity to support the Collaborative's development of a Workplan for 2022–2023 and business plan preparation to enhance the Collaborative governance structure.



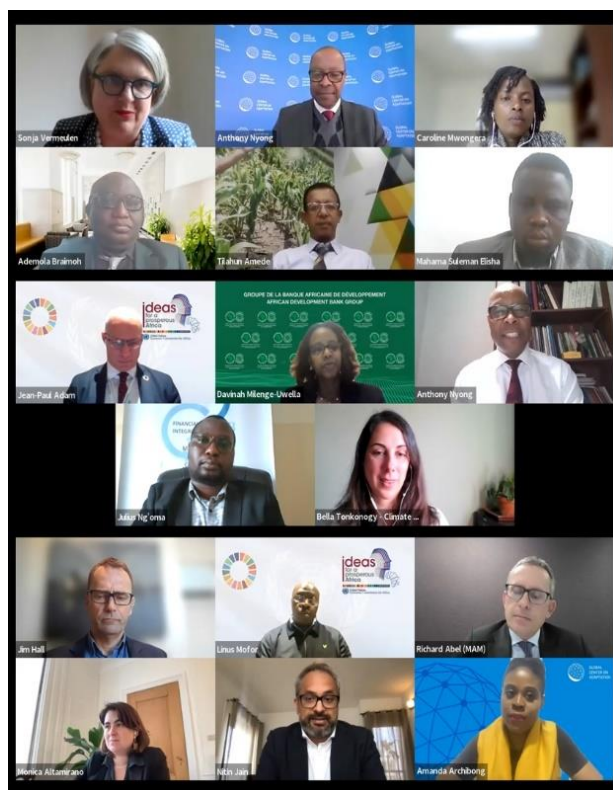
## 4. Advocacy and Agenda Setting

During the period January–June 2022, highlights from Advocacy and Agenda Setting included high-profile meetings between the CEO and several African Heads of State and Government to advance AAAP priorities as well as **the inauguration of Former President of Kenya, Uhuru Kenyatta, as Global Champion for the AAAP**. GCA CEO Prof. Dr. Patrick Verkooijen held extensive discussions with President Macky Sall of Senegal on his priorities for adaptation in his role as African Union Chair, while taking forward conversations at the national level on the support the TAP access initiative will provide Senegalese entities seeking climate finance. In Ghana, the GCA CEO **discussed President Nana Akufo-Addo’s priorities as the President of the Climate Vulnerable Forum, in addition to how GCA can support the implementation of assessed projects identified in the resilient infrastructure roadmap report** launched during this visit. During his multiple meetings with President Kenyatta, the GCA CEO provided a detailed briefing on the approach and early results of the AAAP and discussed the role of the AAAP Champion with the President, who was delighted to accept and carry forward his leadership role as an advocate for adaptation action. This position was confirmed in a high-profile inauguration ceremony held at the University of Nairobi where partnership agreements relating to the PPP Masterclass and national infrastructure assessments were also signed.

At the level of policymakers, the Advocacy and Agenda Setting pillar delivered a series of **Africa Adaptation Dialogues in partnership with the COP26 UK Presidency** to build on the promises made in Glasgow to drive the adaptation agenda forward. The Africa Adaptation Dialogues aimed to share solutions to the adaptation gap in Africa, highlight priorities for further investment and scaling, and forge a consensus on achievable objectives to deliver action on the ground. As lead coordinating partner for the Africa Adaptation Initiative (AAI), GCA convened partners from across Africa and globally for a series of dialogues throughout the first quarter of 2022. The Africa Adaptation Dialogues were designed to seek continuity and sustained momentum leading into COP27, the “African COP”.

The three dialogues were “Adapting agriculture in Africa to build resilience to climate change,” “Transforming Adaptation Finance,” and “Strengthening Climate Resilience of Infrastructure in Africa. The three dialogues were viewed by 3,022 viewers across Zoom and LinkedIn. On Twitter, Facebook and Instagram, social media promotions generated an additional 90,158 impressions and 1,613 engagements linked to the content and agenda discussed in the dialogues. Guided by the UK COP26 Presidency Glasgow Imperative on Adaptation and GCA’s State and Trends in Adaptation in Africa Report 2021, the dialogues brought together stakeholders around the most pertinent themes relevant for accelerating adaptation implementation in Africa. The dialogues were used to discuss how best to build resilience in various contexts and better articulate adaptation priorities ahead of the discussions leading up to and at COP27.

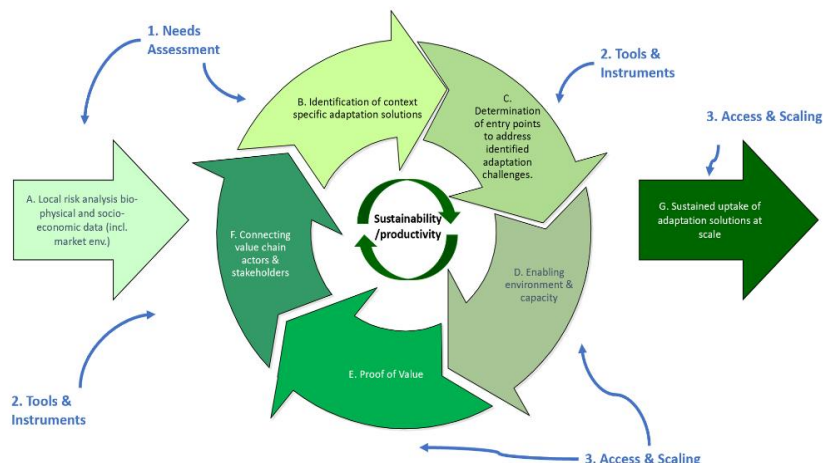
Additionally, as highlights of other advocacy moments in the first half of the year, **GCA was invited to chair the private sector investment session at the Adaptation Champions Lahti Ministerial Dialogue** and brought the issue of adaptation for Africa into the discussion and the outcomes of the dialogue, as well as keynote opening remarks at the Gobeshona conference and the Africities Summit, participation in the UN MENA Climate Week, and high-profile panels on adaptation at the Africa CEO Forum and the International Conference on Disaster Resilient Infrastructure.



## 5. Research for Impact

Research for Impact (R4I) developed the Climate Adaptation Support Program (CASP), which provides analytical support for accelerating adaptation via the four AAAP programmatic pillars. Adaptation *status and pathway reports* were prepared by Akademiya2063 for Mali and Kenya, and reports for Senegal and Nigeria are underway. R4I's Adaptation Accelerator provides analytical support for AAAP projects/programs in three areas: efficiency of interventions, conditions for their sustained uptake and support for scaling.

### R4I Adaptation accelerator



R4I reports during this period included: *“the micro-economics of adaptation in agriculture in Nigeria”*; *“empowerment and adaptive capacity in Chad”* and *“supporting local plans to adapt to the climate: The ‘who’ and ‘how’ of Locally-led Adaptation.”* **R4I researchers published four applied research products in scientific journals**, including: Nature Climate Change, Global Environmental Change, Copernicus Meetings, and World Development.<sup>1</sup> During this period, publications of R4I researchers were cited 1,655 times. R4I contributed to the State & Trends in Adaptation Knowledge Exchange (STAKE), which now has **country profiles including an Nationally Determined Contributions tracker for every country as well as maps on climate hazards, climate risk, and climate finance**. More than 300 adaptation projects are currently published on STAKE, covering every country in Africa. STAKE was visited 1,730 times in H1 of 2022. R4I researchers trained 60 students in the Master of Science program on Climate Adaptation Governance and four interns received training under the Living Labs program<sup>2</sup>.

<sup>1</sup> Chan, S., Hale, T., Deneault, A., Shrivastava, M., Mbeva, K., Chengo, V. and Atela, J., 2022. Assessing the effectiveness of orchestrated climate action from five years of summits. Nature Climate Change, pp.1-6.

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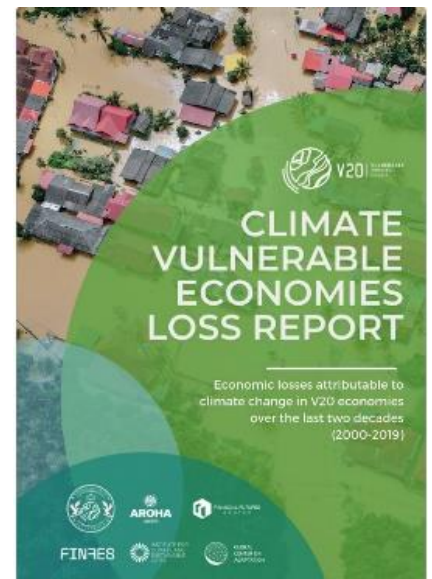
Wouterse, F., Andrijevic, M. and Schaeffer, M., 2022. The microeconomics of adaptation: Evidence from smallholders in Ethiopia and Niger. World Development, 154, p.105884.

<sup>2</sup> Living Labs are process of co-creation between students (as interns), the host institution and scientific staff of University College Fryslân (Rijksuniversiteit Groningen). The goal of the project is GCA supervises research in collaboration with academic supervisors from the University College Fryslân to develop new ideas, products, services, as well as governance and business models.

## 6. Climate Vulnerable Forum

As Managing Partner of the Climate Vulnerable Forum<sup>3</sup> (CVF), GCA works with the leadership of its 55 member countries from Africa, Asia, the Caribbean, Latin America and the Pacific, representing over 1.2 billion people worldwide to support regional and global learning and collaboration. The CVF aims to develop and adopt the Accra-Kinshasa Declaration at the Pre-COP27 and support the process of the most vulnerable countries during COP27 in Sharm el-Sheikh, Egypt.

In the first half of 2022, **the CVF launched the Capacity-Building Fellowship for 15 participants selected from its member countries.** A CVF collaboration of GCA and the United Nations Institute for Training and Research (UNITAR), the program will work to strengthen the capacities of the fellows and contribute to the development of national efforts to pursue strategic forum priorities on climate change in CVF member countries and in international policymaking. **The CVF is also launching the Youth Fellowship, which will recruit youth voices from six CVF countries.** The fellows will represent their countries and the CVF perspective at climate-related events throughout 2022-2023.



<sup>3</sup> The CVF is an international partnership founded in 2009 by 48 highly vulnerable countries in Africa and Asia, serving as a South-South cooperation platform for participating governments to act on climate change. The CVF includes the Vulnerable Twenty (V20) Group of Ministers of Finance, focused on economies systemically vulnerable to climate change. The CVF is led by a rotating chair, serving for two years, and Bangladesh is the current chair (2021-2022).

## 7. Summary

The first half of 2022 was a results-driven, productive period in GCA's institutional evolution. As seen in the narrative above, GCA launched or completed work on 65 climate adaptation knowledge and finance solutions that influenced the design of MDB Board-approved projects worth over US\$3 billion. Going forward, these results support GCA's efforts to advocate for and mobilize global support for climate adaptation through advocacy and agenda setting initiatives that drew over 62 heads of state and government, and ministers from countries represented in GCA convenings.

This is the first results report produced by GCA as it refines its systems to capture and reflect upon progress towards outcomes and lessons learnt to inform future programming, including project and program design. The monitoring and evaluation systems in place would also allow identification of gaps, needs, and adjustments required for GCA to achieve maximum results for stakeholders, and continued championing of climate adaptation.



# Africa Adaptation Acceleration Program AAAP-supported Projects



## The Climate-Smart Digital Technologies for Agriculture and Food Security Pillar

- Burkina Faso**
  - Resilience Value Chain Development Project (RIMSFFP)
- Eswatini**
  - Eswatini MNWAP Phase II
- Multicountry: (Angola, Botswana, Malawi, Mozambique, Namibia, Tanzania, Zambia and Zimbabwe Programme)**
  - For Integrated Development and Adaptation to Climate Change in the Zambezi Watercourse (PIDACC Zambezi)
- Multi-country: Djibouti, Ethiopia, Kenya, Somalia, South Sudan and Sudan**
  - Program to build resilience for food and nutrition security in the Horn of Africa (BREFONS)
- Multi-Country: Senegal, Guinée Bissau, Cape Verde, Niger, Tchad, Bénin, Togo, The Gambia, Burkina Faso, Mali and Guinée**
  - Program to build resilience for food and nutrition security in the Sahel (P2-P2RS)
- Nigeria**
  - Livestock productivity and resilience support project
  - Zambia Growth Opportunities (ZAMGRO)



## The African Infrastructure Resilience Accelerator Pillar

- Benin**
  - Port of Cotonou Expansion
- Chad**
  - N'Djamena Integrated Urban Resilience Project
- Ethiopia**
  - The Borana Resilient Water Development for Resilient Livelihoods Program Phase I
- Gabon**
  - Rapid Climate Risk Assessments (RCRAs) for Libreville
- Gambia**
  - Banjul Port 4th Expansion Project
- Ghana**
  - Ghana National Infra Risk and Resilience Assessment
  - Accra (Ghana) Climate Risk Assessment
  - Ghana SREP Mini Grid & Solar Net Metering
  - GIF Support for GCF Accreditation Strategy
- Guinea**
  - Rapid Climate Risk Assessments (RCRAs) for Conakry
- Kenya**
  - Kenya National Infrastructure Risk and Resilience Assessment
- Liberia**
  - Liberia Urban Resilience Project (LLRP)
- Madagascar**
  - Rapid Climate Risk Assessments (RCRAs) for Antananarivo
- Multi-Country**
  - Desert to Power G5 Sahel Financing Facility
  - Rapid Climate Risk Assessments (RCRAs) for 5 African Cities: Bangui (Central African Republic); Djibouti (Djibouti); Kisumu (Kenya); Marrakech (Morocco);
  - Scaling Up GCA's Climate-Resilient Infrastructure Masterclass across Africa
- Senegal**
  - Senegal Integrated Resilient Transport Project : Dakar Transit Network Project
  - Senegal Integrated Resilient Transport Project : Dakar-St Louis HW Project
- Sierra Leone**
  - Freeport Aquatic WASH and Environment Project
- Tanzania**
  - Rapid Climate Risk Assessments (RCRAs) for Dodoma
- Tunisia**
  - Rapid Climate Risk Assessments (RCRAs) for Bizerte
- Uganda**
  - Water Supply and Sanitation Program - Phase III (WSSP III)



## The Innovative Financial Initiatives for Africa Pillar

- Côte D'Ivoire**
  - Cote d'Ivoire: Sustainable Bonds Program
- Ghana**
  - Ghana Infrastructure Investment Fund Accreditation
- Madagascar**
  - ABM - Access to Climate Secure Safe Drinking Water
- Multi-country**
  - Invesco Blended Finance Solutions
- Multi-country: Burkina Faso, Niger, Nigeria, Democratic Republic of Congo**
  - Direct Access Modality to access the Green Climate Fund : Burkina Faso, Niger, Nigeria, Democratic Republic of Congo
- Multicountry: Ethiopia, Togo, Senegal and Guinea**
  - Staple Crops Processing Zone (SCPZ): Promoting Sustainable Agricultural Value Chains



## The Youth Empowerment for Entrepreneurship and Job Creation in Climate Adaptation and Resilience Pillar

- Multi-Country (Central African Republic, Democratic Republic of Congo, Comoros and Niger, Nigeria, Kenya, Zambia, Cameroon, Ghana)**
  - Youth Adaptation Solutions Challenge Cycle 2
  - Youth Adaptation Solutions Challenge Cycle 1
- Nigeria**
  - Nigeria Innovation Program (NIP)/I-DICE
  - Nigeria - Special Agro-Industrial Processing Zones Program - Phase I (SAPZ I)
- South Sudan**
  - Youth Enterprise Development And Capacity Building Project (YEDCB)





# Annex: AAAP Results Framework

RESULTS FRAMEWORK		INDICATOR	UNITS	AAAP - TARGETS	PROGRESS - 2022
<b>OUTCOMES</b>				<b>Target - Total</b>	<b>Progress - 2022</b>
Pillar 1: Agriculture and Food Security	1.1 Mainstreaming digital agriculture solutions	# of farmers / herds adopting digital climate-enabled solutions (sex disaggregated)	#	2,731,400	-
		# of livestock benefiting from DCAS	#	0	-
		# of hectares cultivated using digital climate-enabled solutions	#	150,000	-
		# of jobs created	#	35,000	-
Pillar 2a: Resilient infrastructure water and urban	2.1 City Adaptation Accelerator	# of people protected from the designed return period flood events (sex- disaggregated)	#	0	-
		# of people provided with improved urban living/working conditions through project adaptation measures (gender-disaggregated)	#	1,000,000	-
		# of jobs created	#	50	-
	2.2. Climate resilient water services	Area under sustainable landscape management practices (# of hectares).	#	340	-
		# people with safe and climate-resilient drinking water access (sex- disaggregated).	#	0	-
		Cubic meters of water storage and retention capacity created	#	0	-
	2.3 Climate resilient transport - roads	Km of resilient roads built or rehabilitated	#	0	-
		# of people served by resilient roads	#	0	-
		# of jobs created	#	0	-
	2.4 Climate resilient transport - rail	Km of resilient rail systems built or rehabilitated	#	0	-
		# of people served by resilient rail	#	0	-
		# of jobs created	#	0	-
Pillar 2b: Resilient infrastructure and NBS	2.5 Climate resilient power	MW of power produced by climate resilient facilities	#	611	-
		# of people served by resilient power facilities	#	9,222,255	-
	# of jobs created	#	4,345	-	
	2.6 Climate resilient infrastructure for urban services - solid waste management	Tons of waste collected and managed in climate resilient manner	#	0	-
# of people served by resilient SWM facilities		#	0	-	
Pillar 3: Youth	3.1 Jobs for Youth	# of adaptation jobs created for youth (disaggregated by sex)	#	1,355,543	-
		# of youth-owned adaptation enterprises created or strengthened	#	0	15
Pillar 4: Finance	4.1 Technical Assistance Program	No. of entities directly accessing climate finance	#	0	2
		Amount of climate finance directly accessed by African institutions (EUR)	EUR	0	-
<b>INTERMEDIATE OUTCOMES</b>				<b>TARGET - 2022</b>	<b>Progress - 2022</b>
GCA brokers solutions to drive revolutions in understanding, planning and financing adaptation action through government, MDB or private sector actors	FINANCE	H. \$ in approved investment projects reflecting adaptation solutions brokered or adaptation finance solutions	EUR	1,303,250,000	3,545,884,920
		1) MDB lending (SO and NSO)	EUR	1,002,750,000	2,653,780,000
		2) Public sector	EUR	150,000,000	79,410,000
		3) Private Sector	EUR	150,000,000	653,800,000
	4) Other - grants, CF, etc	EUR	500,000	158,894,920	
	SOLUTIONS	G. # of beneficiaries targeted through approved investment (direct) or enabling (indirect) solutions informed by GCA	#	7,178,075	12,953,786
		a) # of countries	#	39	46
		b) # municipalities	#	24	52
		c) # private sector entities	#	12	15
		d) # of individuals	#	7,178,000	12,953,673
		e) % proportion of individuals that are women	%	50%	40%
	ENABLING	F. # jobs targeted through approved investment projects and jobs programs influenced by GCA	#	1,650	1,359,948
a) # jobs targeted through GCA-supported entrepreneurs and job programs (direct)		#	1,500	60	
b) # of jobs targeted by Board-approved MDB/GCF projects (indirect)		#	150	1,359,888	
E. # GCA solutions and methodologies scaled, mainstreamed, or replicated by external stakeholders		#	44	21	
LEADERSHIP	1) [All pillars] # of Board-approved MDB or Multilateral Climate Fund investments / projects mainstreaming GCA solutions	#	16	14	
	2) [All pillars] # of instances where GCA solution has been brokered with evidence of being under implementation (exclude MDB)	#	28	7	
CONVENING	D. # policies and development strategies endorsed by government that are informed by GCA research and analysis	#	12	5	
	C. # of training participants that report experience of strengthened capacity, skills and/or empowerment for adaptation action	#	2,316	908	
KNOWLEDGE	a) # from GCA training (direct)	#	1,366	893	
	b) # from partner training influenced by GCA (indirect)	#	950	15	
	B. # intergovernmental, institutional, organizational and association collaborations brokered by GCA.	#	57	14	
	A. # international climate adaptation agreements reached with GCA support and analysis	#	2	-	
<b>CONTRIBUTION - GCA SHARED ACCOUNTABILITY</b>					
<b>ATTRIBUTION - GCA ACCOUNTABLE FOR DELIVERING</b>					
<b>OUTPUTS</b>				<b>Target - 2022</b>	<b>Progress - 2022</b>
Research & Innovation Agenda setting & Advocacy Programs & Action	SOLUTIONS	10. # climate adaptation knowledge solutions brokered and finance solutions influenced	#	92	65
		P1: # studies/strategies/reports	#	23	18
		P2: # of climate adaptation advisory services for urban resilience	#	16	9
		P2: # of climate adaptation advisory services for climate resilient water services.	#	16	-
		P2: # of infrastructure resilience advisory packages developed under PP-IRA (disaggregated by sub-sector including PPPs)	#	8	8
		P2: # of national infrastructure risk and resilience assessments	#	1	2
		P2: # of NBS investment transaction models developed	#	4	1
		P3: # youth adaptation solutions challenges	#	1	1
		P3: # studies/assessments/reports	#	1	5
		P4: # of climate finance reports	#	2	2
		P4: # GCF concept notes, funding proposals, and accreditation analyses supported to access climate finance	#	4	12
		P4: # adaptation metric analyses for financial instruments	#	2	3
	P4: # other studies	#	2	1	
	P4: # of training courses	#	3	3	
	ENABLING	9. # GCA interventions and engagement to provide inputs to strengthen policies and development strategies	#	6	3
		8. # individuals trained through in-depth GCA training	#	5,316	94
		a) # of women	#	586	44
		b) # of youth	#	1,000	13
	LEADERSHIP	c) # number of students	#	4,250	67
		d) # of community leaders	#	0	0
		7. # of countries represented in convenings by head of state and government or ministers	#	51	62
		6. # of convenings for climate adaptation action	#	11	42
	CONVENING	a) % of convenings that are inclusive (with representation of at least 1 youth, or 50-50 gender balance, or leaders of locally led act.)	%	93%	64%
		b) # of sub-national leaders/entities (mayors, local gov. reps) represented in convenings	#	16	48
		c) # of senior international organization or private sector actors represented in convenings	#	16	41
		d) # of youth	#	16	41
	KNOWLEDGE	5. # of media uptakes and digital engagement	#	14	6
		4. # media uptakes and digital engagement	#	45	20
a) # of instances that GCA advocacy, research and innovations picked up by media (print and online, incl. op-eds)		#	22	79,330	
b) # of instances that GCA advocacy, research and innovations picked up by social media; # impressions / reach numbers		#	650,100	233,653	
3. # citations of GCA research and publications	#	1,203,000	2,874,281		
2. # organizations seeking GCA knowledge and advisory support	#	28	1,671		
1. # of knowledge publications and applied research products	#	46	7		
				17	13
<b>BUDGET</b>					
	i. GCA approved activity budget	EUR	13,780,000	12,947,196	