

Our 6 Years in Africa

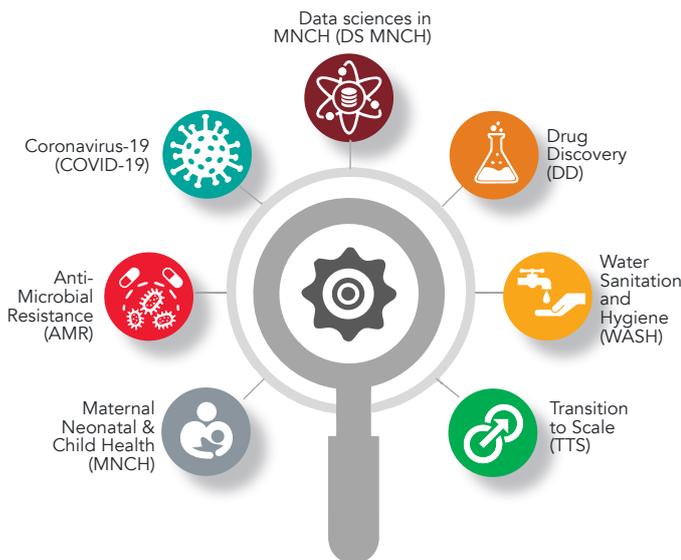
These results were produced at the AAS where the GC Africa programme was implemented with the support of the Bill & Melinda Gates Foundation.

GC Africa closed at the AAS in 2021 and has now moved to its new home at the Science for Africa Foundation (SFA Foundation) where a second phase of the programme is being implemented. The Grand Challenges Africa (GC Africa) programme seeks to promote Africa-led scientific innovations to help countries better achieve the Sustainable Development Goals by awarding seed and scale up grants to the continent's most impressive solutions, the programme also encourages partnerships that bring together investigators from diverse organizations, including for-profit institutions, non-governmental organizations, academic and health research institutions, foundations, and civil society groups. Today, a variety of funding partners and African government use "Grand Challenges" to accelerate research, creating an expanding network of funding and research partnerships spanning diverse topics.

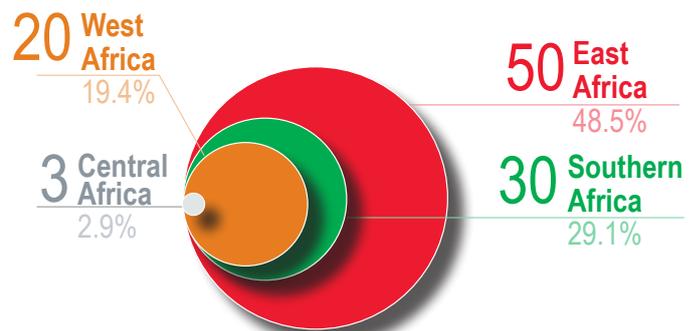
GC Africa funding model



Focus areas

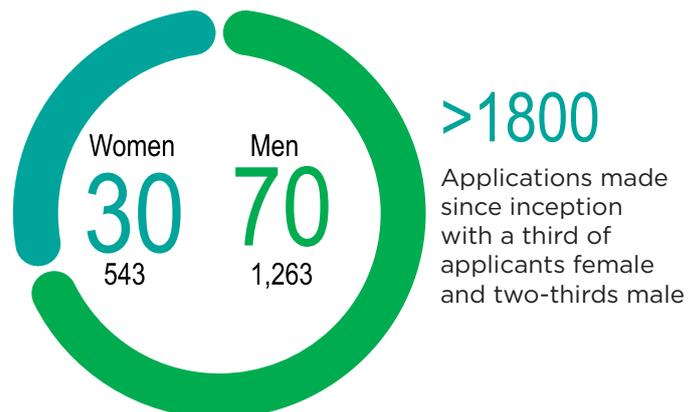


Funded innovations by region



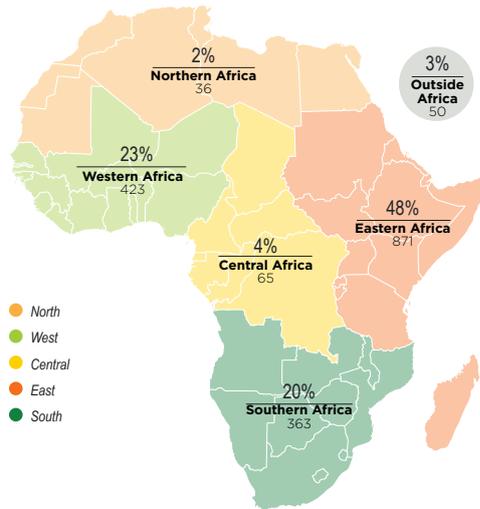
Nearly half of innovations being implemented in Eastern Africa, with Southern Africa and Western Africa being the second and third highest areas where GC Africa grants are being implemented.

Applicants by gender



Applications made since inception with a third of applicants female and two-thirds male

Applicants by region



Over 1800 applications made since inception with applicants mainly from Eastern, Western and Southern Africa

Funded innovation, institutions types



Achievements

1

Key outputs from grantee work



11 calls for applications run since inception



103 grantees funded



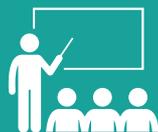
USD 34.5m won to date

2

Capacity building



17 undergraduates and postgraduates trained



1600 community implementors trained

3

Grantee work



>30 Stakeholder engagement meetings

Grantees in their projects have held various stakeholder engagement meetings with good representation to engage communities and implementors

4

Research and dissemination activities

8

Number of activities



Innovation & Science Entrepreneurship Program

111,820

Number of people reached

Some grantee research outputs resulting from GC Africa funding



29 Publications



7 Digital platforms/tools



Anti-Microbial Resistance (AMR)

13 Publications

1 Digital platform/tool



Drug Discovery (DD)

13 Publications



Maternal Neonatal & Child Health (MNCH)

3 Publications



Water Sanitation and Hygiene (WASH)

6 Digital platform/tool

Visibility

In collaboration with the global Grand Challenges Family



>5 Grand Challenges Annual Meetings (GCAM)



>5 learning and evaluation meetings held annually since inception of programme



>20 Videos showcasing meetings, GCAiN Platform and grantee innovations produced



>40 media articles published (across both grantees and programme team)



01 podcast on *Vaccine Hesitancy* by Dr. Moses Aloba



04 op-eds published across regional media

Beneficiaries



276

Mothers screened for TB with dried blood spot tests



1,711

Mothers screened by trained traditional birth attendants to reduce maternal depression in rural Kenya



1,929

Households (**18,151** people) using water ATM system as at end of 2021 in DR Congo



110,314

People in informal settlements with improved access to safe sanitation through an active network of **3,231** toilets and **115** in-home toilets



>1,300

Jobs created across the continent

Impact



Dahabo Adi
Solar powered bracelet for tracking pastoralist expectant mothers



Mboowa Gerald
Rapid Microbial Analysis Pipeline (rMAP)- Pipeline for automating analysis of Whole-genome sequencing (WGS) Illumina paired-end data for the clinically significant ESKAPE group pathogens



AMREF
Real-time data collection and management platform that automates processes focused on sanitation information (SaniDigs)



Jesse Gitaka
Point of care diagnostic tool in limited resource settings

This work was supported by:

BILL & MELINDA GATES foundation

Federal Ministry of Education and Research

Sida

jpiamr

international network Institut Pasteur

MMV Medicines for Malaria Venture