



AFRICAN CLIMATE INNOVATION CHALLENGE

theacic.com

*Empowering young Africans to create
impact in their local communities.*





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ABOUT ACIC

Overview

ACIC is a contest that challenges young Africans who are developing innovative startups that target climate change mitigation and adaptation and helps them to develop these into real solutions.

It is jointly developed and implemented by Green Africa Youth Organization (GAYO), 3 E's 4 Africa, and Start.Up Lounge Africa to focus on innovative minds and startups of young Africans and empower them to create a sustainable impact in their local communities through entrepreneurship and innovation to build resilience and adapt to the adverse effects of climate change.

The finals of the first and second editions were held in Ghana (2022) and Kenya (2023) respectively, both with great success.



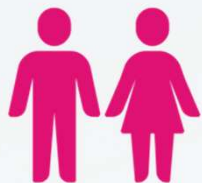
ABOUT ACIC

Objectives

- 01** Empower youth and local communities in Africa by providing entrepreneurship skills and tools and knowledge they need to create local impact.
- 02** Help African communities build resilience and adapt to the adverse effects of climate change locally.
- 03** Integrational knowledge sharing: bring together local traditional practices with scientific or modern methodologies.
- 04** Address and solve climate challenges by scaling sustainable innovation across Africa.

ABOUT ACIC

Target Group



Young Africans
from 18 - 30 years
living in African
countries.



At least 40%
female-led startups for
the incubator program.



Startups with a strong focus
on Climate Change
Adaptation and Mitigation,
and Sustainability



Startups of maximum 6
persons.



SUCCESS STORIES

ASILI KWANZA, **Uganda**

Asili Kwanza's major success came from winning the ACIC, securing a \$10,000 grant. This enabled them to scale operations, expand production, hire more staff, and relocate to a larger site. Acquiring land and constructing facilities like a solar dryer and production shed marked a significant milestone for increasing briquette production.

Despite challenges like inflation and electricity delays, the team adapted by using cost-effective materials, leveraging savings for website upgrades, and sourcing briquettes on credit from partners, showcasing their resilience and innovative problem-solving.



**Improved
Health**



**Affordability &
Accessibility**



**Environmental
Conservation**



**Economic
Empowerment**



**Energy
Security**



SUCCESS STORIES

LOW ALTITUDE MAGLEV, Ghana

The project has used bagasse, a sugarcane byproduct, to create activated carbon for CO2 capture, addressing local waste disposal issues and benefiting sugarcane vendors. The switch from Alnico magnets to neodymium N52/N54 magnets has boosted the wind turbine's energy output nearly tenfold, enhancing clean energy efficiency.

Despite logistical challenges, the team secured a workshop in Accra, ensuring continuous project development. Strategic partnerships, including with a Chinese magnet manufacturer, and proactive fundraising efforts have helped cover costs and protect intellectual property, keeping the project on track.



**Use of Waste
Materials**



**Technology
Advancements**



**Secured Workshop
Space**



**Strategic Partnerships
& Fundraising**



SUCCESS STORIES

ALGAS COMPANY, **Madagascar**

The project has gained strong support from the Lembeitake village community, with 85% of the population backing the implementation of seaweed farming. This is crucial for ensuring local cooperation and the long-term success of the initiative.

A key win is the focus on empowering women by offering economic diversification through seaweed farming. With 81% of women reporting that their income from fishing is insufficient, seaweed farming provides a practical solution for improving their financial independence. The team successfully identified optimal sites for seaweed farming through community engagement and surveys.



**Empowering Women through
Economic Diversification**



**Community
Buy-In**



**Identification of Optimal
Sites for Seaweed Farming**

OUR IMPACT

Join us to accelerate our impact across Africa!

Received **3000+**
applicants across
10 countries in
SSA



Delivered **300+**
hours of training,
coaching and
mentoring



Reached **50+** teams



Provided grants of up
to **EUR 40K+**

You can Support!

We are seeking partners and funders to help scale or accelerate the growth of the 2024 winners.



It is exciting that young adults are talking about what the roadmap for the future looks like. It is important for African youth to find solutions to the global climate problems.



**SHAHEEN
NILOFER**

Country Rep, UNICEF Kenya
ACIC 2023, Nairobi - Kenya



THE PARTNERS



Innovation in Africa is not merely a concept; it is a force that reshapes landscapes, redefines possibilities, and reimagines futures.



SUPPORTED BY



ENGAGEMENT GLOBAL
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Greenhouse



DESMOND ALUGNOA

Co-Founder, GAYO
ACIC 2023, Nairobi - Kenya



THANK YOU!

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