



**Calestous Juma
Legacy Foundation**

2018 - 2023 Progress Report



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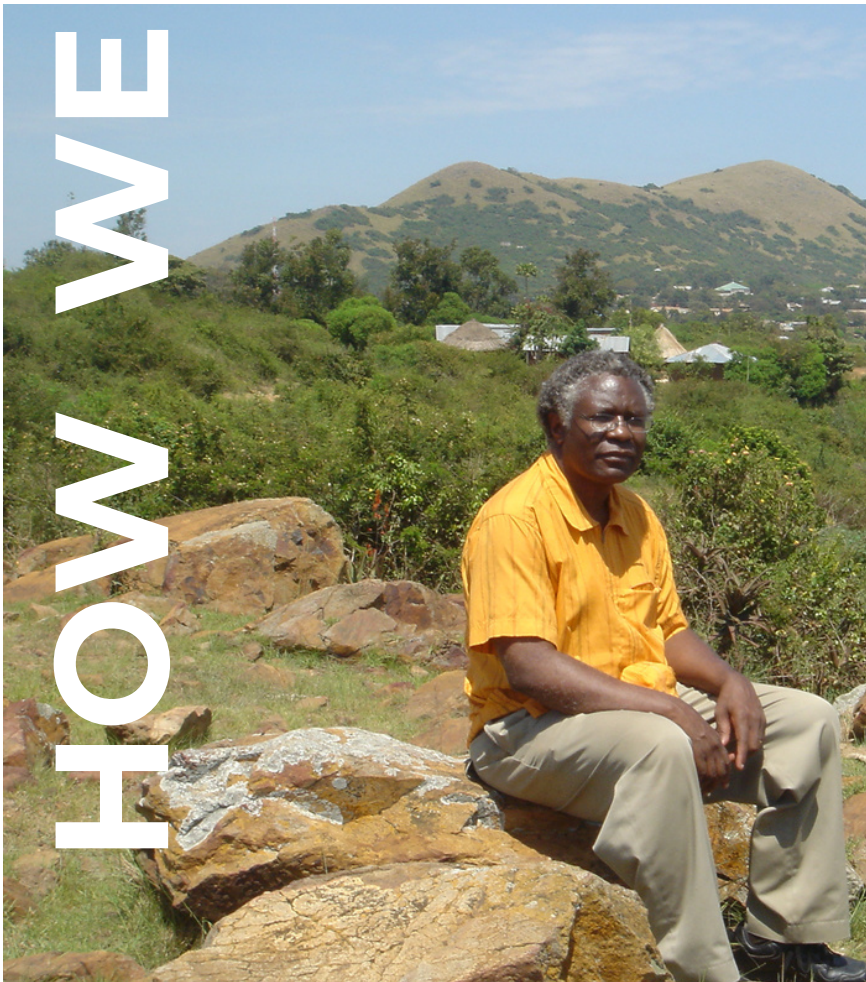
Founded on Calestous Juma's vision for Africa

Calestous knew that all human development ultimately takes place on the ground, in communities. The policies and investments that he spent his life working so hard for were a necessary framework, but he ran out of time to see that development happen in his hometown.

The **Calestous Juma Legacy Foundation (CJLF)** is proudly founded upon primary source concepts from Calestous, which he proposed would enable his home region to meet its development potential.

Near the end of Calestous' life, he expressed his wish to start an institute in Port Victoria, Kenya, to honor his parents. This was the inspiration for a group of his family, friends, and colleagues to come together to find a way to honor his wish and his legacy.

HOW WE



“Rural poverty is associated with factors such as poor infrastructure and logistics, inappropriate education and low skill levels, inadequate levels of capital investment in new businesses, and lack of access to markets for new products and services. Solving these challenges will contribute to the creation of meaningful jobs for the youth and for women.”

-Calestous Juma

HOW WE STARTED

"They say talent is universal, but opportunity isn't."
- Calestous Juma

The beginning of the CJLF story

Needs Assessment & Advisory Council

In **2018**, a needs assessment of Port Victoria was performed, and a group of people invested in Calestous' legacy met to decide the best way forward based on the results of the needs assessment. An Advisory Council was formed and plans for the Legacy Foundation began to emerge.

Incorporation and Nonprofit Status achieved

In **2019**, CJLF was granted status as a nonprofit 501(c)(3) and a Board of Directors stepped forward to govern, while the original Advisory Council has continued to play a key role.

In **2021**, CJLF hired a part-time Executive Director, and formed a local Advisory Group in Bunyala subcounty Kenya, adding a Bunyala Projects Coordinator to the team in **2022**.

In **2023**, the **Calestous Juma Legacy Trust Kenya**, a Kenyan Charitable Trust, was registered to facilitate our work locally.

"Acting locally to protect the health of people and the environment is what I have spent my life doing. Having lived in Kenya for a decade and spending time in Port Victoria I can't think of a better place to work with the community to do some truly innovative things that can help people and the ecosystems they depend on." - Alison Field-Juma, CJLF President

Mission

To promote and apply science, technology, and innovation (STI) to inspire sustainable development in Africa.

Values

Experimenting and learning—Seeding and building a belief in local action and supporting collective learning by youth and women to solve local problems, with the goal of building interdependence and preventing over-dependence.

Leveraging local content or inputs—Using local knowledge, infrastructure, and other local resources, such as young people's energy.

Adding value to existing initiatives—Building on promising existing local community efforts rather than duplicating and/or crowding out local initiatives.

Clearly articulating vision and resource limitations—Managing expectations by a) clearly articulating and emphasizing humility and simplicity, b) building human capabilities to be interdependent, and c) working toward the long-term public good rather than individual monetary gain.

Building local capacity and momentum—Aiming to build local capacity to carry the work forward in a manner that is responsive to changes in context and to continuous learning across all of the Foundation's projects and initiatives.

Maintaining the Foundation's initiatives as non-governmental, not-for-profit, and not political.

OUR PROGRAM PILLARS



Building Capacity in Bunyala Subcounty

Mobilizing and directing resources to enhance capacities of local institutions and individuals to achieve integrated, sustainable development.

Equipping African Leaders with Science, Technology, and Innovation (STI) Policy Skills

Training African leaders at the community, municipal, and national levels in STI policy to enable them to achieve sustainable development goals (SDG's).



Elevating African STI and Linking it to Development

Elevating and endorsing the excellent work of Africans in STI and helping to create linkages to sustainable development.

Stewarding Calestous Juma's Legacy

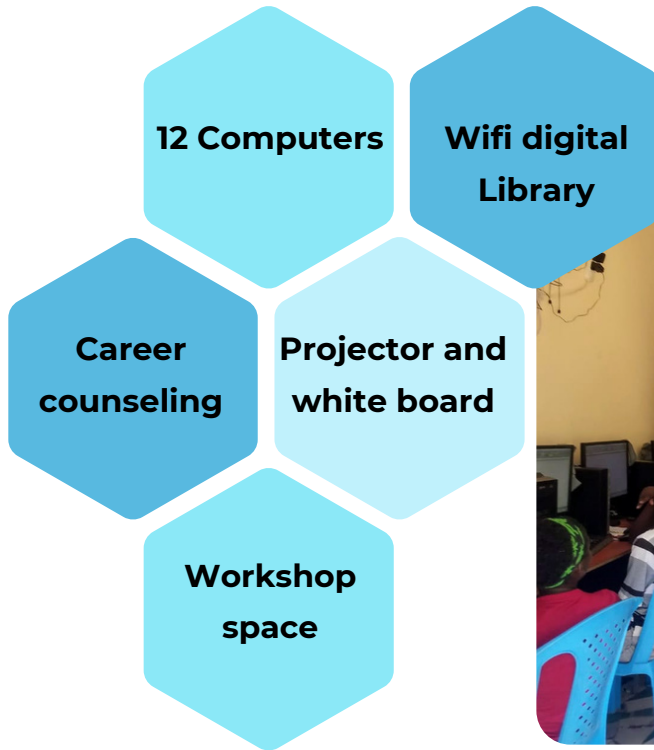
Ensuring that his ideas and insights are preserved and utilized to advance African sustainable development.



The Calestous Juma Innovation and Resource Hub

Opened on Dec 7, 2022, in Port Victoria, Kenya. Designed to 'bridge the gap' by providing training in basic computer skills for community members with a focus on access for women and girls.

The CJ Hub has been staffed entirely by volunteers trainers, clearly demonstrating the commitment of the local community.



"Thanks for impacting me positively with basic computer skills. I find it easy taking my computer classes now that I have the knowledge acquired at the CJ Hub."
 - Michael Aquilo, student at Maseno University



Over 150 learners trained

Over 180,000 learning hours completed

No fee for learners

Partnerships Benefit the CJ Hub

In the summer of 2023, the CJ Hub hosted two dynamic interns from the **Massachusetts Institute of Technology (MIT)**. Maxwell Onyango and Benjamin Lammers taught Python Programming and Advanced Microsoft Applications courses, and focused on problem solving and growth mindset.



“My hands-on skills with computers have grown, and I have better communication skills because I’ve been working alongside the instructors and other students in the classes.”

- Pascal Ojwang, CJ Hub student

In August 2023, the CJ Hub welcomed a group of **12 volunteers** from **Taiwan**, through our partners at **Science Innovation Africa (SCINOV)**. These volunteers engaged our learners in interactive teaching sessions and fostered cultural exchanges.

They also generously **donated 10 desktop computers** to two local schools, John Osogo Boys Secondary School (honoring the alma mater of the late Calestous Juma) and St. Anne Bunyala Girls’ Secondary School.



Co-hosted by CJLF and the African Centre for Technology Studies (ACTS), we have **convened 4 virtual gatherings** of experts to share their knowledge and innovations for development.



Calestous Juma Seminar Series

PAST THEMES

- 01 Re-igniting Africa Industrialization Through Inclusive Knowledge and Innovation
- 02 Steering Science, Technology, and Innovation to Achieve Sustainable Development Goals
- 03 Accelerating The Realization Of Sustainable Development Goals (SDGs) Through Artificial Intelligence Solutions
- 04 Accelerating Climate Action and Building Resilient Economies

“People, health, energy, and education must be at the heart of the engine that drives technology and innovation. Africa cannot succeed without the people of Africa.”

- Wes Harris (Professor of Aeronautics at MIT), 1st CJ Seminar

MADI - Calestous Juma Essay Competition for Youth

Our aim is to bring together great young African minds to deliberate on dynamic solutions to the persisting challenges that plague Africa’s mineral resource sector.

In our inaugural year, we received over 30 applications from youth. In the 2nd edition, the applications more than doubled to

over 90 applicants!

2022 Winners



FIRST PLACE WINNER
Adaji Ufedo-Ojo Eleojo



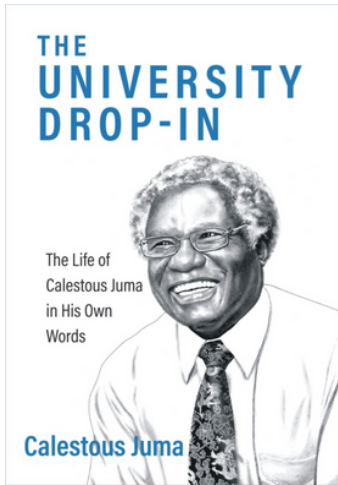
SECOND PLACE WINNER
Nwankwo Gideon



THIRD PLACE WINNER
Joshua John Inioluwa

2nd place winner Gideon Nwankwo joins the CJLF team as an intern in 2024.

The University Drop-In: The Life of Calestous Juma in His Own Words



Calestous Juma’s autobiography was launched successfully and is now available online and in Nairobi bookstores.



It went on to win accolades at two prestigious book festivals.

We’re advancing a marketing and promotion plan to reach more people with his inspirational story.

December 15th Remembering Calestous

Annual Event

Each year on the anniversary of Calestous’ passing we have celebrated his life and legacy, joined by friends, family, colleagues, and keynote speakers.



2021 Dr. Ibrahim Mayaki

2022 Dr. Ruhukana Rugunda

2023 Amb. Amina Mohamed

CJLF Internship Program

From Boston to Kenya to Malawi - we have had 7 capable and ambitious interns who have contributed significantly to our programs, communications, and grant applications.

Over 1000 unique visitors to our website in 2023

494 email subscribers and 54% open rate

Number of social media followers:
Facebook 144
LinkedIn 178

KEY PARTNERSHIPS

Partnerships are essential to our work, both as on the ground implementers and as thought partners and contributors to the development of our programs.



Strathmore
UNIVERSITY



NEXT STEPS

Where do we go from here? We're thinking deeply about sustainability, scaling, and the interconnectedness of our programs.

01

Sustainability and Scaling at the CJ Hub

With partners, CJLF has developed a proposal to build on our proof of concept phase and expand the services of the CJ Hub.

02

Linking STI to local social and economic challenges

We're bringing together communities and STI practitioners to address local challenges with the goal of empowering communities to find effective and sustainable solutions.

03

Blue Economy equity

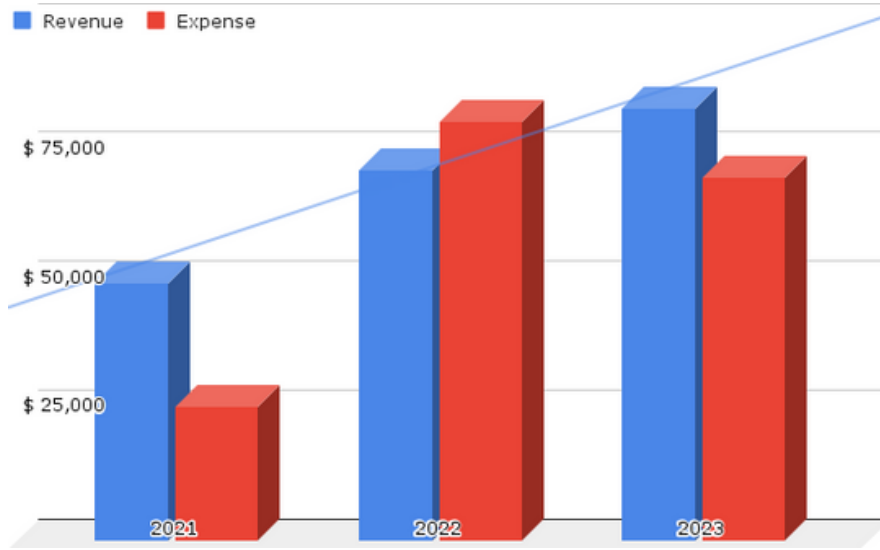
CJLF and partners are working on a proposal to contribute to strengthening capacities—technical, organizational, entrepreneurial, and social—of women and youth to enable their greater participation in the Blue Economy.

04

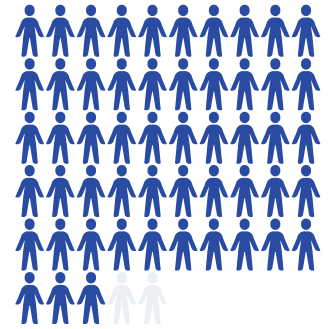
STI Training for leaders

We are seeking partners at the local and institutional level to co-develop a practical training program in STI policy literacy that empowers local leaders to advocate for and implement effective STI policy.

Revenue and Expenses



All time:
55 Donors



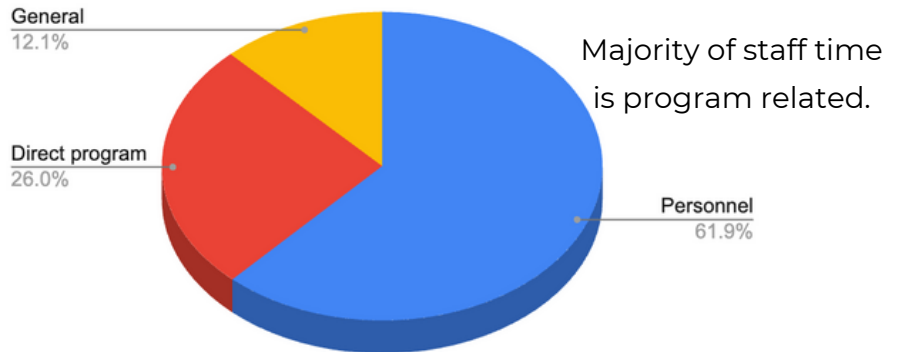
Only 2 lapsed
donors

CJLF revenue has shown steady and impressive increases each year in spite of a dramatic downturn in philanthropic giving in the US in 2022, thanks to generous individuals who believe in our team, our work, and who want to see Calestous' legacy have impact.

- 2021 to 2022 = 43% increase in revenue
- 2022 to 2023 = 16.5% increase in revenue

CJLF engages approximately 50 volunteers annually, totaling around 3150 hours/ year.

2022 Expense breakdown



Majority of staff time is program related.

Benchmark

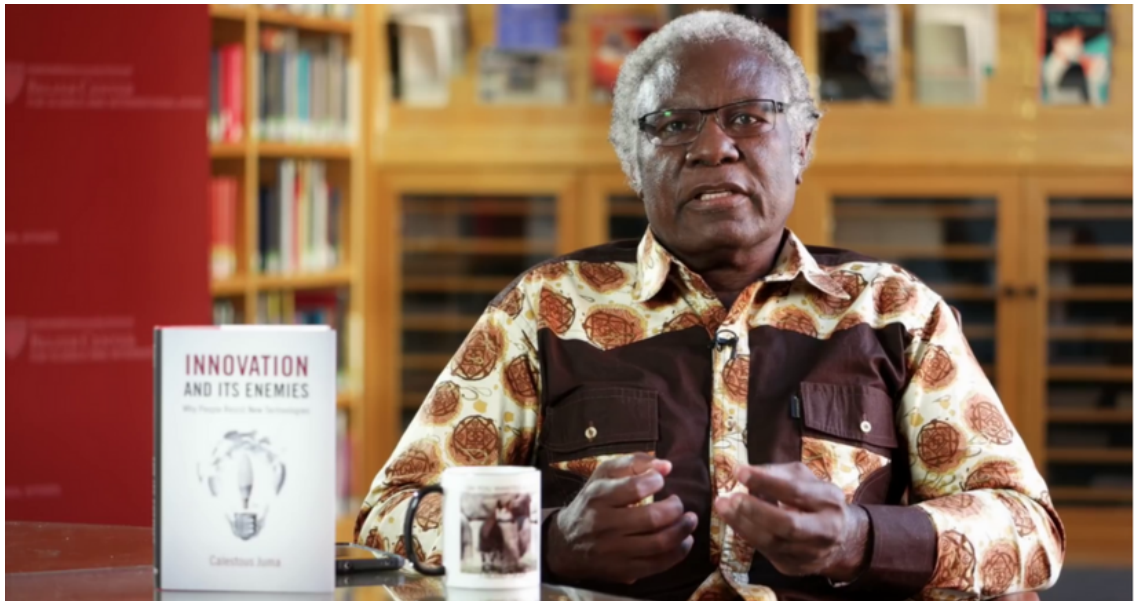
73%

from individual donors

The largest source of revenue for US nonprofit organizations in 2022 was individual donors who comprised 73%, compared to 21% from foundations.

OUR INSPIRATION

"I wish all youths in Bunyala could embrace learning digital skills and expand their knowledge in several aspects of their lives. And even the aged like me should keep on learning ...learning is a continuous process until when you exit the world." - 86 year old CJ Hub learner Casper Owaki



"The ability to harness the power of technology and engineering to solve social problems must be accompanied by complementary adaptations in social institutions. These advances will in turn demand the emergence of more scientifically and technologically enlightened societies guided by democratic principles in the social, political, and cultural arenas."
– Calestous Juma: *Innovation and Its Enemies*

ACKNOWLEDGEMENTS

With deepest thanks to CJLF's

Board of Directors

CJL Trustees Kenya

Bunyala Advisory Group

International Advisory Council

Founders Council

*for profiles of our team, please visit calestousjuma.org/meet-the-team

*We thank you for your continued support
in our efforts to contribute to the legacy of
Calestous Juma.*

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