<table>
<thead>
<tr>
<th>Page Range</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>pg 03-04.</td>
<td>HOW WE STARTED</td>
</tr>
<tr>
<td>pg 05.</td>
<td>OUR MISSION &amp; VALUES</td>
</tr>
<tr>
<td>pg 06.</td>
<td>OUR PROGRAM PILLARS</td>
</tr>
<tr>
<td>pg 07-10.</td>
<td>PROGRAM HIGHLIGHTS</td>
</tr>
<tr>
<td>pg 11.</td>
<td>KEY PARTNERSHIPS</td>
</tr>
<tr>
<td>pg 12.</td>
<td>LOOKING AHEAD</td>
</tr>
<tr>
<td>pg 13.</td>
<td>FINANCIAL SNAPSHOT</td>
</tr>
<tr>
<td>pg 14.</td>
<td>OUR INSPIRATION</td>
</tr>
<tr>
<td>pg 15.</td>
<td>ACKNOWLEDGMENTS</td>
</tr>
</tbody>
</table>
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

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.
"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.
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.

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).

Building Capacity in Bunyala Subcounty
Mobilizing and directing resources to enhance capacities of local institutions and individuals to achieve integrated, 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
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

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**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!

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**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.
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.

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**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.

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**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

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

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

**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.

**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.

**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.

**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.
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.

Majority of staff time is program related.

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

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

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

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