Clean Technology Hub
Energy Innovation Centre

2024

An Annual Report of CTH's Impact

We build people, markets and ecosystems to drive clean energy technologies and climate action innovations in Africa



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Energy Innovation Centre

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Clean Technology Hub at a Glance

Clean Technology Hub is a pioneering hybrid hub for the research, development, demonstration and incubation of clean energy ideas, technologies, and resources for clean energy organizations and environment and climate-friendly initiatives across Africa. Founded in 2016, Clean Technology Hub is headquartered in Abuja, Nigeria with virtual hubs spread across Nigeria and 6 African countries.

Over the past 6 years, Clean Technology Hub has promoted Africa's clean energy movement and green economy. We do this by supporting entrepreneurs and startups with incubation, acceleration, transaction advisory, and funding opportunities through our Enterprise Development and Support programs. We are in the forefront of driving just and equitable access to energy across underserved African communities through innovation, research, and social impact projects. We foster climate action and environmental sustainability through sustainability projects, community-led circular economy, climate justice and resilience initiatives, and consultancy.



Our Vision

Drive energy access and climate action through novelty in clean energy technologies, research and sustainable entrepreneurship.

Our Mission

Building ecosystems and communities of practice that are focused on practical innovations to address energy poverty, climate change, and sustainable economic development.

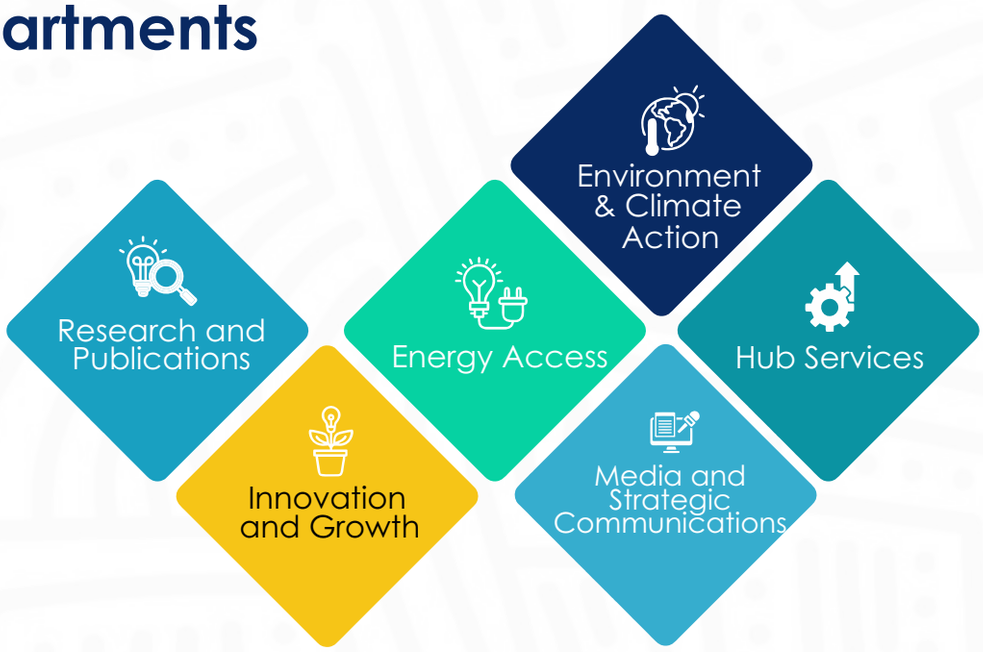
Our Positioning

Our goal is to advance the research and development of novel clean energy technologies and solutions, expand equitable access to sustainable and scalable energy models, foster practical innovations that drive initiatives that mitigate climate change, while promoting environmentally responsible cleantech practices across Africa. We also aim to build and nurture the next generation of Africa's energy leaders.

Cores Values

- Excellence
- Partnership
- Teamwork
- Innovation

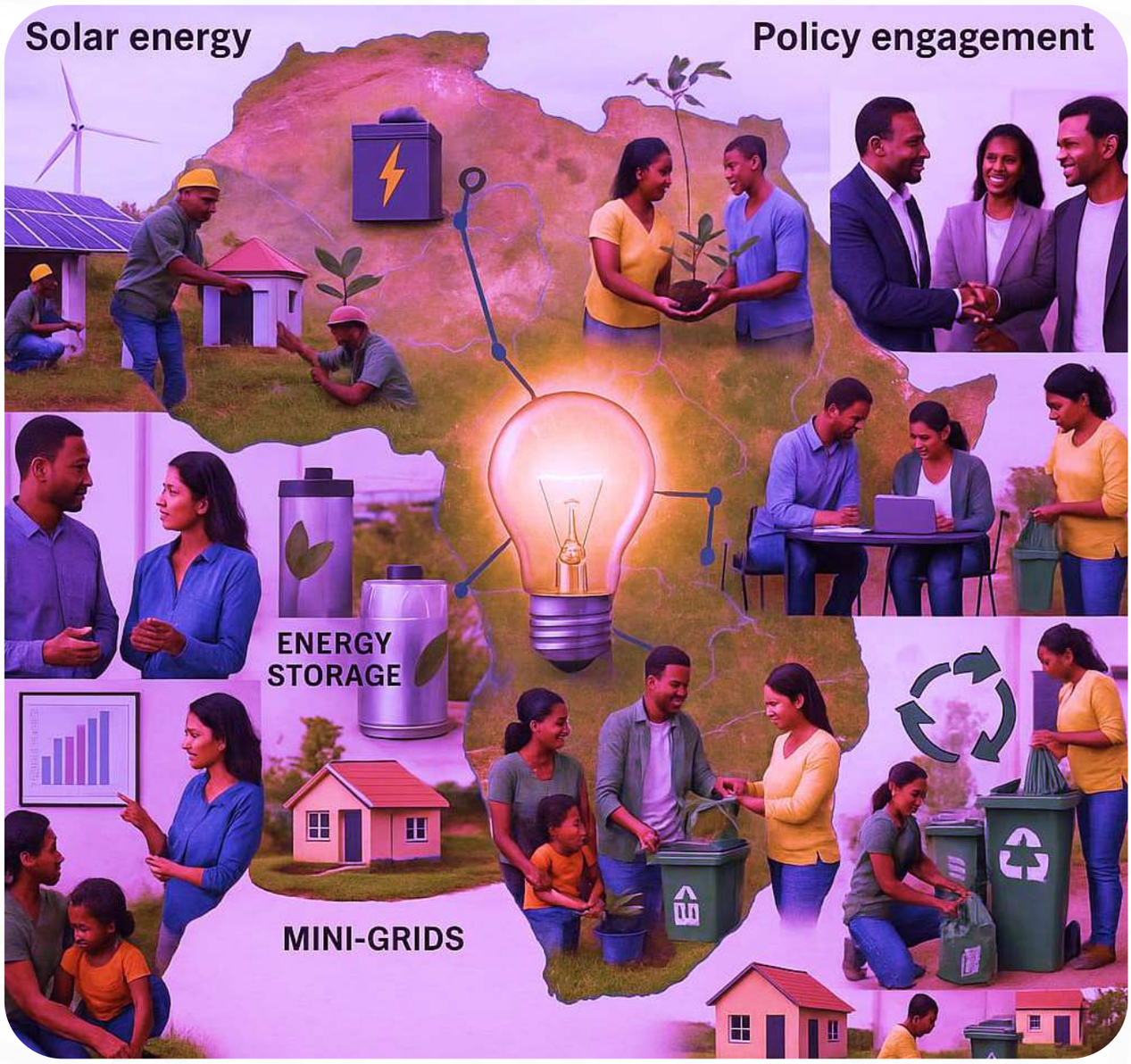
Departments



What We Offer



What We Do



Clean Technology Hub (CTH) accelerates clean energy access and climate action across Africa by driving data-informed innovation, enterprise support, and strategic policy engagement. We incubate high-potential ideas, support local hubs, and generate actionable insights through research and comparative market intelligence. By leveraging partnerships, design thinking, and a deep understanding of local regulatory landscapes, we enable scalable cleantech solutions that address Africa's energy poverty and promote sustainable development through community-led projects and circular economy initiatives. In 2024, our growing network of partner hubs expanded both reach and impact, validating CTH's role in powering a continent-wide cleantech ecosystem.

Foreword By
Chief Executive Officer

Welcome to the 2024 edition of our annual Impact Report Series.



As we draw the curtains on an extraordinary year, I reflect with immense pride on the journey we have undertaken - not just as an organization, but as a catalyst for sustainable transformation across Africa. From rural communities in Nigeria to innovation hubs across the continent, Clean Technology Hub has remained committed to enabling clean energy access, empowering entrepreneurs, and deepening climate resilience.

Over the reporting period, our work has touched lives across 7 countries, providing clean energy access to over 5,200 direct beneficiaries, training more than 2,500 young people in renewable energy and circular economy solutions, and supporting over 180 climate-tech startups through our enterprise development programs. From electrifying underserved communities and supporting African entrepreneurs, to shaping policy on energy transition and launching Africa's most inclusive youth climate summits, the impact is both deep and far-reaching.

Additionally, we hosted the second edition of the West African Sustainability Forum (WASF), focused on driving investments and adoption of Electric Mobility innovations across income and literacy levels. We also hosted the inaugural Nigerian Climate Investment and Finance Summit (NCFIS) convening over 650 stakeholders to drive local financing models for electric mobility, and de-risking private sector investments for Nigeria's energy transition. Key milestones at the WASF conference included the launch of the Nigeria E-Mobility Association and a regional roadmap for EV adoption, and the launch of the Nigeria Climate Investment Lab, respectively.

Furthermore, we supported women-led cooperatives in north-eastern Nigeria through our Driving Local Solutions for Energy Transition project - enabling solar-powered agricultural tools, boosting yields, and facilitating inclusive microfinance while our Inclusive Climate Entrepreneurship program piloted in Abuja trained rural

women microentrepreneurs using clean technologies and microcredit schemes to build climate-resilient green businesses - demonstrating the power of circular solutions to transform livelihoods.

Finally, our Environment and Climate Action Department delivered high-impact projects including the Nigerian Plastic Action Project and World Cleanup Day, engaging over 4,000 community members in recycling, environmental education, and advocacy. Youth-led innovation also took center stage through the Nigerian Students Climate Summit, while the Climate, Conflict and Fragility Summit launched Nigeria's Climate Action Advisory Council, aligning policy with grassroots realities.

As the global development finance environment shifts, Africa's access to grants continues to decline. In response, CTH began its strategic transition in Q4 2024 from a nonprofit to a social-for-profit organization.

This strategic pivot allows us to sustain our impact while unlocking new sources of revenue. Our initial efforts will include the establishment of a Plastic Recycling Facility in Abuja to create green jobs and reduce environmental degradation, and the development and sale of Nigeria-made solar products (solar backpacks and home systems). These initiatives amongst others will enhance energy access and generate sustainable income for the organization. This shift strengthens our ability to meet the evolving needs of the communities we serve, while remaining mission-aligned and impact-driven.

Looking Ahead: 2025 and Beyond

Under the theme **"Growth, Resilience and Knowledge: The CTH Journey,"** 2025 will mark a turning point in our evolution.

We will launch a Regional CleanTech Accelerator to support high-potential African startups and deepen our continental reach; deploy the CTH Academy, a web-based multilingual platform offering industry-aligned courses in renewable energy, ESG, climate finance, and more; expand our Community Circular Economy Business School Model, training entrepreneurs in clean energy and waste-to-wealth solutions; host the 3rd West African Sustainability Forum, with a focus on access to finance for electric vehicles (EVs) and building Africa's sustainable mobility ecosystem; operationalize our Plastic Recycling Facility and support community-led circularity projects, accelerating green job

creation and environmental stewardship; conduct impactful applied research on Africa's energy transition, climate financing, and circular economy pathways; producing actionable insights, publishing high-impact reports, hosting research-policy dialogues, and expanding our work with think tanks and academic institutions; and elevate our media strategy through the launch of CTH Online Radio - a 24/7 digital broadcast platform for clean energy, climate action, and sustainability storytelling.



These initiatives reflect our commitment to systems change - grounded in evidence, driven by innovation, and sustained by resilient communities and institutions. At CTH, we are not only responding to Africa's urgent climate and energy needs - we are shaping the future of inclusive, locally driven sustainability.

To all our partners, funders, team members, and communities - thank you for your trust, your resolve, and your shared belief in our mission. The road to a just and sustainable Africa is not easy, but it is necessary. Together, we are not just imagining the future - we are building it.

This report is a testament to what is possible when knowledge meets action - when growth is driven by values, and when resilience becomes our collective strategy.

Onward with courage, resilience, and knowledge.

Regards,

Ifeoma Malo

Co-founder & CEO

Why Should You Partner With Clean Technology Hub?



Clean Technology Hub is a trusted leader in Africa's clean energy transition, combining deep technical expertise with a proven record of delivering high-impact, community-centered solutions. We work across the clean energy value chain - spanning renewable energy, climate resilience, and sustainable development - powered by data, innovation, and partnerships.

Our credibility is built on longstanding collaborations with government agencies, global funders, industry leaders, and civil society. From shaping national policy to delivering grassroots projects, we bridge the gap between strategy and action. With over 300 ecosystem partners and a strong footprint across Nigeria, we ensure every initiative is inclusive, scalable, and grounded in local context.

Partnering with Clean Technology Hub means joining a network that turns clean energy, sustainability, and circular economy ambition into real-world impact.

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Our Global Impact In Numbers



Since 2016

>500
Cleantech startups trained

>$3,000,000
In blended funding raised for pipeline startups

>90
Startups accelerated via blended financing

>100
Strategic partnerships forged with leading institutions worldwide

>17,500
Direct beneficiaries across all projects and programs

>390,500
Indirect beneficiaries

>5,200
Women-led micro-enterprises supported

>4,500
Youths trained on renewable energy and circular economy

>3,000
Students trained on climate innovation

>70
Renewable energy and sustainability projects delivered across Africa

>15
Nigerian rural communities electrified through clean energy solutions

>500
Research reports published on energy access and climate

Quotes About CTH From the Network

West African Sustainability Forum

My key takeaway from the e-mobility conference is that scaling charging infrastructure and supportive policies are critical for widespread EV adoption. Collaboration across sectors is essential to unlocking the full potential of sustainable transportation.

Mary Saffa,
Ministry of Trade and Industry

The opportunity for the Emobility transition exists, and it will be a long-term, difficult process because it does take a lot of integration across multiple sectors and multiple solution sets (grid, safety, charging networks, financing, building public transit, etc.). CTH is helping to close the gap and advance African's clean mobility goals.

Christina Borsum,
New Energy Nexus

I'm happy to see a country like Nigeria is evolving to utilize electric vehicles, just as in other developed countries, and such forums like this one will help grow that vision into a reality.

Sylvester Osinachi Iro,
Solar Start Ltd

E-mobility is the way to go. Alternative energy sources will revolutionise the transportation industry in Nigeria and the trickle-down effect will have a massive impact on logistics costs, which in turn will impact job creation and food security.

Brian Allison, ZOOMe

There is immense potential for e-mobility in West Africa, but to seize these opportunities, there is a need for collaboration, clear and strategic policies, and innovative financing Solutions.

Kariuki, Mercy Corps

Quotes About CTH From the Network

Capacity Building of a New Generation of Energy Practitioners: People-Centered and Holistic Approaches to Off-Grid Electrification in Nigeria

The most valuable thing about the training for me was its well-rounded, holistic approach, covering essential aspects of the Distributed Renewable Energy (DRE) industry. The topics really offered deep insights into community-based approaches and all other critical considerations for sustainable DRE project success. The training facilitators coming from the practical points of view as well made it as interesting and mind-shifting as it can be.

Abdullahi Oyelakin,
Engineering Student

The course provided insights into participatory project design, which I applied in my current role as a Technical Project Manager. By integrating community feedback into our solar energy projects, we've improved project acceptance and sustainability. This approach has also enhanced collaboration with local stakeholders, ultimately leading to more successful project outcomes.

Akachukwu Simon Mbe,
Technical Project Manager

Part of my work in product development is to understand what people's energy requirements are and how to meet them. The course taught me what factors to consider.

Yusuf Sanni,
Product Manager

Yes, the module on Community-based approaches to DRE project design & implementation has been useful in my line of work. After taking the course, I managed an electrification project in my community and the community engagement skills helped me tremendously.

Olanrewaju Lois Oyindamola,
Milsat Technologies Limited

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Energy Access Department



Major Milestones

The Energy Access (EA) Department remains at the forefront of delivering sustainable and inclusive energy solutions to underserved and unserved communities in Nigeria and across sub-Saharan Africa. Our mission is to bridge the energy divide through innovative interventions that enhance economic opportunities, improve livelihoods, and promote climate resilience.

In the reporting period, we expanded our reach by deploying decentralized renewable energy solutions, strengthening local energy markets, and empowering communities through capacity-building initiatives. This report highlights the key achievements and strategic actions engaged to amplify our impact

Key Outcomes

Expanding Energy Access to Underserved Communities

Through our community initiatives, we successfully supported underserved communities in adopting clean energy solutions.

9
Communities supported on renewable energy adoption

>3,200
Households reached

>5,200
Total beneficiaries

>130
Productive-Use Ventures

Enhancing Capacity Building & Training for a Resilient Workforce

Our training and workforce development initiatives have empowered individuals to participate actively in the clean energy economy.

50
Women trained in green entrepreneurship

12
Energy literacy workshops hosted

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35
Solar PV and battery technicians trained (reaching over 2,000 participants across diverse regions)

60
MSMEs integrated into the clean energy value chain (strengthening last-mile distribution networks and increasing technology adoption)

Driving Financial Inclusion and Energy Financing

Recognizing the affordability barrier to clean energy adoption, we implemented innovative financing models to enhance energy accessibility

100
Households and businesses accessing PAYGO solar solutions

2
Local cooperatives formed to enhance access to inclusive finance

2
Partnerships forged with microfinance institutions

These interventions allowed for flexible, low-cost financing; increased the availability of credit for energy-related investments; unlocked opportunities for more energy entrepreneurs and consumers; and scaled up community-based energy projects.



Energy Access Program Spotlights

Capacity Building of a New Generation of Energy Practitioners: People-Centered and Holistic Approaches to Off-Grid Electrification in Nigeria



The WISIONS of Sustainability-supported project implemented by CTH with support from the Wuppertal Institut, built the capacity of a new generation of energy practitioners to design and implement community-centered, decentralized renewable energy (DRE) systems in Nigeria. Following a six-week online training, eight top-performing trainees engaged in a three-day immersive practicum featuring field assessments, technical workshops, and collaborative mini-grid feasibility studies. Hosted in Petti Community and CTH's Innovation Hub in Abuja, the practicum enhanced participants' practical knowledge of mini-grid operations, inclusive design, and socio-technical solutions. This initiative empowered youth from diverse regions with the tools to advance equitable energy access, promote sustainability, and advocate for off-grid electrification as a lever for climate resilience and inclusive development.



Major Highlights

50
Participants

8
Trainees Selected For Practicum (from a pool of nationwide online participants)

3
Days for Practicum

5
States represented (Abuja, Lagos Kaduna, Kwara, Osun)

>30
Community Members Reached during field interviews

2
Debate and Case Study Sessions

2
Keynote Speakers and Experts engaged

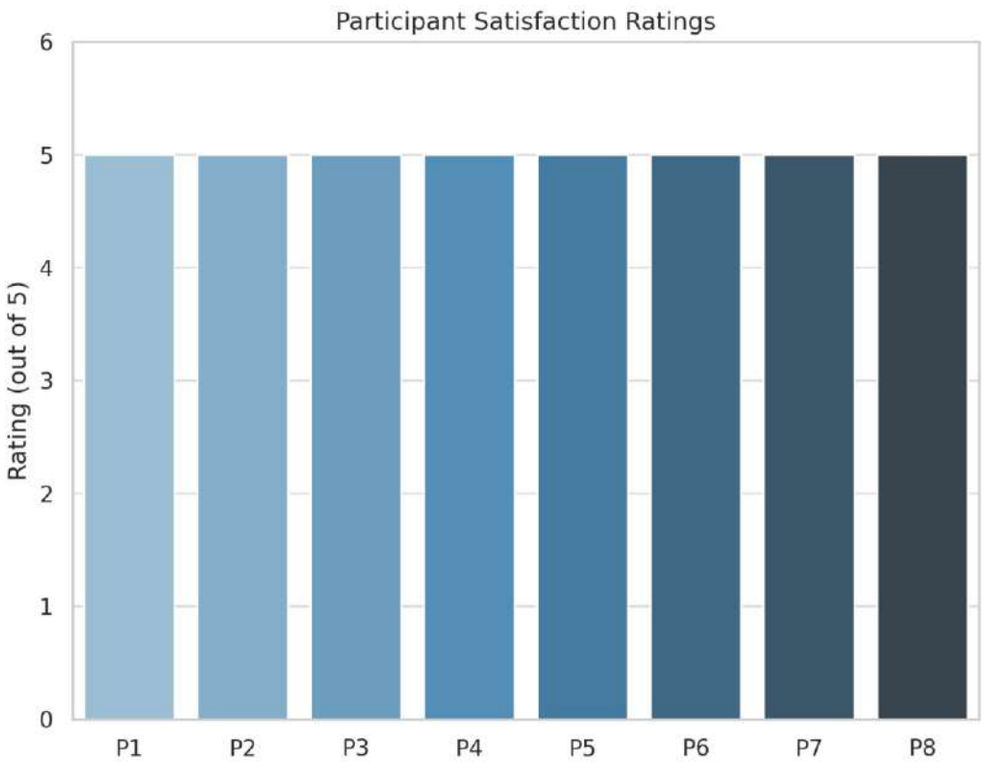
6
Group Presentations conducted

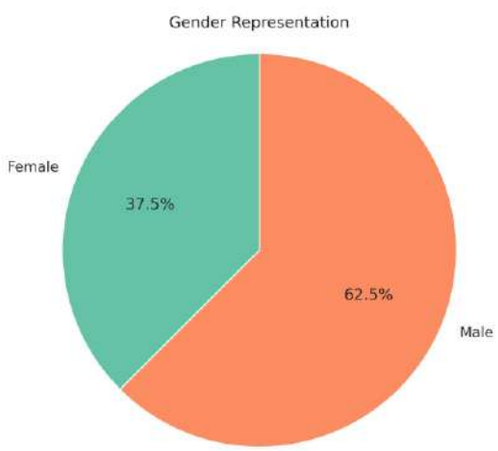
100%
Participant Satisfaction Score (via survey)

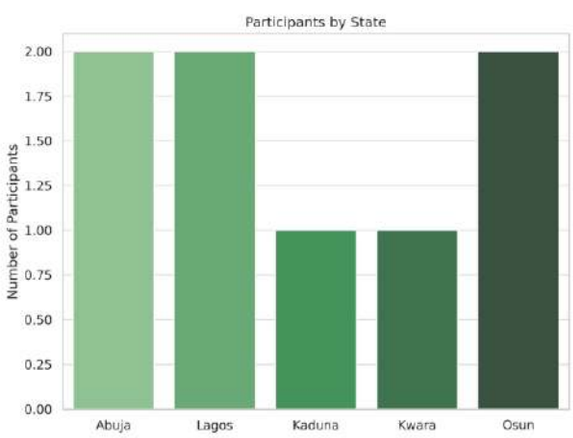
100%
Affirmed reports by participants on increased knowledge & readiness

8
Ecosystem support

Major Highlights







The West African Sustainability Forum (WASF) 2024

The **West African Sustainability Forum 2024,** hosted by CTH with support from the African Finance Corporation, convened over 350 in-person and virtual participants from across West Africa to catalyze sustainable electric mobility solutions in the region. Featuring expert-led panels, exhibitions, and cross-border dialogue, the forum tackled policy gaps, financing strategies, local manufacturing, and investment readiness for e-mobility. Key outcomes included the launch of the Nigeria E-Mobility Association and the establishment of a regional roadmap for EV adoption. By fostering collaboration among governments, investors, innovators, and civil society, WASF 2024 advanced the momentum for cleaner, inclusive, and low-carbon transportation systems in West Africa, promoted youth- and gender-inclusive green tech policies in Nigeria, Ghana and Kenya, and enhanced awareness among policymakers of the role of youths as private actors in driving climate adaptation and innovation.









Major Highlights

>365
Total Participants (in-person + online)

8
Participating Countries (Nigeria, Côte d'Ivoire, Sierra Leone)

>10,000
Estimated event reach (via social media and publications)

1
Industry Association (launched Inaugural AGM held with 4 elected officials)

4
Stakeholder Groups Represented (Government, Private Sector, NGOs, Academia)

5
Plenary sessions

7
Exhibiting Companies







For more information on the West African Sustainability Forum (WASF) 2024, please scan the QR code: Link

Inclusive Climate Entrepreneurship

Empowering Women through Microcredit and Clean Energy for Green Entrepreneurship



This Inclusive Climate initiative, implemented by CTH with support from the Climate KIC and Irish Aid, was designed using our Street Business School model to empower rural women micro-entrepreneurs, through renewable energy (RE) adoption and financial inclusion. Key achievements included the formation of 2 women-led cooperatives, 1% interest on microloans secured, and 70% transitioning to clean cookstoves, reducing health risks and boosting productivity. Capacity-building workshops (7 sessions) enhanced financial literacy and business skills, while partnerships with microfinance institutions facilitated low-interest microloans. The project fostered peer mentorship and community-led sustainability, with several participants scaling businesses using RE solutions. The first phase of this program was piloted in 2 communities in Abuja, Nigeria - Nyanya and Kpaduma.

Key Outcomes

100
Women Microentrepreneurs trained

2
Cooperatives established

10
Businesses expanded

70%
Adopted clean cookstoves

7
Workshops conducted

1%
Interest rate secured for microloans (per partnership with MFIs)

70%
Reduced firewood use, lowering respiratory risks





To access the published article on Inclusive Climate Entrepreneurship, scan the QR code here:

The Driving Local Solutions for Energy Transition Project



The Driving Local Solutions for Energy Transition in Gombe State project, implemented by CTH with support from Heinrich Böll Stiftung (HBS), supported over 50 women smallholder farmers and SMEs through renewable energy (RE) solutions. The project enhanced knowledge of solar-powered tools (e.g., grinders, dryers), established RE cooperatives, and linked participants to microfinance opportunities. Key outcomes included a 100% increase in awareness of RE benefits, formation of 5 women-led cooperatives, and a pledged 100 MW state RE initiative. Stakeholders from Gombe's Ministry of Agriculture and Bank of Industry endorsed scalable models, while media coverage amplified advocacy for gender-inclusive energy policies. The success of this project has resulted in replication requests from 3 LGAs and inspired land acquisition for RE-integrated agriculture.

Major Highlights

>50
Women trained

>30
Stakeholders engaged

5
Cooperatives formed

100%
Participants gained RE knowledge (via survey & assessments)

80%
reported cost savings via solar tools

2
Partnerships secured with MFIs

1
Agricultural group adopted solar dryers

3
LGAs committed to replicating model

Key Outcomes

Economic Impact

40% Increase in income for businesses using solar tech due to extended operating hours

50% Increase in yield reported by farmers using solar irrigation systems

>400 direct and indirect jobs created in clean energy installation, distribution, and servicing

Social Impact

65% Women-led businesses experienced growth due to affordable, reliable energy access

Significant reduction in respiratory diseases among households due to adoption of cleaner cooking and lightning solutions

55% Increase in membership of local cooperatives (up from 33% in 2023) to enhance access to inclusive financing opportunities

Environmental Impact

30% Decreased reliance on firewood, promoting sustainable forest conservation

4,500 Metric tonnes of Co2 emissions avoided through clean energy adoption

Promotion of e-waste recycling and safe disposal of used batteries and solar panels

National Disability Dialogue 2024

In 2024, CTH received an Award for Participation and Contribution at the National Disability Dialogue, presented by Cedar Seed Foundation. This recognition celebrated our ongoing commitment to inclusion, accessibility, and climate justice, ensuring that persons with disabilities are not left behind in the just energy transition.

Our participation highlighted the intersection between disability rights and sustainable development - advocating for inclusive clean energy solutions, adaptive technologies, and equitable policy frameworks. Our engagement reinforced the importance of designing climate and energy interventions that are accessible, affordable, and responsive to the diverse needs of all citizens.

Expansion of Community Electrification Projects

Targeting 20 additional communities with decentralized renewable energy solutions. Deploying larger mini-grids and integrated energy systems to power essential services.

Scaling Innovative Financing Models

Enhancing PAYGO models to reach lower-income households. Establishing a dedicated Clean Energy Investment Fund to support entrepreneurs and SMEs in the sector.

Strengthening Policy Advocacy & Stakeholder Engagement

Collaborating with government and industry stakeholders to shape policies that support clean energy access. Expanding our advocacy for incentives such as tax breaks and subsidies for solar and clean cooking solutions.

Leveraging Technology for Impact

Deploying AI and IoT-based energy management systems to optimize energy use and enhance efficiency. Expanding the use of digital platforms for consumer education and engagement.

Capacity Development & Workforce Training

Expanding vocational training programs to equip more technicians and entrepreneurs with clean energy skills.
Establishing partnerships with universities and technical institutions to mainstream renewable energy curricula.

> The Energy Access Department continues to play a transformative role in bridging the energy gap through scalable, community-driven solutions in Africa. As we look ahead, we remain dedicated to advancing equitable, sustainable, and inclusive energy access by prioritizing innovation, strategic partnerships, and community engagement.
>
> **Desmond Bardeson**
> **Manager, Energy Access**

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Environment and Climate Action Department



Major Milestones

The Environment and Climate Action (ECA) Department serves as a core driver of CTH's mission to advance environmental sustainability and climate resilience across Africa. Through a portfolio of integrated programs and targeted interventions - cutting across Circular Economy, Climate and Youth, Fragility, Health and Migration, Carbon Markets, and Natural Resource Governance - our work promotes inclusive, systems-level solutions that strengthen the adaptive capacity of African communities and markets.

Our work is grounded in evidence-based programming and guided by a results-oriented MEL framework that ensures continuous learning, accountability, and impact. We implement high-impact projects designed to drive clean technology adoption, foster climate-smart entrepreneurship, and build community resilience in the face of environmental challenges.



Key outcomes from our interventions include strengthened institutional ecosystems, increased uptake of sustainable market practices, enhanced community knowledge and agency, and accelerated progress toward Africa's green transition. The ECA Department remains committed to fostering innovation and collaboration as we work to ensure that both current and future generations thrive in a sustainable and equitable environment.



Our Impact

6
Projects
Implemented

5
Communities
Served

1
Webinar
hosted

12
Articles
Published

7
New Partnerships
Forged

6
Podcast
Episodes

2
Digital
Campaigns

Environment and Climate Action Program Spotlights

During this reporting period, CTH significantly advanced its environmental and climate change objectives through a series of high-impact initiatives targeting policy awareness, behavioral change, stakeholder engagement, and climate education.

The Nigerian Students Climate Summit (NSCS) 2024

The Nigerian Students Climate Summit 2024, organized by CTH with support from the Africa Policy Research Institute (APRI) and Health of Mother Earth Foundation (HOMEF), empowered 248 senior secondary and university students from 51 schools to ideate and showcase climate-smart innovations. Through interactive panels, performances, and the CleanTech Innovation Challenge, students addressed critical issues - from waste management to energy access - proposing feasible local solutions. The summit amplified youth voices in climate policy, catalyzed climate education, and stimulated cross-sectoral dialogue on sustainable development. It laid the foundation for a national youth climate movement and built capacity for innovation, leadership, and grassroots advocacy for climate action across Nigeria.







Upon conclusion of the CleanTech Innovation Challenge, Government Secondary School, Kubwa, emerged tops with its "Future Smart City Web." Government Science Technical College, Garki, placed second, showcasing "Production of Biogas and Organic Fertiliser from Bio-waste." The Nigerian Tulip International Girls College, Wuse 2, came third with its "Green City model," while Springhall British School, Maitama, rounded out the winners with its "Energy efficiency IoT home device."



Major Highlights

51
Participating Schools

248
Total Student Participants

57%
Female Participants

43%
Male Participants

21
Schools Exhibiting Innovations

4
Schools received cash awards

4
Judges and Industry Experts

2
Plenary Sessions

10
Cultural and Artistic Presentations

>2,000
Estimated event reach (via in-person and digital platforms)

For more information on the Nigerian Students Climate Summit 2024, please scan the QR code:

We firmly believe that empowering students is the key to driving meaningful change in the fight against climate change. The NSC summit is a transformative platform for students to gain invaluable insights, connect with like-minded peers, and unlock their potential as future climate champions. By participating in this summit, students are taking a significant step towards shaping a sustainable future, filled with hope and possibilities.

Ifeoma Malo
CEO/Co-Founder,
Clean Technology Hub

Advocacy and Multi-Stakeholder Engagement

The Nigeria Climate, Conflict, and Fragility Summit (NCCFS) 2024

The Nigeria Climate, Conflict, and Fragility Summit 2024, implemented by CTH with support from Skoll Foundation, HOMEF, APRI, and Surge Africa, successfully convened 260 stakeholders - including policymakers, youth, and civil society to address climate-driven challenges. The summit catalyzed a national dialogue, mapped climate-conflict hotspots, and launched the Climate Action Advisory Council (CAAC) to drive policy integration. Key outcomes included actionable strategies for resilience, enhanced multi-sector collaboration, and commitments to grassroots adaptation. The event amplified advocacy for climate-smart policies, influencing Nigeria's COP29 agenda and fostering long-term frameworks to mitigate climate fragility and conflict.



Major Highlights

260 Attendees

57% Youth attendees

10 Panelists

2 plenary sessions

2 Keynote Speakers

7 Priority recommendations adopted (including green infrastructure, conflict resolution mechanisms)

>15 Organizations partnered

4 Government agencies engaged post-summit



Major Highlights

1
Fireside Chat

1
Joint communiqué issued

1
CAAC established to guide national climate resilience

94%
Participant satisfaction (per feedback) with 90% reported deepened understanding of climate-conflict links

> *The NCCFS was a transformative experience, masterfully orchestrated by the CTH team. The insights gained have equipped me and the Little Acre Range Crew with actionable tools to drive climate resilience in our communities. The summit's collaborative spirit and innovative solutions left a lasting impact - I eagerly anticipate future editions to continue this critical dialogue.*
>
> **Amuda Khallilulah**
> **Participant, NCCFS**

For more information on the Nigeria Climate, Conflict, and Fragility Summit, please scan the QR code:

Circular Economy and Plastic Waste Reduction

World Cleanup Day 2024: Make Room For Life

In commemoration of World Cleanup Day 2024, CTH, in collaboration with the Embassy of Sweden in Nigeria and with support from SevenUp Bottling Company, FCT Health Services and Environment Secretariat, Food and Beverage Recycling Alliance (FBRA), and Ecobarter, hosted one of the largest civic environmental actions in the country - uniting citizens, sustainability advocates, and policymakers in a bold stand against plastic pollution and climate inaction.

Themed **"Make Room for Life: Reduce Your Carbon Footprint"**, the two-part event combined community-led cleanup, climate education, and policy dialogue - amplifying the message that environmental protection is both a civic responsibility and a pathway to systemic change.



Major Highlights

4km walkathon

>50kg Plastic waste collected

3 Plastic receptacles deployed

>500 Participants

1 Digital campaign

Exhibition Booth

Medical Outreach



Phase 1: Walkathon & Waste Collection Campaign

- Over 500 volunteers, students, CSOs, diplomats and citizens participated in a 4-kilometer eco-walk from Jabi Garage to Jabi Lake Park in Abuja.
- Thousands of plastic bottles and recyclables (over 50kg) were collected along the route and transferred for recycling.

The walk symbolized collective action, raising awareness about Nigeria's plastic pollution crisis, where over 130,000 tonnes of plastic enter water bodies annually.

Phase 2: Climate Dialogue at Jabi Lake Park

- Plenary sessions and keynote addresses focused on climate financing, loss and damage in Africa, and the role of citizen action in shaping climate outcomes.
- Stakeholders included environmental experts, youth leaders, diplomats, media, and government representatives.

The event also featured a digital challenge award, exhibitions, and a free medical outreach.



Key Outcomes

Public Sensitization:

The campaign sparked widespread awareness on the intersection of plastic waste, climate change, and health, reaching thousands physically and online.

Behavioral Change:

Participants pledged to adopt sustainable habits, demonstrating increased awareness around waste disposal and personal carbon footprints.

Youth and Community Engagement:

The event was a melting pot featuring a multi-generational, multi-sectoral coalition of actors committed to environmental action.

Infrastructure for Impact:

4 plastic collection hubs were established at Jabi Lake and Millennium Parks, in Abuja promoting long-term recycling and environmental stewardship.

Policy Influence:

The initiative fed into national efforts such as the Nigeria National Plastic Action Roadmap, advancing the country's goal of sustainable plastic use and waste management.

I'm inspired. For the first time, I saw policymakers, youth, and everyday people working side-by-side. The message is clear: climate action is everyone's job.

Timi Adewale,
NYSC Volunteer



This isn't just about picking trash. It's about reclaiming our responsibility to the planet. The synergy of walking for the environment and talking about sustainable waste management approaches in one space made this event truly special. We need more of this in Nigeria.

Odion Ibadin, Assistant Manager, Environment and Climate Action



Seeing international partners like the Embassy of Sweden support local efforts makes me hopeful. Together, we can beat plastic pollution.

Selina Oguntola,
CTH Representative



The Nigerian Plastic Action Project (NPAP)

The Nigerian Plastic Action Project empowered 4 underserved communities in Abuja through environmental education, skill-building, and plastic waste reduction initiatives. By promoting behavioral change and community-led recycling this project, supported by the UNDP GEF-SGP, advanced grassroots climate action, improved public health awareness, and fostered sustainable livelihoods in vulnerable urban and peri-urban communities.

Additionally, we deployed a baseline and post-KAP (Knowledge, Attitude, Practices) survey across 6,400 households, providing critical data for evidence-based waste management interventions.





Major Highlights

4
Communities Reached (Mpape, Nyanya, Kubwa Kabusa/Lokogoma)

>4,000
Total beneficiaries Engaged

160
Community volunteers trained

120
Informal waste workers trained

4
Rounds of Plastic Awareness campaigns per community

>16
School and Fath-based events held

8
Plastic Upcycling and Entrepreneurship Trainings held

642
Pre- and Post-KAP survey respondents (55% women, 45% men)

2
Stakeholders Engagement sessions





Major Highlights

4
Pilot waste collection hubs explored with CSOs Partners

>8
Advocacy visits conducted

3
Radio outreach aired in 3 languages on 3 stations

>50,000
Estimated Reach via Radio & Social Media

For more information on the NPAP, scan the QR code below:

Public Awareness and Policy Dialogue

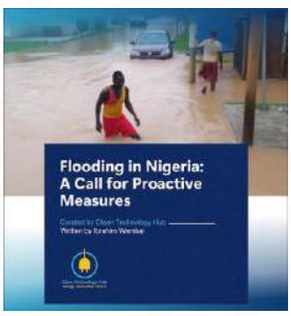
The Carbon Market Awareness Month generated over **1,952 views** through our Carbon Market Education Series, underscoring growing public interest in carbon financing and offsetting. We also organized several knowledge-sharing platforms,

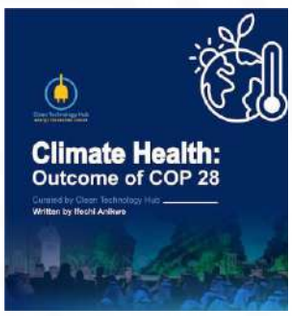
including the Post-COP28 Week Review and the Introduction to Decarbonisation for SMEs and Startups webinar, which trained women-led enterprises on climate-smart strategies.

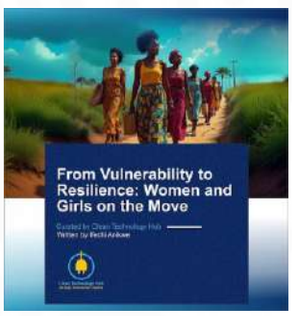
Knowledge Dissemination and Media Engagement

We launched a climate-focused podcast featuring episodes such as Post-COP28 Review, Climate, Conflict and Fragility, and Bridging Faith, Fostering Unity. These narratives expanded the conversation beyond traditional stakeholders, mobilizing new audiences including faith-based actors and grassroots movements.

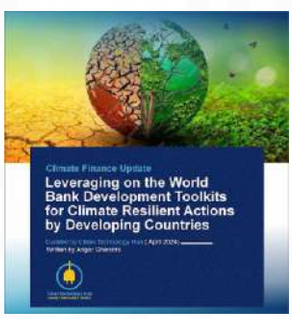
Published Articles

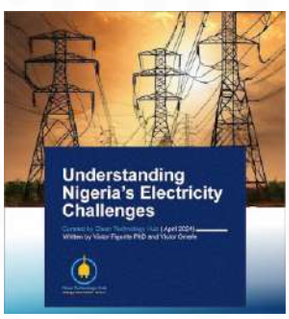


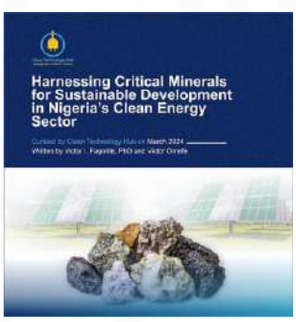


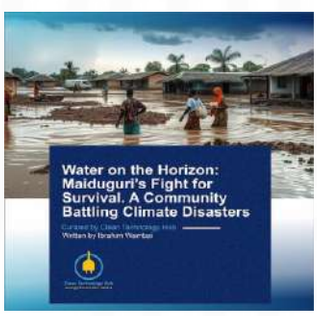




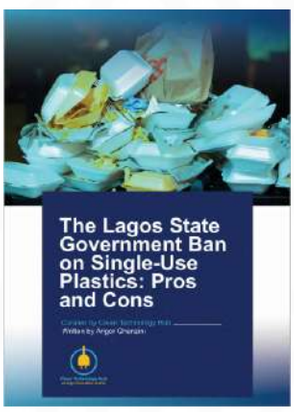


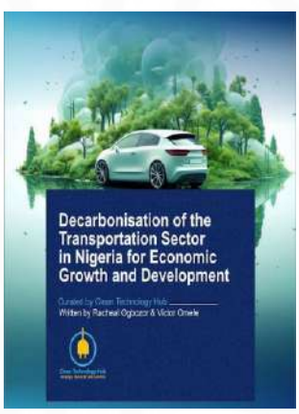








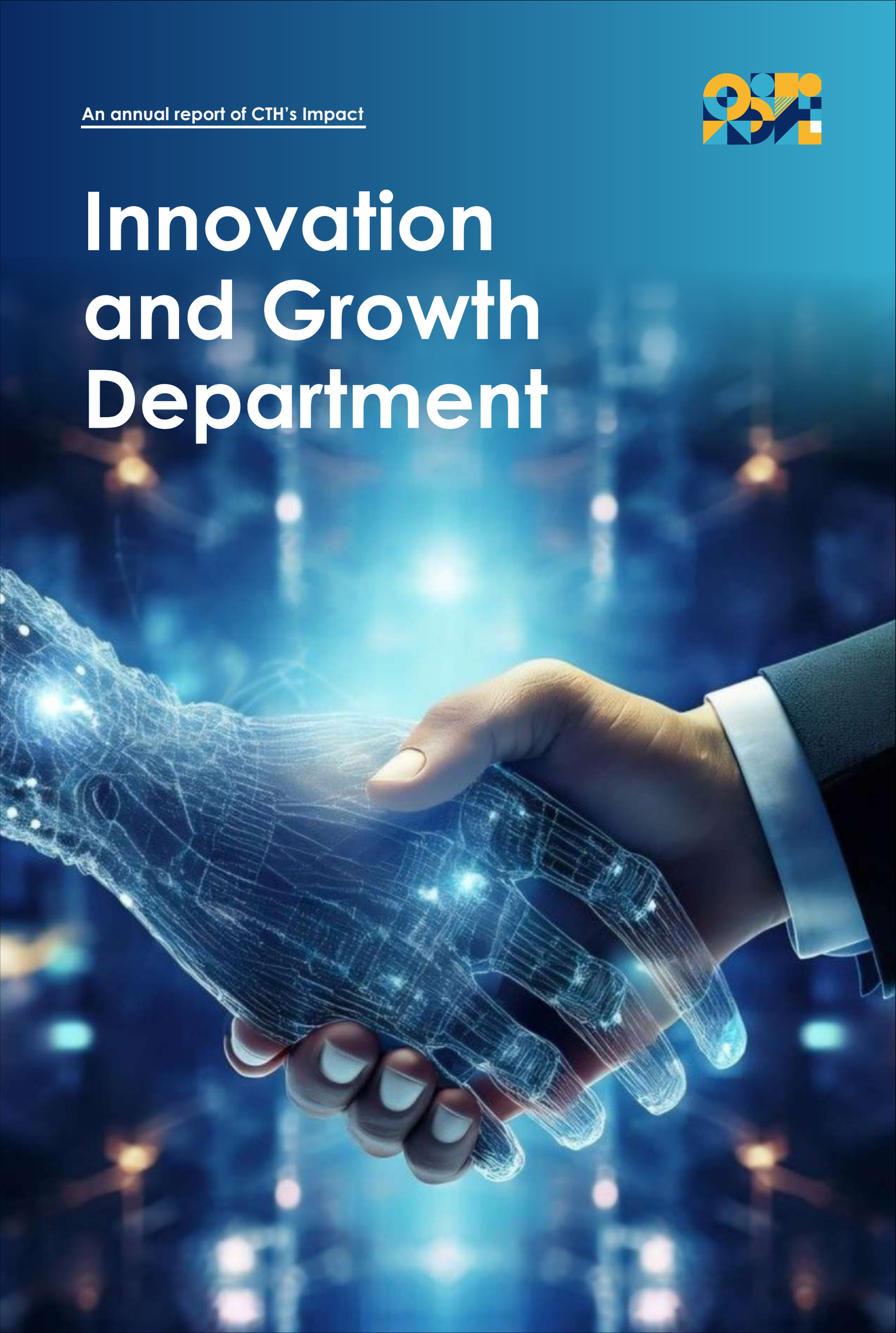




To access the reports published by the ECA department, please scan the QR codes below:

An annual report of CTH's Impact

Innovation and Growth Department



Major Milestones

The Innovation and Growth (I&G) Department offers unparalleled strategic incubation and acceleration support to entrepreneurs across the energy and climate sustainability landscape. From facilitating Deal Rooms to supporting African-led solutions from the very inception of an idea to the crucial early stages of development, we provide essential funding, expert mentoring, and access to impactful investments.

>130 Cleantech startups Accelerated

4 Deal Rooms Facilitated

29 Grant Awardees

$92,000 Grants Awarded

>210 Direct Beneficiaries

>1350 Indirect Beneficiaries

The Enterprise Development Program (EDP) focusses on addressing Africa's tripartite crisis: disproportionate vulnerability to climate change, high youth unemployment, and a significant gender gap in entrepreneurship. Despite contributing only 4% of global greenhouse gas (GHG) emissions, African nations experience some of the most severe climate impacts. Meanwhile, youth unemployment rates in Nigeria, Ghana, and Kenya exceed 30%, leaving millions of young people underemployed despite educational attainment. Women entrepreneurs, who constitute 26% of business owners in sub-Saharan Africa, receive less than 7% of venture capital funding.



The clean energy and climate tech sector presents a high-growth opportunity, driven by increasing demand for alternative energy solutions, climate-smart agriculture, green infrastructure, and sustainable mobility. However, young entrepreneurs and job seekers face barriers such as lack of business knowledge, technical expertise, and

financial access. The EDP directly addresses these challenges by equipping women and youth, particularly from low-income backgrounds, with the necessary skills, mentorship, and capital to launch and scale green businesses, and gain employment in the green sector.



Programs like the All On Off-Grid Incubator, RevUp Women Initiative, SheSustains Accelerator and EcoFintech Accelerator implemented by CTH have supported over 500 African cleantech startups through incubators and accelerators, providing seed funding up to $300,000 USD to 18% of beneficiaries since 2020 with women-, and youth-led enterprises constituting 90% of grantees.



Investing in Impact: Powering Sustainable Futures in Sub-Saharan Africa

Leading global donors - including the UPS Foundation, Visa Foundation, Amazon, Reckitt, Skoll Foundation, Reiner Lemoine Institute, Wuppertal Institute, Open Society Foundation, Heinrich Boell Foundation, Power Africa, Climate-KIC, International Climate Initiative, ClimateWorks Foundation, African Climate Foundation, Acumen, Africa Enterprise Challenge Fund, FCDO, and New Energy Nexus - have partnered with CTH to drive sustainable economic transformation across sub-Saharan Africa.

Through their investments, millions of dollars have empowered:

- Women-led businesses and youth-driven ventures to scale their revenue and expand customer bases in the green economy.
- Renewable energy access for underserved communities bringing clean power, cooking solutions, and climate-smart agriculture to thousands.
- Circular economy innovations that transform waste into value-added, profit-making enterprises, shifting mindsets on sustainability.

These strategic investments are not just funding businesses - they are fueling change, empowering communities, and creating lasting economic opportunities.

EDP Program Spotlights

SheSustains Accelerator

The SheSustains Accelerator is a cohort-based accelerator designed to provide female green entrepreneurs with continuous support including local and international business models exposures, incubation and acceleration opportunities via dedicated and monitored activities for participants

This 6-month program implemented by CTH in Nigeria featured:

- Intensive Training & Personalized Mentoring
- Demo Day (Pitching Competition)
- Network of Experts
- International Exposure
- Access To Resources & Cleantech Ecosystem



Program Goals

- Support **1,000** women to kickstart their entrepreneurial journey and scale their green businesses by the year **2030**
- Drive access to seed funding for women-led and women-benefitting initiatives that will create **100,000** jobs in the clean energy sector by the year **2030**
- Close the funding gap by channeling at least **$1 million** into women-led climate initiatives by **2030.**

The training, resources, and seed funding made available by the SheSustains Accelerator to women-led cleantech startups (ideation-, early-, and growth-stage) will enable beneficiaries to scale their businesses, drive impact across the clean energy and climate change landscape, and become future leaders in clean energy.

This program is aligned with the following United Nations SDGs





Major Highlights: SheSustains Accelerator - Cohort One

81
Participants

14
Taught Modules

>750
Minutes of Personalized Mentorship

2
Regional events hosted (Conferences & Networking Mixers)

1
Demo Day (Pitching Competition)

∞
Ecosystem support







Key Outcomes

>5
Skill-sets trained including FinanciaL Literacy, Branding & Pitching, Impact Evaluation & Reporting, ESG & CSR, AI for Business.

>20
Mentors Connected with participants

19
Awardees

$67,000
Grants Disbursed

2
PWDs participants (with one emerging as an awardee)







Ecofintech Accelerator

The EcoFintech Accelerator was implemented in Nigeria to accelerate the growth of climate-focused fintech solutions and clean tech startups to promote African-led climate resilience and sustainable development with support from the African Climate Foundation (ACF). This program builds capacity in accessing climate adaptation finance and contributes to broader socio-economic transformation. By linking technical training, mentorship, and direct grant funding, the EcoFintech creates measurable change in green entrepreneurship.



Designed to bridge Africa's climate finance gap, the EcoFintech Accelerator advanced 50 early- and growth-stage climate tech startups over a period of 6 months, equipping them with the tools to unlock investment, refine sustainable business models, and navigate complex green finance instruments.



This program featured:

- Group Mentoring
- International, Regional, and Local Case Studies
- Business Proposal Writing Masterclasses
- Demo Day (Pitching Competition)
- Grant Funding
- Access to Climate Finance Investment Opportunities

Program Goals

- Support **500** African green entrepreneurs to scale their enterprises by the **year 2030**
- Drive access to climate finance for high-potential businesses that will create **80,000 direct and indirect** jobs in the African climate change landscape by the **year 2030**



This program is aligned with the following United Nations SDGs



Major Highlights: EcoFintech Accelerator 2024

50
Participants

2
Regional events hosted

13
Taught modules

Demo day
(Pitching competition)

∞
Ecosystem support





Key Outcomes

>5
Skill-sets trained including Climate Finance Instruments, ESG and Impact Investing, Grant Proposal Writing, Impact Reporting.

>10
Industry experts connected with participants

5
Masterclasses on fundraising

10
Awardees

$25,000
Catalytic grant funding disbursed



Before joining the EcoFintech Accelerator, navigating climate finance felt like an insurmountable challenge. Through the training sessions, I gained hands-on knowledge about green securities, ESG investing, and structuring bankable climate projects. Today, Rania Technologies has successfully developed an investment-ready proposal, and we're in discussions with investors for the first time. The grant funding secured from this program has transformed my business trajectory and given me the confidence to scale impact-driven green solutions in Nigeria.

Nyce Okoto
COO, Rania Technologies

Attending the roundtable discussion on e-mobility was a game-changer. It not only exposed me to the policy landscape but also connected me with key industry players who are already working on electric vehicle (EV) adoption. I left the event with a clear roadmap for how my company can leverage fintech solutions to accelerate EV accessibility in underserved areas and enhance adoption of clean cold-chain logistics in Nigeria. Thanks to EcoFintech, we are now exploring microfinancing options to make clean cold-chain logistics more inclusive.

Ikechukwu John
COO, Condor Foods Processing Corp

The EcoFintech Accelerator gave me an entirely new perspective on sustainable business models. Learning about climate adaptation finance, impact storytelling, and financial sustainability has completely reshaped how I position my business. Beyond just funding, the program has equipped me with a strategic approach to measuring impact, which is crucial for attracting investors and partners.

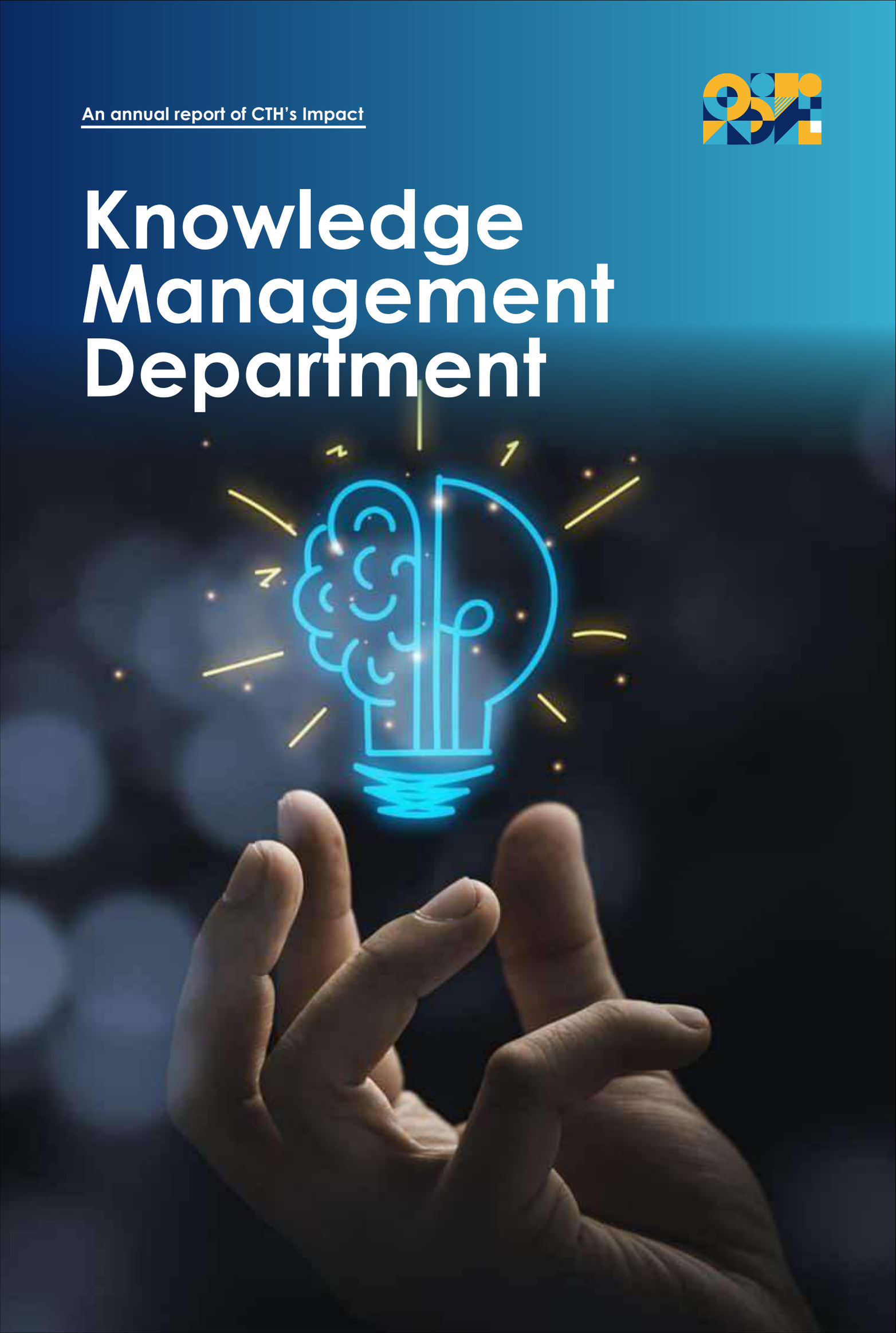
Oduh Daniel
CEO, Lushberry Homes

EcoFintech is driving Africa's transition to a low-carbon economy by equipping climate-tech startups with technical and financial tools. The program is unique in its approach, linking finance, sustainability, and innovation to produce investable businesses. This is the future of climateentrepreneurship.

Nina Afani
Chief Growth Officer, CTH

An annual report of CTH's Impact

Knowledge Management Department



Major Milestones

The CTH Academy

Empowering Africa's Green Future Through Inclusive Climate Education

The CTH Academy is a transformative, African-centred digital solution developed by CTH to bridge knowledge gaps across Africa, equipping learners with the skills needed to drive renewable energy adoption, climate resilience, and sustainable development. Aligned with global climate goals and Africa's just transition agenda, the Academy will democratize access to high-quality education, fostering a new generation of innovators, professionals, and advocates.

Learning Model and Delivery

Multilingual, Mobile-First Access:

Courses delivered in English and French, accessible via smart-phones, supporting remote learners across Africa.

Modular and Flexible Learning:

Self-paced video lessons, interactive quizzes, and downloadable toolkits ensured accessibility and knowledge retention.

Real-World Skill Alignment:

Course themes included solar installation, e-mobility, ESG reporting, sustainable agriculture, and green entrepreneurship.

Blended Learning Integration:

Webinars and live Q&A sessions complemented asynchronous modules for practical learning engagement.

Through the CTH E-Learning Academy, we will

- Launch a job-matching platform to link learners with employment opportunities
- Pilot VR-based technical training in development

Key Metrics and Goals

>10,000
Learners targeted by 2030

60%
Learners under 35 years

>30
Taught modules

>35
Institutional partnerships forged including NGOs, MDAs & academia.

30-70%
Scholarships (supporting over 3,000 underserved learners)

5
Thematic areas tailored courses in green finance, renewable energy, climate advocacy, green entrepreneurship.

> *Designed to democratize learning, the CTH Academy is enabling youth, women, educators, and grassroots leaders to become active agents of climate action. With interactive modules, expert-led content, and multilingual access, it is driving change. Through the CTH Academy, we are cultivating a climate-literate generation ready to tackle today's challenges and build a more just, green, and resilient future.*
>
> ***Dorcas Samuel,***
> ***Lead, Enterprise Development Programs***





CTH Newsletters

20
Newsletter editions distributed

53%
Growth in subscribers (up from ≈2,000 in 2023)

>1200
Average engagements per edition

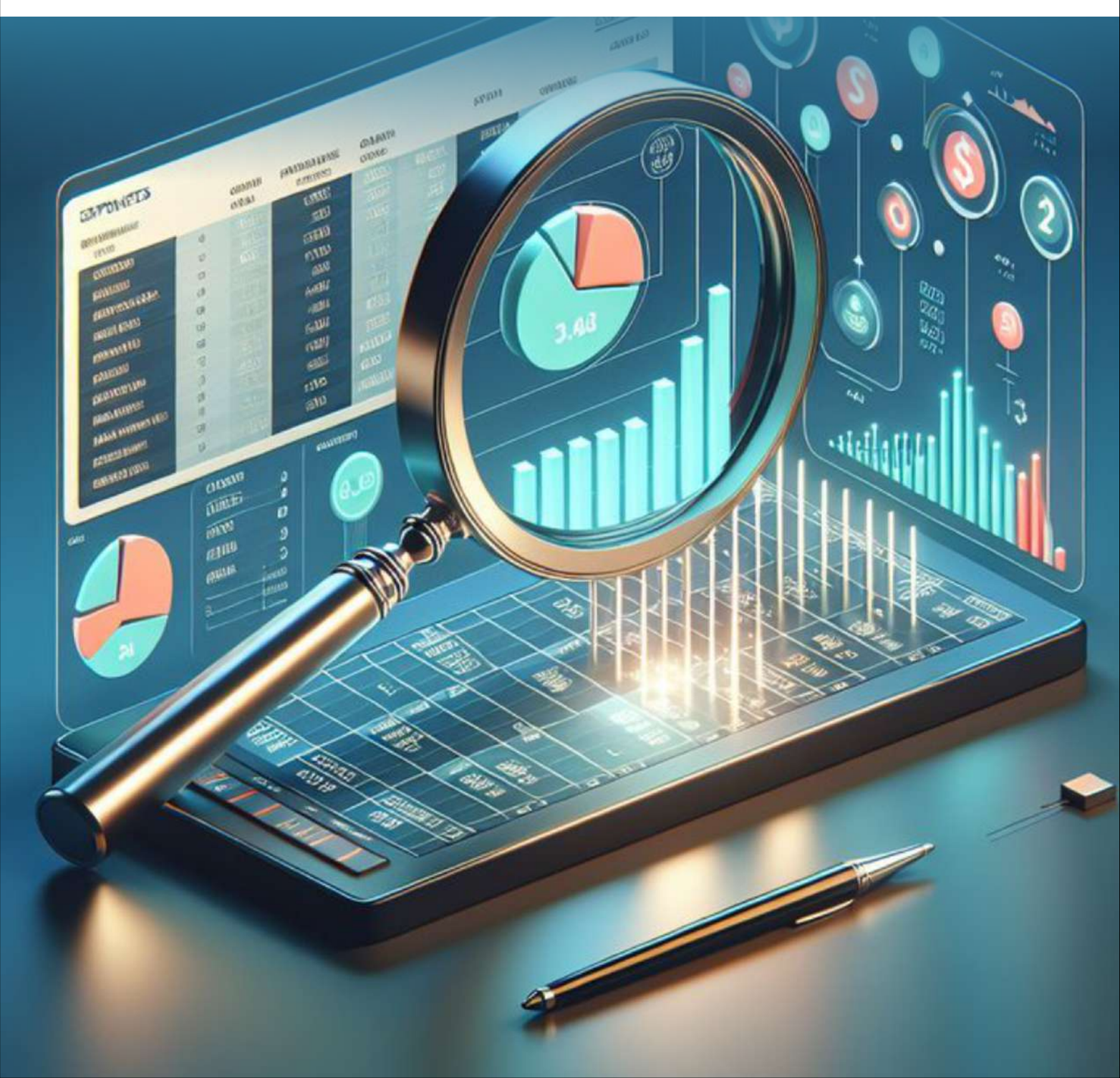
In 2024, CTH's newsletters evolved into a high-performing knowledge product, reaching a wide spectrum of stakeholders and fostering thought leadership.

Featured success stories and partner insights that converted awareness into action - with 60% of readers applying learnings to their work or communities.

> *With a focus on accelerating homegrown solutions to global challenges, the I&G department supported a new generation of climate-tech entrepreneurs and innovators who are redefining what is possible for sustainability across the continent. This year, CTH created and nurtured a thriving ecosystem that brought together early-stage startups, researchers, funders, and policymakers. Through strategic programs, technical assistance, and catalytic financing, we supported the incubation and scaling of climate-smart enterprises delivering tangible solutions in areas such as renewable energy access, sustainable agriculture, circular economy, electric mobility, and carbon markets.*
>
> **Imasogie-Efeosa Temple, M. I.**
> **Assistant Manager, Innovation & Growth**

An annual report of CTH's Impact

Research Department



Major Milestones



CTH researches key policy, market, and industry issues affecting the African continent. As an independent think tank with strong institutional African partnerships, we link rigorous evidence-based research to policy and practice, amplify existing work and co-create new ones. As a public-facing institute, CTH offers an innovative and engaging platform where policymakers, businesses, civil society organisations, and research communities from within and outside Africa can engage with each other. CTH's core research products are Policy Briefs, Commentaries, Short Analyses, Expert Interviews and a podcast.

Major Highlights

48
Blog Articles Published

22
Reports and Research Papers Published

2
New Partnerships Forged

3
Applied Research Projects

>100
Expert Interviews conducted

Research Project Spotlights Climate and Youth

Scaling green technologies and youth employment in African tech startups Countries of Focus: Nigeria, Ghana, and Kenya.

In 2024, Clean Technology Hub, in partnership with the Africa Policy Research Institute (APRI) and supported by the Mastercard Foundation, led a multi-country applied research initiative exploring the intersection of green technology, youth employment, and gender inclusion. The project focused on three high-impact sectors across key African markets:

- Solar mini-grids (Nigeria)
- Climate-smart agricultur (Ghana)
- Electric mobility (Kenya)

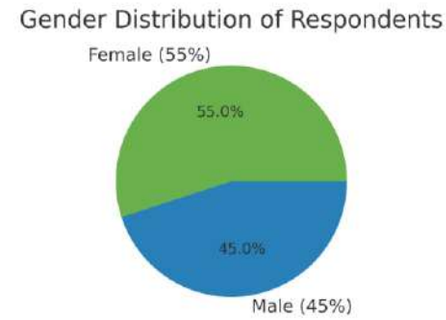


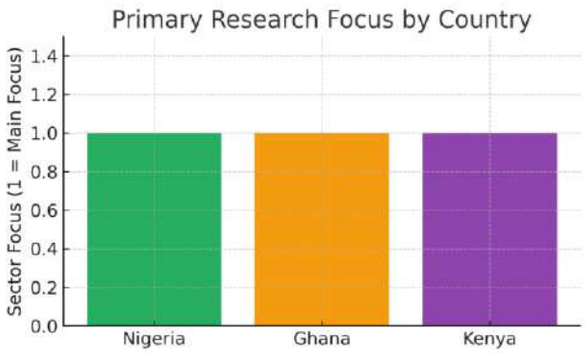
This project generated actionable evidence to inform inclusive policy, support youth-led innovation, and promote equitable access to green employment opportunities across sub-Saharan Africa.

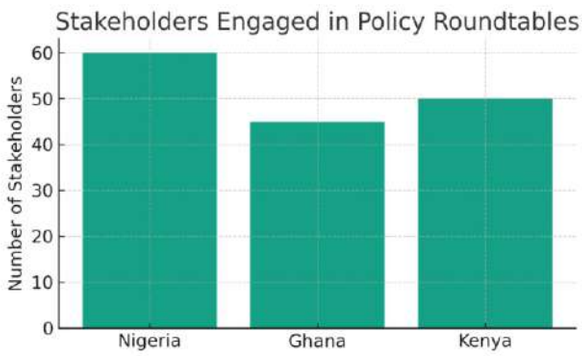
Objectives

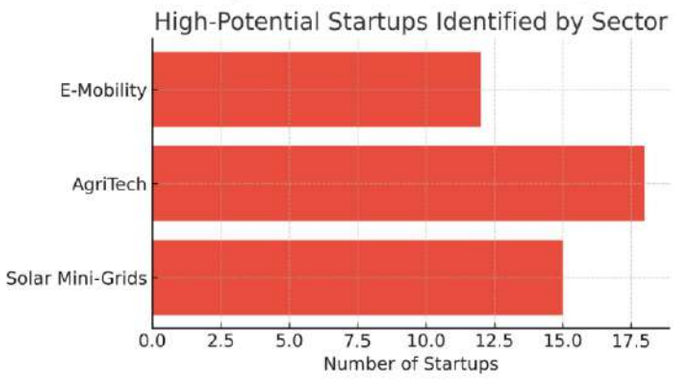
- Assess national strategies and regulatory frameworks supporting cleantech and employment generation.
- Analyze how startups are scaling green technologies and creating employment.
- Understand constraints faced by women and youths in accessing the green economy.

Research Highlights:
Scaling Green Technologies and Youth Employment in Africa

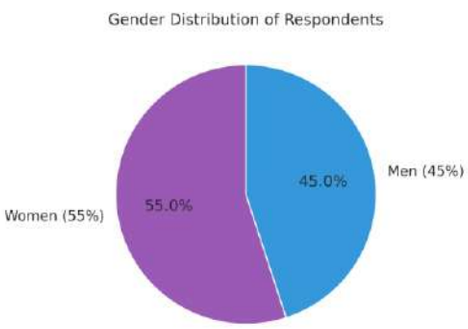


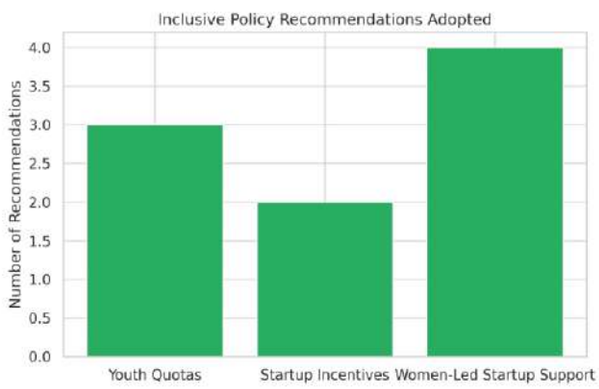


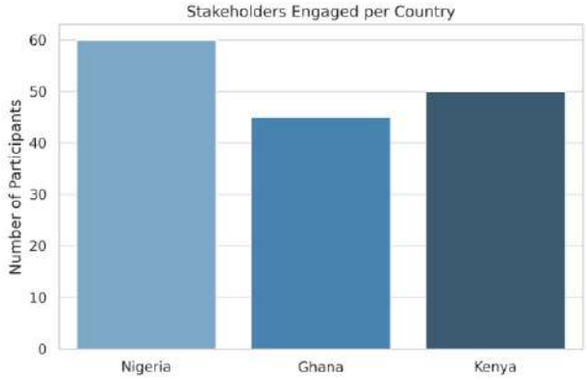


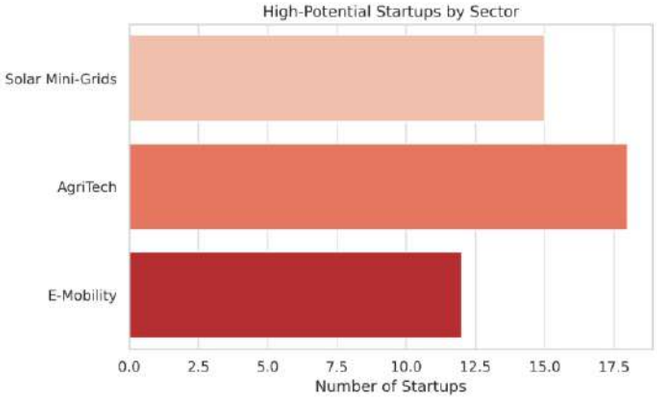


Key Outcomes -
Scaling Green Technologies and Youth Employment























For more information on this research project, scan the QR Codes below:

Country in focus: Nigeria

Country in focus: Ghana

Country in Focus: Kenya

Democratising Energy Access Communities of Practice as Driver of a Bottom-Up Energy Transition in Nigeria (CP-Nigeria)

Geographic Focus: Delta, Enugu, Kano, Kogi, and Ondo States
Consortium Partners: Clean Technology Hub (Nigeria), Reiner Lemoine Institut, and Greenwerk (Germany)
Funder: International Climate Initiative (IKI)
Target Beneficiaries: Rural and peri-urban communities, local energy champions, cooperatives



The CP-Nigeria project was developed as a community-centered approach to local energy and implementation. Anchored in five diverse Nigerian states, this initiative aimed to equip underserved communities with the knowledge, tools, and agency to independently initiate and manage solar mini-grid projects tailored to their unique energy needs.

By leveraging the "Communities of Practice" (CoP) model, this project deepened local participation in clean energy transition processes - ensuring inclusivity, contextual relevance, and long-term ownership of energy systems.

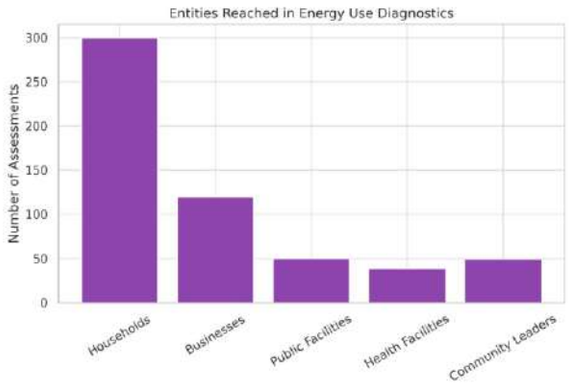
Strategic Objectives

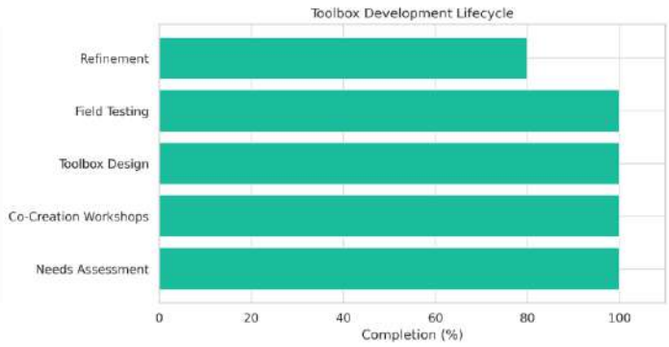
- Empower communities to lead decentralized renewable energy (DRE) planning through practical, user-friendly tools.
- Develop and deploy a web-based toolbox for energy diagnostics, planning, and stakeholder engagement.
- Demonstrate the viability of bottom-up energy transition approaches using real-world community experiences.
- Influence national regulatory frameworks to incorporate community-led mini-grids into Nigeria's energy policy and planning structures.





Approach and Methodology - CP-Nigeria Project





Key Outcomes

1 web-based toolbox developed

5 communities supported

1 Policy Brief published

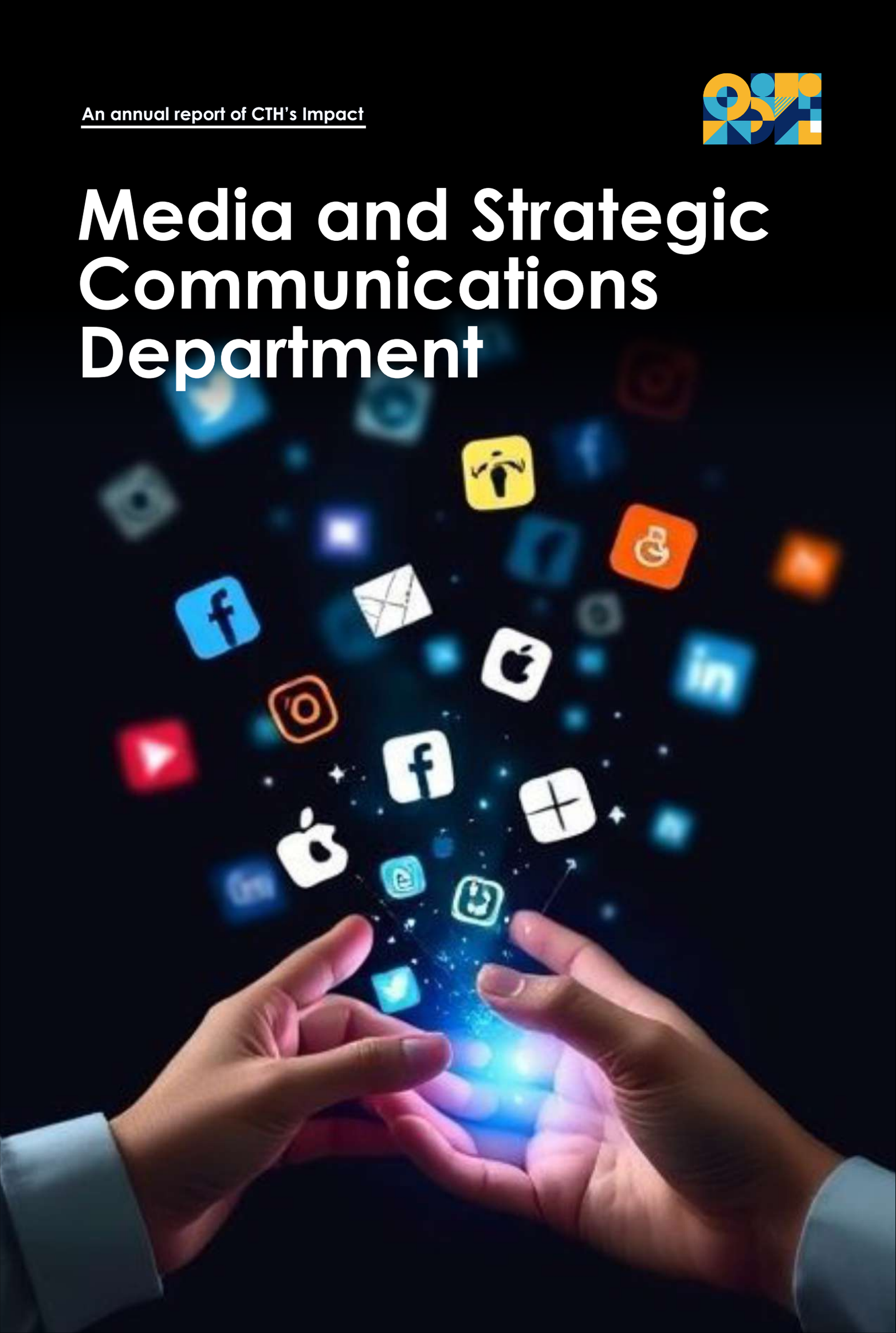
- A digital toolkit enabling communities to assess energy needs, plan mini-grid projects, and engage potential developers and funders.
- Local groups in Delta, Enugu, Kano, Kogi, and Ondo States piloted the planning tools and generated actionable energy plans.
- A technical policy recommendation paper was disseminated to national regulatory bodies, advocating for the formal inclusion of community-led models in the Mini-Grid Regulations.

Our research aims at driving systems change through data-driven, relevant, inclusive, and impactful insights that inform policy, shape innovation, and empower communities for a just and sustainable Africa.

Abel B.S. Gaiya
Chief Research Officer,
Clean Technology Hub

An annual report of CTH's Impact

Media and Strategic Communications Department



Major Milestones

In 2024, **the Media and Communications Department** strengthened its position as a critical amplifier of clean energy, climate innovation, and sustainability narratives across Africa, serving not only as the voice of CTH but also as a knowledge hub; ensuring that research insights, community impact, and advocacy messages reached audiences that matter - from rural changemakers to regional policymakers and international donors.



Guided by a digital-first approach and data-informed strategies, the department significantly scaled its reach and engagement across multimedia platforms while enhancing the visibility of CTH's thought leadership in the energy-climate ecosystem.

Each campaign, post, podcast, and article served to bridge the gap between science and society, data and decision-making.



Major Highlights

54%
Growth in social media subscribers across platforms

>325,000
Total Impressions via social media content

>30
blog articles

17
policy briefs

7 newspaper mentions

10 Strategic events supported via digital storytelling

6
Digital Campaigns launched

9
Podcasts episodes published, reaching 6 countries

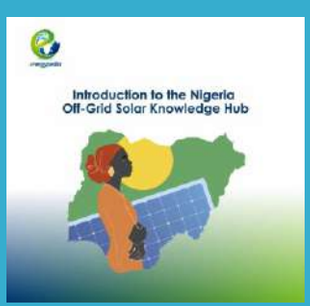
>500
Average listens per episode (USA, UK, Germany, Indonesia, Ghana, Nigeria)



















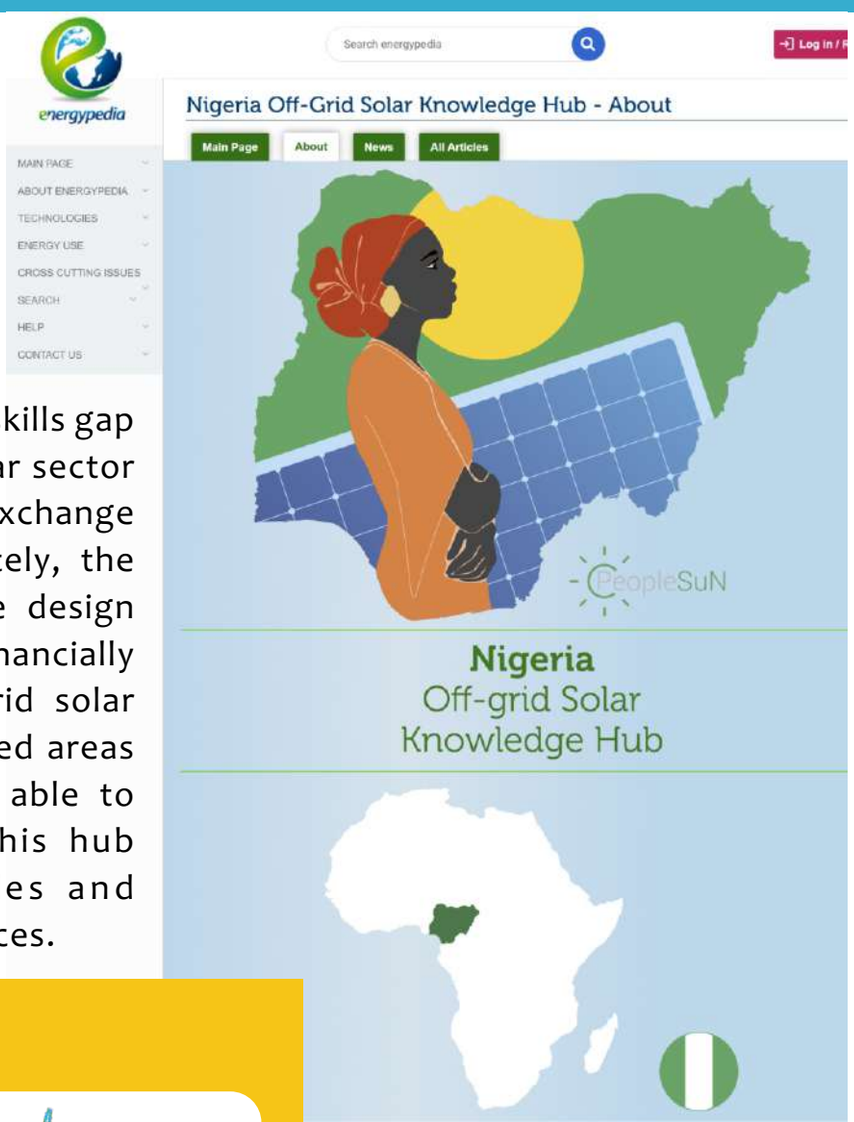
Looking Ahead

Looking forward, the launch of CTH Online Radio will mark a new chapter in CTH's communications strategy - ushering in 24/7 programming on clean energy, climate resilience, circular economy, and youth innovation. This will provide underrepresented voices - particularly women and grassroots communities - a seat at the storytelling table.

> Our communications work is not just about churning out designs and telling stories - it's about shifting narratives and shaping policy. In a world flooded with information, we strive to deliver content that educates, connects, and drives systems change.
>
> **Olumide Ademola**
> **Assistant Manager,**
> **Media & Strategic Comms**

The Nigeria Off-Grid Solar Knowledge Hub (Energypedia)

The Nigeria Off-Grid Solar Knowledge Hub was created within the PeopleSuN project, a collaboration of Nigerian and German partners. This open access hub hosted by CTH aims to contribute to bridging the skills gap in the Nigerian off-grid solar sector by facilitating knowledge exchange and collaboration. Ultimately, the hub seeks to support the design and implementation of financially viable and inclusive off-grid solar interventions in underserved areas across Nigeria. Users are able to actively contribute to this hub by creating new articles and sharing their own experiences.



Themes

Energy Technologies

Solar · Hydro · Bioenergy · Wind

Energy Use

Cooking · Productive Use · Mobility

Cross Cutting Issues

Energy Access · Countries · Impacts · Climate Change · Mini-grid · Grid · Financing and Funding · Water and Energy for Food

Key Outcomes

>6,000
Energy articles

>13,000
Registered experts

>60K
Monthly visitors

An annual report of CTH's Impact

Our Team



At CTH, our team is a dynamic collective of energy innovators, climate finance specialists, gender equity advocates, and sustainability experts committed to accelerating Africa's clean energy transition. With decades of combined experience, we bring a unique blend of technical expertise, grassroots insights, and policy leadership to drive scalable, inclusive, and impactful climate solutions.

Leadership and Expertise

CTH is led by Ifeoma Malo, a globally recognized energy and climate policy expert, whose visionary leadership has shaped clean energy markets, regulatory frameworks, and investment landscapes across Africa. Backed by a team of seasoned professionals, our expertise spans renewable energy deployment, climate finance structuring, sustainable business innovation, and policy advocacy.

Gender and Diversity

Diversity is at the heart of our mission. Our women-led team drives inclusive, gender-responsive climate action, ensuring that African communities - especially women and marginalized groups - are at the forefront of climate adaptation and resilience initiatives. We support locally driven, community-centered innovation, bridging the gap between technology, finance, and social impact.

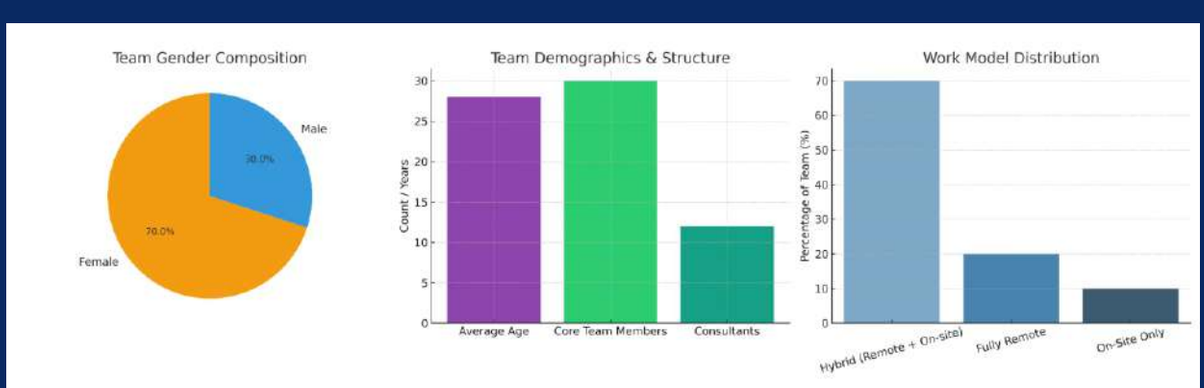
Regional Knowledge and Ties

With deep-rooted connections across urban, peri-urban, and rural communities, our team operates at the intersection of policy, business, and grassroots implementation. From pioneering off-grid energy solutions to advocating for climate-resilient policies, we leverage firsthand local knowledge to co-create solutions that address Africa's unique energy and sustainability challenges.

Building on adaptations made during the COVID-19 pandemic, CTH has maintained and refined a hybrid work model, leveraging digital tools to maximize productivity, flexibility, and employee well-being. This operational model has enabled the team to respond rapidly to regional project needs, collaborate across time zones, and expand reach without compromising efficiency.



In 2024, CTH launched a range of employee experience initiatives to reinforce a healthy, connected, and values-driven workplace culture. We have introduced team bonding activities such as retreats, mixer events, game nights, and visits to recreational locations (e.g. resorts), and staff development sessions focused on mental health, leadership, and cross-cultural collaboration.



Learning and Development

At Clean Technology Hub, we believe that a high-impact team is one that never stops learning. In 2024, our Knowledge Sharing Sessions, internally curated and facilitated by the Operations Department, emerged as a cornerstone of our capacity development strategy.

These sessions were designed not just as information exchanges, but as dynamic spaces for cross-functional collaboration, skill-building, and peer-to-peer learning. They offered staff the opportunity to explore emerging trends in Africa's cleantech ecosystem, unpack lessons from program implementation, and sharpen both technical and soft skills essential for leading innovation across the continent.

Beyond improving institutional knowledge, these sessions fostered a deeper sense of team cohesion, ownership, and professional growth. With high levels of engagement and a steady increase in content quality, the sessions have helped transform our workforce into a learning organization—one that is agile, informed, and future-ready.

In a year defined by growth and complexity, these knowledge exchanges have ensured that our greatest asset - our people - remain empowered, aligned, and inspired to deliver impactful solutions.

Topics include:

- 01 DATA — RESEARCH WRITING ETHICS AND BEST PRACTICES
- 02 DATA — UNDERSTANDING CONFLICT OF INTEREST
- 03 DATA — LANGUAGE LABYRINTH: NAVIGATING COMMON MISCONCEPTIONS
- 04 DATA — EMOTIONAL INTELLIGENCE IN THE WORKPLACE: WHY IS IT IMPORTANT
- 05 DATA — THE IMPORTANCE OF PUZZLES IN DECISION MAKING
- 06 DATA — INVESTMENT FUND MANAGEMENT PROCESS
- 07 DATA — THE POWER OF A SINGLE PICTURE
- 08 DATA — MAINTAINING A HEALTHY LIFESTYLE (STRATEGIES FOR BALANCE AND HEALTHY LIFESTYLE)
- 09 DATA — THE EVOLUTION OF CRISIS COMMUNICATION IN THE DIGITAL AGE (STRATEGIES FOR EFFECTIVE REPUTATION MANAGEMENT)
- 10 DATA — BEHAVIORAL SCIENCE AND SUSTAINABILITY
- 11 DATA — HAPPINESS: WHAT MAKES US TRULY HAPPY?
- 12 DATA — DEI (DIVERSITY, EQUITY AND INCLUSION) TRAINING

Over the course of the year, CTH team members participated in more than **60 high-impact training workshops, conferences, and stakeholder engagements** - both locally and internationally. These events spanned critical areas such as **energy transition financing, clean mobility, climate justice, ESG standards, circular economy innovation, and climate policy advocacy**.



> *CTH is not just building an organization - we're cultivating an ecosystem of African climate leaders who are equipped and connected to drive systems change.*
>
> **Jacquelyn Mando**
> **Chief Operating Officer**

> *We are evolving a culture where ideas thrive, diversity fuels innovation, and the transition to a sustainable future begins within our own team.*
>
> **Doosughun Takur**
> **Chief Programmes Officer**

OUR PARTNERS
Supporting the African Cleantech Ecosystem through Partnership

We continued our efforts to build sustainable and impactful partnerships with diverse stakeholders in different sectors. We achieved a lot as an organisation in the last year and we have our partners to thank. Here are our partners and collaborators in 2024.

From Aid to Action:

A New Chapter for African Climate Leadership A Closing Remark by the Chair of the Board



As we close another transformative chapter at Clean Technology Hub, I am proud to reflect on a year defined by resilience, growth, and bold, knowledge-driven innovation.

The 2024 reporting period marked not just progress, but a turning point. We deepened our mission and embarked on a new, sustainable path through our transition to a social-for-profit model. This shift is more than a financial pivot, it is a strategic commitment to systemic change, long-term impact, self-reliance, and sustainable growth.

Our investment portfolios, such as the establishment of a Plastic Recycling Facility and the development of Made-in-Nigeria solar products, reflect a clear belief: climate action and local economic empowerment are symbiotic components of an inclusive, thriving economic ecosystem. In an era where grant funding is increasingly scarce across Africa, we have chosen to lead with vision, passion, and purpose; building a future where our mission thrives beyond the limits of aid.

Across the continent, Clean Technology Hub's impact has been both wide-reaching and profound. From equipping more than 130 cleantech startups to training thousands of youth and women in green entrepreneurship to building communities that drive their own energy and climate solutions, we have lived our mandate with intention and decisiveness.

This year, we also expanded our research footprint, convened continental dialogues, and launched digital platforms that democratize access to climate knowledge, finance, and innovation.

As Chair of the Board, I am especially inspired by the way Clean Technology Hub has embraced its Pan-African identity, spanning over 17 countries while staying deeply connected to grassroots realities. The dedication of our team, the trust of our partners, and the courage of the communities we serve continue to propel our shared vision forward.

Our thrust forward is, therefore, more than a new chapter, it is a new era for Clean Technology Hub! As we build on our achievements, we are surging ahead with renewed passion for sustainability and inclusive impact.

To all our stakeholders: thank you. Your commitment drives our ambition. Your partnership amplifies our impact. Your belief makes our journey not only possible … but meaningful.

Together, we are not just imagining Africa's green future, we are shaping it with vision and building it with purpose.

Thank you.

Oladipupo Adesesan Baruwa
Chair of the Board



Clean Technology Hub
Energy Innovation Centre

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