

# ANNUAL REPORT 2023

TRANSITIONING  
ENERGY.  
TRANSFORMING  
LIVES.



# ABOUT SUSTAINABLE ENERGY FOR ALL

Sustainable Energy for All (SEforALL) is an independent international organization working at the nexus of **global energy**, **climate** and **development** efforts. We work with the United Nations and partners from around the world to end energy poverty and fight climate change. Our vision is a world where everyone, everywhere can live a dignified life on a healthy planet, powered by sustainable energy.



# TABLE OF CONTENTS

|  |    |
|--|----|
| <b>MESSAGE FROM OUR GOVERNANCE BOARD CHAIR</b> .....             | 4  |
| <b>MESSAGE FROM OUR CEO</b> .....                                | 5  |
| <b>OUR GLOBAL IMPACT</b> .....                                   | 6  |
| <b>POWERING PEOPLE, COMMUNITIES AND BUSINESSES</b> .....         | 7  |
| Universal Energy Facility .....                                  | 7  |
| Sierra Leone Healthcare Electrification Project .....            | 8  |
| <b>BUILDING AMBITION. CATALYSING ACTION</b> .....                | 9  |
| Energy Compacts.....   | 9  |
| COP28 Presidency.....  | 10 |
| G20 India Presidency .....                                       | 11 |
| <b>PROVIDING TAILORED SUPPORT TO COUNTRIES</b> .....             | 12 |
| Energy Transition Offices.....                                   | 12 |
| Country highlights (2023).....                                   | 17 |
| Building capacity in energy planning .....                       | 19 |
| <b>EMPOWERING WOMEN AND YOUTH IN THE ENERGY TRANSITION</b> ..... | 21 |
| <b>DELIVERING IMPACT AT SCALE</b> .....                          | 22 |
| Africa Carbon Markets Initiative .....                           | 22 |
| Africa Renewable Energy Manufacturing Initiative.....            | 22 |
| <b>INFORMING AND INSPIRING THE SECTOR</b> .....                  | 23 |
| <b>FINANCIALS</b> .....  | 25 |
| <b>THANK YOU TO OUR FUNDERS</b> .....                            | 26 |
| <b>ORGANIZATIONAL INFORMATION</b> .....                          | 27 |
| Our team.....  | 27 |
| Leadership .....   | 28 |
| Governance structure.....  | 29 |



# Message from our Governance Board Chair

Sustainable energy is the key to avoiding a climate crisis and improving the lives of billions of people globally. This is why Sustainable Energy for All's (SEforALL) mission – to enable a just and equitable energy transition – is so important.

As Chair of SEforALL's Governance Board, it has been impressive to see how agile and impactful the organization has become under its 2021-2023 strategic plan. This Annual Report represents the culmination of that plan, which saw the organization shift towards implementing meaningful in-country projects, build stronger partnerships with a wide range of stakeholders, and become a leading advocate for sustainable energy on the global stage.

SEforALL connects countries with the data and evidence, finance, capacity building and technical assistance they need to build thriving sustainable energy systems that power economic and social opportunities. From providing grants for off-grid renewable energy projects across Sub-Saharan Africa through the Universal Energy Facility, to electrifying healthcare facilities that provide doctors and nurses with a reliable power source around the clock, the human impacts of SEforALL's work are evident.

The work highlighted in this Annual Report is attributed to SEforALL staff, the organization's funders and partners, and my colleagues on the Governance Board, all of whom I would like to thank for their commitment to a just and equitable energy transition.

Now, as the organization begins its newest Strategic Plan, partnership will be key to expanding SEforALL's work and accelerating energy access and efficiency globally. On behalf of SEforALL's Governance Board, I hope you will continue to support our efforts.

Together, we can build a world where everyone, everywhere can live a dignified life on a healthy planet, powered by sustainable energy.

Sincerely,



**FRANCESCO STARACE**

Chair, Governance Board, SEforALL,  
and Partner, EQT Partners



# Message from our CEO

Three years ago, SEforALL embarked on a new strategy focused on strengthening the organization's global advocacy and diplomacy efforts, particularly through the UN system, coupled with impactful country-level engagement. We saw the need to secure bolder commitments for Sustainable Development Goal 7 (SDG7) – affordable and clean energy for all – from decision-makers across different sectors, while simultaneously enabling progress within countries with the greatest energy access gaps.

As this 2023 Annual Report shows, SEforALL has become a trusted partner to many countries around the world when it comes to helping them achieve their energy access and transition goals.

Over the past three years, we have had the opportunity to engage 46 countries with advocacy, financing or technical assistance, thereby addressing key barriers to a just and equitable energy transition. At the same time, by re-establishing ourselves as a critical partner in UN-Energy, we have been able to drive global ambition and action on sustainable energy, most notably in the form of Energy Compacts, which capture USD 1.3 trillion in commitments.

I am extremely proud of how our work is leading to electrification, clean cooking and energy efficiency projects in the communities that need them the most.

As we all know, sustainable energy is key to improving people's health and livelihoods, while protecting the planet from climate change.

Climate action will be driven by modernizing and expanding energy systems across the economy, and we are proud to be supporting the capacity building of countries around the world in their evidence-driven Energy Transition and Investment Plans.

Of course, the projects in this 2023 Annual Report would not have been possible without the contributions of our partners and funders. We are extremely grateful for their dedication and support.

In 2024, we embark on a new three-year Strategic Plan. We will redouble our efforts on global advocacy and diplomacy and tailored country support, while emphasizing scalable solutions that can be applied across countries and regionally to accelerate just and equitable energy transitions.

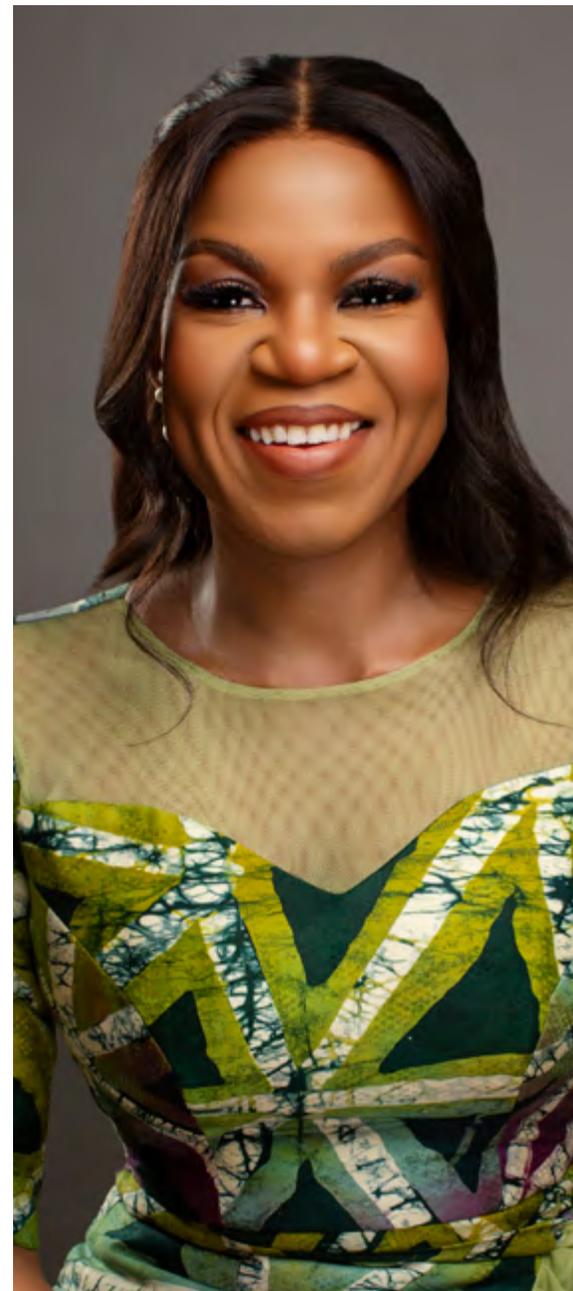
We look forward to working with you for years to come in pursuit of a sustainable energy future for all.

Sincerely,



**DAMILOLA OGUNBIYI**

CEO and Special Representative of the UN Secretary-General for Sustainable Energy for All, and Co-Chair of UN-Energy



# Our global impact

(CUMULATIVE 2021-2023)



## USD 1.3 trillion

in commitments expressed through [Energy Compacts](#) to support the achievement of SDG7.



## 46 countries

supported globally with their energy access and transition goals.



## 129,000,000 people

gaining access to electricity and **22,000,000 people** gaining access to clean cooking through Energy Compact commitments.



## 5 Energy Transition and Investment Plans

developed with Ghana, Kenya, Nigeria, Barbados and Sierra Leone, providing an opportunity for these countries to build energy systems that support economic and social development and achieve net-zero emissions.



## USD 40 million

raised to support renewable energy projects in Sierra Leone, Madagascar, the Democratic Republic of Congo, Benin and Nigeria through the [Universal Energy Facility \(UEF\)](#).



## 8 Presidencies

of the G20 & COP supported – Saudi Arabia, Italy, Indonesia, India and Brazil under G20 and the UK, Egypt and the UAE – to advance just and equitable energy transitions.



## 330 young women

from the Global South [trained in the sustainable energy sector](#) and benefited from career development.

For a comprehensive review of our 2023 work and impacts under our 2021-2023 Strategic Plan, please read our [2023 Annual Monitoring Review](#)



# Powering people, communities and businesses

Our country-level work includes implementing and financing transformative renewable energy projects. Working with our in-country partners, we are bringing clean, reliable power to people, communities and businesses.

## Universal Energy Facility

Finance is a major constraint for renewable energy companies across Africa. Building and operating off-grid projects like mini-grids or standalone solar can be expensive, and financing options can be limited.

In 2020, we collaborated with partners to establish the [Universal Energy Facility \(UEF\)](#), which provides results-based grants to renewable energy project developers in Africa. Now operational in five countries – Benin, the Democratic Republic of Congo, Madagascar, Nigeria and Sierra Leone – the UEF finances mini-grid development and standalone solar for businesses, community services and other productive uses.

By the end of 2023, the UEF signed 51 grant agreements worth USD 22.8 million with 17 developers. With the help of this finance, these companies have provided new or improved household electricity access to over 19,000 people and powered more than 1,100 businesses and institutions.

The clean, reliable electricity provided by UEF-supported projects has been transformative for communities and businesses. For example, in Nigeria, stand-alone solar PV systems are providing power to over 733 small- and medium-sized enterprises, facilitating income-generating activities and enabling a shift away from polluting energy sources like fossil fuel generators.



Launch of the UEF's Standalone Solar for Productive Use programme in Nigeria.

### UEF RESULTS

#### (CUMULATIVE TO END OF 2023)

Energy projects financed by the UEF have resulted in:

**4,949**

new or improved energy connections in Madagascar and Nigeria

**19,000**

people gaining new or improved access to household electricity

**1,024**

tons of CO2 emissions reduced or avoided annually

**4,216**

mini-grid connections in Madagascar

**1,100**

businesses and institutions powered

**733**

stand-alone solar PV systems for productive uses in Nigeria

**1.7**

MW of solar PV installed





In the ward, we have a monitor to check the vitals of the patients that needs continuous electricity. We also need to charge our phones for communication and our computers for reports. We are very happy about this electricity; it is having so much impact - for healthcare workers, for patients, for everybody using the facility.



**MUSTAFA FARO**  
Emergency Room Nurse

## Sierra Leone Healthcare Electrification Project

Across Sub-Saharan Africa, a staggering 25,000 healthcare facilities lack access to electricity entirely, while around 70,000 health centres have an unreliable electrical supply.

Beginning in 2022, SEforALL conducted detailed energy audits at major hospitals in Sierra Leone to identify opportunities to replace unreliable, polluting diesel generator capacity with renewable energy solutions that can deliver reliable, clean power.

Based on these findings, in 2023, we implemented the [Sierra Leone Healthcare Electrification Project](#), which installed solar PV and battery systems at six key hospitals in Freetown (Ola During Children's Hospital and Princess Christian Maternity Hospital), Kambia, Masanga, Kabala and Bonthe, with a combined total of more than 0.6 megawatt-peak (MWp) of installed power capacity.

The installed power and battery systems mean that life-saving equipment now runs 24/7, helping doctors and nurses save lives.

A key feature of the project was the involvement of 12 trainees from SEforALL's Science, Technology, Engineering and Mathematics (STEM) Traineeship. These young women received practical experience and classroom training on solar PV project implementation by participating in the installation process at the six initial hospitals.

With the six installations complete, we are now working with our partners to deploy similar solar PV and battery systems at one other hospital in Kailahun, and 25 community health centres throughout Sierra Leone.

# Building ambition. Catalysing action.



Panama is not going to produce any electricity with coal throughout the energy transition. For Panama, the No New Coal Energy Compact stands as a paradigm shift to catalyse the benefits and stakeholder ambition for the achievement of the SDGs.



**ROSILENA LINDO**  
Former National Energy  
Secretary of Panama,  
Government of Panama

We seek to raise ambition and secure commitments for sustainable energy through global advocacy and diplomacy within the United Nations system, the G20 and other global fora like the UN climate conference (COP).

## Energy Compacts

Since helping launch Energy Compacts in 2021, SEforALL has continually demonstrated its leadership in catalysing and growing global energy commitments under the Energy Compacts platform. Approximately USD 1.3 trillion in commitments have been expressed through Energy Compacts to date.

These voluntary commitments to Sustainable Development Goal 7 (SDG7) and energy transitions were designated by the UN Secretary-General during the SDG Summit in 2023 as one of twelve [High-Impact Initiatives](#) around which the UN development system should continue to engage with and expand upon.

By generating further leadership and investment, these compacts are set to drive substantial actions, including phasing out coal-fired power, decarbonizing energy systems, and promoting economic growth and job creation, thus contributing robustly to the global agenda of achieving the SDGs by 2030.

As a UN-Energy partner, SEforALL conducts outreach to grow existing Energy Compacts, soliciting new partners and commitments, and catalysing new compacts. This includes managing the [24/7 Carbon Free Energy Compact](#) and the [No New Coal Energy Compact](#), and the [Energy Compact Action Network](#).



Energy Compacts showcase event during the UN's 2023 SDG Summit.

## COP28 Presidency

The annual UN climate conference in Dubai culminated with a Global Stocktake that called for countries to triple renewable energy capacity globally and double the global average annual rate of energy efficiency improvements by 2030 – both critical to fighting climate change and ending energy poverty. This is a welcome inclusion that SEforALL is proud to have worked with country delegations to secure.

Beforehand, we were once again active across COP by hosting a pavilion and contributing to the launch or profiling of key initiatives with our partners, including the COP28 Presidency.

### SDG7 Global South Pavilion

For the third year in a row, SEforALL hosted an [SDG7 Global South Pavilion at COP](#), with the support of the Global Energy Alliance for People and Planet (GEAPP) and other sponsors.

The pavilion was home to over 50 sessions from 1-10 December and provided a platform for our partners to make announcements and connect with people and expertise that will help advance their work.

Major moments at the pavilion included the US Government announcing that it is joining the 24/7 Carbon-Free Energy Compact and the release of [SEforALL's study](#) on how climate finance can help power healthcare facilities with renewable energy.

### Global Electric Cooking Coalition

A coalition of anchor partners that includes Energising Development (EnDev), GEAPP, the Modern Energy Cooking Services (MECS) programme, and SEforALL launched the Global Electric Cooking Coalition on 5 December. With 2.3 billion people worldwide without access to clean cooking solutions or technologies,

the Coalition will unite efforts to promote the transition to electric cooking.

### Global Cooling Pledge

More than 60 countries signed the [Global Cooling Pledge](#), an initiative led by the COP28 Presidency alongside the UN Environment Programme's (UNEP) Cool Coalition, which SEforALL supports.

The Global Cooling Pledge aims to expand sustainable cooling to protect the most vulnerable communities while limiting the emissions produced by the cooling sector.

National government participants of the Global Cooling Pledge have committed to work together to reduce cooling-related emissions across all sectors by at least 68 percent globally, relative to 2022 levels by 2050, consistent with limiting a global average temperature rise to 1.5°C.

↓ Launch of the Global Electric Cooking Coalition at COP28.





President Tinubu discusses the Nigeria Carbon Market and Electric Buses Rollout Programme at COP28.

## Battery Energy Storage System Consortium

The Global Leadership Council of GEAPP announced that Barbados, Belize, Egypt, Ghana, India, Kenya, Malawi, Mauritania, Mozambique, Nigeria, and Togo committed to the [Battery Energy Storage Systems \(BESS\) Consortium](#).

This group of ten first-mover countries are part of a collaborative effort to secure 5 gigawatts (GW) of BESS commitments by the end of 2024, supported by a group of resource partners, including SEforALL.

## Nigeria Carbon Market and Electric Buses Rollout Programme

This [presidential initiative](#) was launched by H.E. Bola Tinubu at COP28. It aims to deploy a fleet of 100 electric buses and establish robust, credible carbon markets in Nigeria. It will be supported by the Nigeria Energy Transition Office, established by SEforALL, and the Africa Carbon Markets Initiative, in which we partner.

## Africa Energy Transition Partnership

This [partnership](#) between SEforALL and UNOPS will support the implementation of Energy Transition and Investment Plans in Africa by mobilizing and directing finance to key energy projects. UNOPS will be responsible for managing the funds and providing operational and administrative support, while SEforALL will provide access to finance and technical assistance.

## Mission Efficiency Call to Action

To help countries realize their doubling energy efficiency commitment, [Mission Efficiency](#) launched a Call to Action, whereby countries, companies and organizations could express their support for establishing a global target of more than double the rate of energy efficiency improvement annually. Those joining the Call to Action also affirmed that tripling investment to more than USD 1.5 trillion per year from 2026 to 2030 is required to meet this target.

## G20 India Presidency

For several years, SEforALL has worked with G20 Presidencies to bring energy access and transition issues to the top of diplomatic agendas. In 2023, through our involvement in the Energy Transitions Working Group, we helped secure a significant win for energy efficiency progress with the G20 New Delhi's Leader Declaration in September, whereby G20 leaders called for a doubling of annual energy efficiency. We also worked with India's Bureau of Energy Efficiency and Ministry of Power to develop a [voluntary action plan](#) to achieve a doubling of energy efficiency at the national level and support subnational action.



Access to reliable and clean energy is key to the achievement of the Sustainable Development Goals. Africa's rapid economic expansion calls for sustainable solutions to meet growing energy needs and this is one of the core development challenges for the continent.



**JORGE MOREIRA DA SILVA**  
UNOPS Executive Director

# Providing tailored support to countries

SEforALL focuses on supporting **developing countries and emerging economies** because this is where efforts are most needed to achieve a just and equitable energy transition. Our engagement is tailored to countries' needs and their requests for support.

## Energy Transition Offices

As part of our work developing national [Energy Transition and Investment Plans \(ETIPs\)](#), we establish local Energy Transition Offices (ETOs) that work closely with governments to deliver on the vision outlined in the plans.

These offices provide in-country support and capacity in the initial stages of implementing ETIPs, responding to governments' needs. They also help us centralize our work specific to the country from across the entire organization – a model that enhances coordination and efficiency.



We supported **31 countries in 2023**, 26 of which are **Official Development Assistance (ODA)-recipient countries**.

Together, these 26 countries are home to 53% of the global population without access to electricity, have an average renewable energy share of 59% as part of their total energy consumption, and contribute to 17% of the world's greenhouse gas emissions.



Launch of the National Cooling Action Plan for Kenya.

### COUNTRY IMPACT: MOBILIZING FINANCE FOR ENERGY EFFICIENCY IN GHANA

SEforALL and Mission Efficiency are applying the Mission Efficiency Marketplace approach in Ghana to help achieve energy efficiency goals set under the country's Energy Transition and Investment Plan. The approach involves a Marketplace Taskforce collaborating with local energy efficiency partners to:

- Identify investment-worthy energy efficiency projects by assessing their viability, energy, and climate impact in alignment with country priorities.
- De-risk efficiency projects through various instruments and strategies (including insurance, blended finance, carbon credits, guarantees, and aggregation of projects) and enable transactions.
- Match energy efficiency projects with interested investors.

The Marketplace facilitated a connection between e-mobility company Solar Taxi with Sunref, a green finance programme offered by the Agence Française de Développement, which resulted in Solar Taxi securing its first major project financing from Sunref. Solar Taxi now operates over 1,000 electric bikes and is expanding into e-buses, contributing to sustainable mobility solutions in Ghana.



## Ghana

The Ghana Energy Transition Office (ETO) achieved a milestone with the finalization and high-profile launch of the [Ghana Energy Transition and Investment Plan \(ETIP\)](#), with the President of Ghana officially unveiling it at the UN General Assembly (UNGA) in September 2023. The establishment of the ETO, with a focus on engaging the private sector, the UN in Ghana, and other key stakeholders, provides a robust framework for implementing the ETIP's initiatives.

Thus far, the ETO has helped develop an acceleration framework for energy efficiency improvements in Ghana, including supporting capacity building and the development of national policies such as Ghana's National Energy Efficiency Action Plan.

Through our role in the [Mission Efficiency](#) coalition, we have implemented a marketplace that is connecting companies with financing opportunities.

The Africa Renewable Energy Manufacturing Initiative (REMI) is working with the ETO to drive financial, technical, and socio-economic investments required to build up their local solar PV, battery and electric mobility manufacturing in Ghana, as well as leveraging the availability of critical mineral resources.

The Africa Carbon Markets Initiative (ACMI) has also secured commitment for developing a Carbon Market Activation Plan to establish a conducive carbon market policy environment and increase the number of carbon credit projects in Ghana.

## Kenya

The Kenya Energy Transition Office (ETO) in Nairobi was established in 2023 as a hub for supporting the Government of Kenya and other strategic country partners. Its main function is to facilitate the implementation of the country's Energy Transition and Investment Plan (ETIP), and it has begun building a project pipeline aligned to the plan's goals. Many of SEforALL's Kenya projects across our various programmes are also coordinated and delivered through the ETO.

For example, our Integrated Energy Access Planning team is working in partnership with IBM to develop and pilot an [innovative open-source Smart Planning Tool](#) that provides better data to energy planners and decision-makers to help them refine their energy access initiatives.

As part of our technical and advisory support to the Government of Kenya to progress national energy efficiency and sustainable cooling, the Kenya ETO contributed to the [Kenya Energy Efficiency and Conservation Strategy](#), [Kenya's National Cooling Action Plan](#) and integration of sustainable cooling within the National Climate Change Action Plan.

Kenya is also a priority country for the Africa Renewable Energy Manufacturing Initiative (REMI) to drive financial, technical, and socio-economic investments required to build up their local solar PV, battery and electric mobility manufacturing, as well as leveraging the availability of critical mineral resources.

Throughout 2023, four young women participated in the above activities within the ETO as part of our Gender and Youth programme's Science, Technology, Engineering and Mathematics (STEM) Traineeship to help them gain practical experience within the sustainable energy sector.



SEforALL staff tour the Roam Electric manufacturing facility in Kenya.



SEforALL CEO Damilola Ogunbiyi and World Bank President Ajay Banga tour a mini-grid site on the outskirts of Lagos, Nigeria.



## Nigeria

The Nigeria Energy Transition Office (ETO) in Abuja, which we established with the government in 2022, has made significant strides in continuing to drive the implementation of Nigeria's Energy Transition and Investment Plan (locally known as [Energy Transition Plan](#)) in collaboration with partners. This includes the formation of a dedicated Private Sector Working Group, which aims to attract capital investments into energy transition projects and enhance stakeholder collaboration. Public awareness efforts have effectively introduced the Energy Transition Plan to the broader public, enhancing buy-in and support. Thus far, the ETO has helped mobilize USD 6 billion for the plan's implementation.

The ETO's engagement with sub-national entities in Lagos has led to various requests for support across multiple areas, including technical advisory for a presidential initiative to deploy 10,000 electric buses.

The office is supporting the [Africa Carbon Markets Initiative's](#) work developing a Carbon Market Activation Plan and the Renewable Energy Manufacturing Initiative's (REMI) pursuit of growing green manufacturing capacity. For example, we provided technical assistance to a Nigerian company, Auxano Solar, to commission its 100MW Solar PV factory in Lagos under the Africa REMI programme.

The Nigeria ETO is also playing a pivotal role in the design and implementation of the USD 750 million Nigeria Distributed Access through Renewable Energy Scale-up (DARES) initiative, in collaboration with the World Bank. This initiative is set to leverage learnings and resources from the Nigeria Electrification Project and significantly expand renewable energy access across the country.



This initiative stands as a testament to our dedication to environmental stewardship as clearly exemplified through our collaboration with the Africa Carbon Markets Initiative. Our visionary plan is a strategic guidepost, directing Nigeria towards becoming an investment-friendly destination for carbon market investments.



**H.E. BOLA TINUBU**  
President of Nigeria



## CHARTING PATHWAYS TO NET-ZERO AND GREEN GROWTH

Developing countries and emerging economies are committed to improving access to energy for their people, while contributing to the global fight against climate change. But they need finance and technical assistance to help them achieve their goals.

SEforALL works with countries to develop Energy Transition and Investment Plans (ETIPs) that identify energy investment opportunities and the types of finance needed (public, private, concessional), so they can engage with investors and development institutions to attract funding. Our analysis is based on the SEforALL Energy Systems Model (SEM), an open-source tool designed by SEforALL for long-term energy transition modeling.

In 2023, we worked with Ghana and Kenya to develop and launch their ETIPs. We also continued to support the implementation of Nigeria's Energy Transition Plan, which was launched in 2022, and we began work on similar plans for Barbados and Sierra Leone.

### Ghana Energy Transition and Investment Plan

President H.E. Nana Akufo-Addo launched the Ghana Energy Transition and Investment Plan on 21 September 2023, during the UN General Assembly.

The plan marks Ghana's commitment to fighting climate change and fostering economic development in tandem. It details a credible pathway for how Ghana can achieve net-zero energy-related carbon emissions by 2060 through the deployment of low-carbon solutions across key sectors of its economy, including oil and gas, industry, transport, cooking, and power.

[LEARN MORE →](#)

### Kenya Energy Transition and Investment Plan

The Kenya Energy Transition and Investment Plan was published before COP28 in 2023. The plan was developed on the backdrop of Kenya's commitment to champion the fight against climate change. It provides a harmonized roadmap for the country's energy transition, which represents a USD 600 billion investment opportunity by 2050.

[LEARN MORE →](#)

## Country highlights (2023)

The countries listed below are where we had the most engagement in 2023. A complete view of our country engagement can be found in the [2023 Annual Monitoring Review](#).

### BARBADOS

- Began developing an Energy Transition and Investment Plan (ETIP), specifically assessing the decarbonization pathway of all the energy systems across sectors and aligning with a feasible carbon neutrality goal from a Small Island Developing States' (SIDS) perspective.
- The Barbados ETIP includes a dedicated section on jobs and capacity building, outlining actions to drive the development of local skills and the empowerment of women and youth to contribute to the achievement of the net-zero energy transition.



Barbados Prime Minister Mia Mottley speaks at the SDG7 Global South Pavilion at COP28.

### INDIA

- Secured the doubling of energy efficiency goal in the G20 New Delhi's Leader Declaration in September 2023, through support to India's G20 Presidency, including through a secondee to the Bureau of Energy Efficiency.
- Collaborated with the Bureau of Energy Efficiency and Ministry of Power to develop a voluntary action plan to achieve doubling energy efficiency at the national level and support subnational action.
- Supporting distribution companies and State authorities to increase share of renewables into the grid and tap into demand flexibility potential.



Brian Dean, SEforALL's Director of Energy Transition, participates in an energy efficiency seminar at the G20 meetings in Mumbai, India.

### INDONESIA

- Spearheaded the development and launch of the innovative [One UN Energy Strategy](#), which aims to accelerate progress on Sustainable Development Goal 7 (SDG7) and support a just, equitable and inclusive energy transition in Indonesia by identifying priority areas where the UN is in a unique position to provide high-impact support to the government and people of Indonesia.
- Contributed to the groundbreaking [Just Energy Transition Programme \(JETP\)](#) by engaging with G7 delegations and UN Indonesia, enhancing the focus on just transition within Indonesia's investment plan, and establishing a cross-learning mechanism with Vietnam and South Africa.
- Developed a [Renewable Energy Manufacturing Roadmap](#) through the Renewable Energy Manufacturing Initiative (REMI), prioritizing opportunities in solar PV, batteries and electric vehicles.
- Facilitated support of the [Indonesia Energy Compact](#), a commitment of USD 122 billion to SDG7 and net zero.

## MADAGASCAR

- Continued to implement the Universal Energy Facility (UEF) mini-grids programme, which has committed USD 7.3 million to four mini-grid developers to construct 30 mini-grids, targeting 12,431 connections, impacting 50,000+ people with new or improved electricity access and powering 1800+ businesses and institutions.

In 2023, we verified 3,562 mini-grid connections, including 367 for businesses and institutions, across 18 communities.

- Developed a geospatial Integrated Energy Access Planning tool (to be launched in 2024) focusing on electrification and clean cooking access, as well as assessing the medical and agricultural cold chain infrastructure. This tool will help energy planners identify least-cost and best-fit energy solutions for communities across the country.
- Produced the Powering Healthcare Assessment and Roadmap (2024 launch) to provide practical recommendations for advancing health facility electrification and inform national interventions led by development partners.

## RWANDA

- Developed the National Integrated Clean Cooking Plan and Tool (2024 launch) to inform the overall clean cooking technology and fuel mix pursued under the Government's national clean cooking strategy and roll-out.
- Completed a [Market Assessment and Roadmap for Healthcare Facilities](#) for Rwanda to provide the government and its development partners with data on the scale of the remaining energy access gap in the healthcare sector, and options for long-term sustainable models - and estimates of the investment needed to deliver continuous and reliable electricity service.
- Collaborated with partners on an Electric Pressure Cookers (EPC) Pilot to assess the benefits and challenges of implementing e-cooking solutions in households and businesses, with findings published in a [report](#).
- Implemented a Productive Use of Energy (PUE) study and pilot, in partnership with the World Bank. The PUE pilot will provide reliable data on various PUE products' (solar fridges, water pumps, e-cookers, etc.) effectiveness and profitability for the energy sector, hence promoting increased adoption of PUE technologies and electricity access sustainability.



Beneficiary of a solar water pump as part of the Productive Use of Energy pilot in Rwanda.

## Building capacity in energy planning

A key takeaway from SEforALL's work developing Integrated Energy Access Plans with the governments of Madagascar, Malawi and Nigeria is that geospatial data and analytics are underutilized by planning units within government and local utilities due to a lack of capacity in best-in-class tools and techniques.

As part of our Integrated Energy Access Planning programme, we saw an opportunity to build the capacity of energy access planners by partnering in the Joint Summer School on Modelling Tools for Sustainable Development, hosted by the International Centre for Theoretical Physics (ICTP), which took place in Trieste, Italy in July 2023.

We supported the participation of 17 participants from Malawi, Nigeria, Rwanda, Madagascar, Kenya, and Ghana in the summer school, including energy planners from countries where SEforALL has developed Integrated Energy Access Plans. Seven of the participants were also **part of our STEM Traineeship**, which supports young women's professional development in the renewable energy sector.

The trainings we delivered focused on:

1. geospatial data collection, curation, management, and governance; and
2. the application of geospatial data for improving electrification and clean cooking access planning with tools like OnStove.

Participants have carried their summer school projects over to their daily energy planning work. For example, a participant from Madagascar is working with the country's Energy Planning Unit to formalize the data management and governance plan he developed during the summer school. The participants from Rwanda are applying their acquired knowledge on clean cooking access modelling to support the development of Rwanda's National Integrated Clean Cooking Plan.



Receiving training in OnStove was a golden opportunity for me. It is a very useful tool that supports cooking energy planning for governments, businesses, researchers as well as all stakeholders within the energy sector.



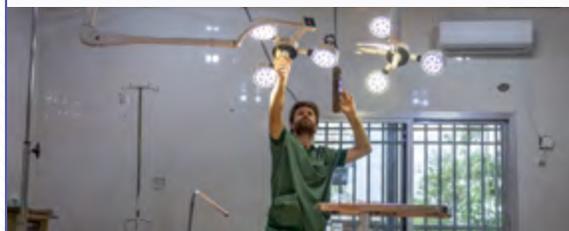
**REJOICE NTIRIWAA OSSEI-BREMANG**

Researcher, Sustainable Energy Technologies  
(Clean Cooking)



## SIERRA LEONE

- Provided legal, project management and advisory support for the [Betmai Hydroelectric Power Plant \(BHPP\)](#) project, leading to Cabinet approval and Parliamentary Ratification by the Government of Sierra Leone – a major stepping-stone to facilitate the financing and development of the project.
- Developed the [Market Assessment and Roadmap for Healthcare Facilities](#) to provide practical recommendations for advancing health facility electrification and inform national interventions by development partners. The findings revealed that 38 percent of health facilities lack reliable access to energy.
- Installed over 0.62 MWp through the deployment of PV solar systems and battery storage to supply six hospitals with reliable electricity. The six hospitals were selected using detailed energy audits from the Market Assessment and Roadmap for Healthcare Facilities. The project will be expanded in 2024 to electrify 12 additional hospitals and 25 community health centres.



- Trained 12 young women as part of our Gender and Youth programme's STEM Traineeship. Over 6 months the women learned soft skills and received technical hands-on experience by participating in the Healthcare Electrification Project.



- [Launched a mini-grid tariff study](#) to identify ways to reduce end-user tariffs paid by customers for electricity from mini-grids, which is seen as a critical step for the sector's development. Further technical advisory and capacity building work has followed to implement the recommendations found in the report.
- Signed results-based grant agreements as part of the Universal Energy Facility's financing of mini-grids in Sierra Leone. The agreements are for a total of USD 706,000 and will lead to the construction of seven mini-grids, targeting 1,193 new or improved electricity connections. Conditional offer letters were also extended for 12 additional sites, targeting 4,590 connections.

↑ Groundbreaking of the Sierra Leone Healthcare Electrification Project in Freetown.

- Began developing an Energy Transition and Investment Plan (locally known as the Energy Transition and Green Growth Plan) with the Government of Sierra Leone at the invitation of President Julius Maada Bio. The plan focuses on a green growth transition, specifically advancing clean technologies that can drive energy access and development for a country with a 27 percent electrification rate, while maintaining a low-carbon profile.

## ZAMBIA

- Began work on the Presidential 1,000 Mini-grid Initiative – unveiled by President Hichilema at COP28 – including developing a first-of-its-kind results-based incentive for mini-grid demand stimulation in SMEs and public institutions.



# Empowering women and youth in the energy transition

The inclusion of women, youth and marginalized groups is an essential component of every project we design with the help of our dedicated [Gender and Youth](#) programme.

The programme also provides women and youth with internship, mentorship and technical training opportunities to advance their careers and skills in the energy sector and prepare them for leadership roles.

We also elevate women and youth as visible leaders of SDG7 and climate action through sponsorships to attend and speak at key industry events.

Highlights from our Gender and Youth focused work in 2023 included:

## Mainstreaming gender and youth considerations

As part of our work on Madagascar's Integrated Energy Access Plan, we developed a methodology to ensure women and men's energy needs are equitably addressed from design stage and are supported by gender-disaggregated data collection methods to drive inclusivity.

In Indonesia, SEforALL supported the [One UN Sustainable Energy Strategy](#) through our energy secondment. Our analysis of policy documents revealed a lack of substantive gender considerations, and our support resulted in integration of gender equity as a key pillar in the strategy.

Developed through the Nigeria Energy Transition Office, the Women in Energy Dialogue provided a platform for Nigerian women to leverage their skills and knowledge to impact policy and sectoral development.

## Professional development

Twenty young women from Sierra Leone, Ghana, and Kenya took part in the [Science, Technology, Engineering and Mathematics \(STEM\) Traineeship](#), where they received classroom and on-the-job training to grow their careers in the sustainable energy sector.

The [Open Africa Power](#) (OAP) programme, managed in partnership with the Enel Foundation, provided 102 exceptional youth from 25 African countries with training and mentorship on a complete set of technical, regulatory, and business skills needed to tackle Africa's energy challenges.



SEforALL STEM Traineeship participants in Sierra Leone.

## Advocacy

In 2023, we launched an [SDG7 Global Youth Ambassador Programme](#) to equip youth with the communication tools and platforms needed to enable and inspire their peers from their respective regions to support energy, climate and development efforts. There are currently five Youth Ambassadors who represent Latin America, Africa, Middle East and North Africa, Southeast Asia, and Small Island Developing States (SIDS).

For the second year in a row, we ran the [This is Cool Youth Challenge](#), which aims to recognize and support innovative youth-led solutions that have a high potential to accelerate sustainable cooling for all. Four thematic winners received cash prizes from SEforALL to support the implementation and scale-up of their innovations and were sponsored to present their projects at COP28 in Dubai.



Participating in the STEM Traineeship programme has been transformative for both my personal and professional growth.



**SUSAN IRENE AKINYI**  
STEM Trainee, Kenya

# Delivering impact at scale

We develop and partner with initiatives that focus on broader, regional progress seeking to replicate or scale solutions across multiple countries.

## Africa Carbon Markets Initiative

As a partner in the [Africa Carbon Markets Initiative \(ACMI\)](#), we focus on expanding Africa's high-integrity carbon markets to harness new finance streams for sustainable development and energy transitions. By promoting these markets, SEforALL and its partners aim to catalyse significant investment flows into projects that are crucial for achieving SDG7, thereby demonstrating the potential of carbon finance as a robust mechanism for supporting energy sustainability.

In 2023, our objective was the promotion and facilitation of country-level Carbon Market Activation Plans (CMAPs), outlining the steps countries should take to establish high-integrity carbon markets, including the types of projects that will generate carbon credits. Through our work with countries, we secured commitments from Ghana, Kenya, Nigeria and Rwanda to develop CMAPs with support from ACMI.

Our team also contributed to the partnership by identifying and facilitating potential carbon-credit-generating projects across Africa.

## Africa Renewable Energy Manufacturing Initiative

The Africa Renewable Energy Manufacturing Initiative (REMI) aims to catalyse the growth of green manufacturing industries in Africa in support of low-carbon economic development.

We do this by:

- Connecting emerging and established renewable energy manufacturers from the Global South to foster knowledge sharing, partnerships, and investments.
- Providing knowledge, training and technical support to help policymakers create policies and regulations that drive the industry's growth.
- Incubating green manufacturing projects that demonstrate the viability of manufacturing solar PV, batteries and e-mobility solutions.
- Creating training and career development opportunities that will help grow a green manufacturing workforce.

In 2023, we fostered partnerships between African and Chinese companies to exchange knowledge and build partnerships that will help scale renewable energy manufacturing in Africa. REMI facilitated business roundtables and collaborations among manufacturers within and between its priority countries: Ghana, Kenya and Nigeria. We also provided technical assistance to a Nigerian company, Auxano Solar, to commission its 100MW Solar PV factory in Lagos.



Renewable Energy Manufacturing Initiative South-South cooperation workshop in Shanghai.



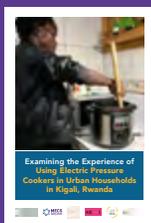
The Africa Renewable Energy Manufacturing Initiative has been one of the few programmes that is tailored towards the growth of renewable energy manufacturing in Africa. Africa REMI has nominated and sponsored us to several industry events, where we made useful connections, and have enhanced connection and cooperation with partners from the Global South.



**CHUKS UMEZULORA**  
CEO/Co-founder,  
Auxano Solar Nigeria Ltd.

# Informing and inspiring the sector

With our partners, we developed or advanced the following products in 2023 to provide the sustainable energy sector with actionable intelligence, digital tools and case studies to serve as inspiration.



## CLEAN COOKING

- ← • Examining the Experience of Using Electric Pressure Cookers in Urban Households in Kigali, Rwanda
- Clean Cooking Data Initiative (CCDI) Prototype
- Deep-Dive Workshop: Empowering and Enabling Market Development on Clean Energy in the Asia-Pacific (Asian Clean Energy Forum)

## SUSTAINABLE COOLING

- Chilling Prospects Special: Gender and Access to Cooling
- Gender Responsive Cooling: Using Data to Build Resilient Livelihoods
- Chilling Prospects 2023



## ENERGY ACCESS PLANNING

- Sustainable Energy Policy Resource Hub
- Understanding Mini-Grid Tariffs in Sierra Leone
- ← • Malawi Integrated Energy Plan Report – Electrification
- Malawi Integrated Energy Plan Report – Clean Cooking
- Malawi Integrated Energy Plan Report – Cold Chain



## ENERGY COMPACTS

- 24/7 Carbon-Free Energy Compact Signatories Community Engagement Platform
- ← • Energy Compacts Annual Progress Report 2023
- Empowering Consumers to Accelerate 24/7 Carbon-Free Energy Report
- 24/7 CFE Compact Signatory Case Studies
- Case Study: Multilateral Energy Compact for Health Facility Electrification
- Case Study: Kube Energy: Clean, reliable and affordable energy in hard-to-reach and fragile areas
- Case Study: Malawi Energy Compact Toward Universal Access to Cleaner Cooking Solutions for All Malawians

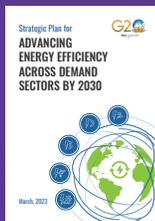
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# Informing and inspiring the sector

With our partners, we developed or advanced the following products in 2023 to provide the sustainable energy sector with actionable intelligence, digital tools and case studies to serve as inspiration.

## ENERGY COMPACTS

- Case Study: EBRD Green Cities Energy Compact: Clean and Affordable Energy in Cities
- Podcast: The Impact of 24/7 Carbon-Free Energy
- Delivering Truly Clean Hydrogen with 24/7 CFE Workshop
- Energy Compacts Workshop: Catalyzing Action for SDG7



## ENERGY TRANSITION

- ← Strategic Plan for Advancing Energy Efficiency Across Demand Sectors by 2030
- Promoting Energy Efficient Lifestyles and Decision-Making: Compendium of Case Studies from G20 Countries
- 100 Iconic Sustainable Buildings report
- Ghana Energy Transition and Investment Plan
- Kenya Energy Transition and Investment Plan
- Africa Renewable Energy Manufacturing: Opportunity and Advancement report
- Renewable Energy Manufacturing: Opportunities for Southeast Asia report

## HEALTH AND EDUCATION

- Energizing Health: Accelerating Electricity Access in Healthcare Facilities (Executive Summary)
- ← Powering Social Infrastructure in Sierra Leone: Market Assessment and Roadmap for Health Facilities
- Powering Social Infrastructure in Sierra Leone: Market Assessment and Roadmap for Schools
- Powering Healthcare in Rwanda: Market Assessment and Roadmap for Healthcare Facilities
- Powering Healthcare Hub
- Health Facility Electrification Capital Landscape
- Climate Finance for Powering Healthcare

## OTHER

- Results-Based Financing Online Tracker

[Click on titles to download](#)



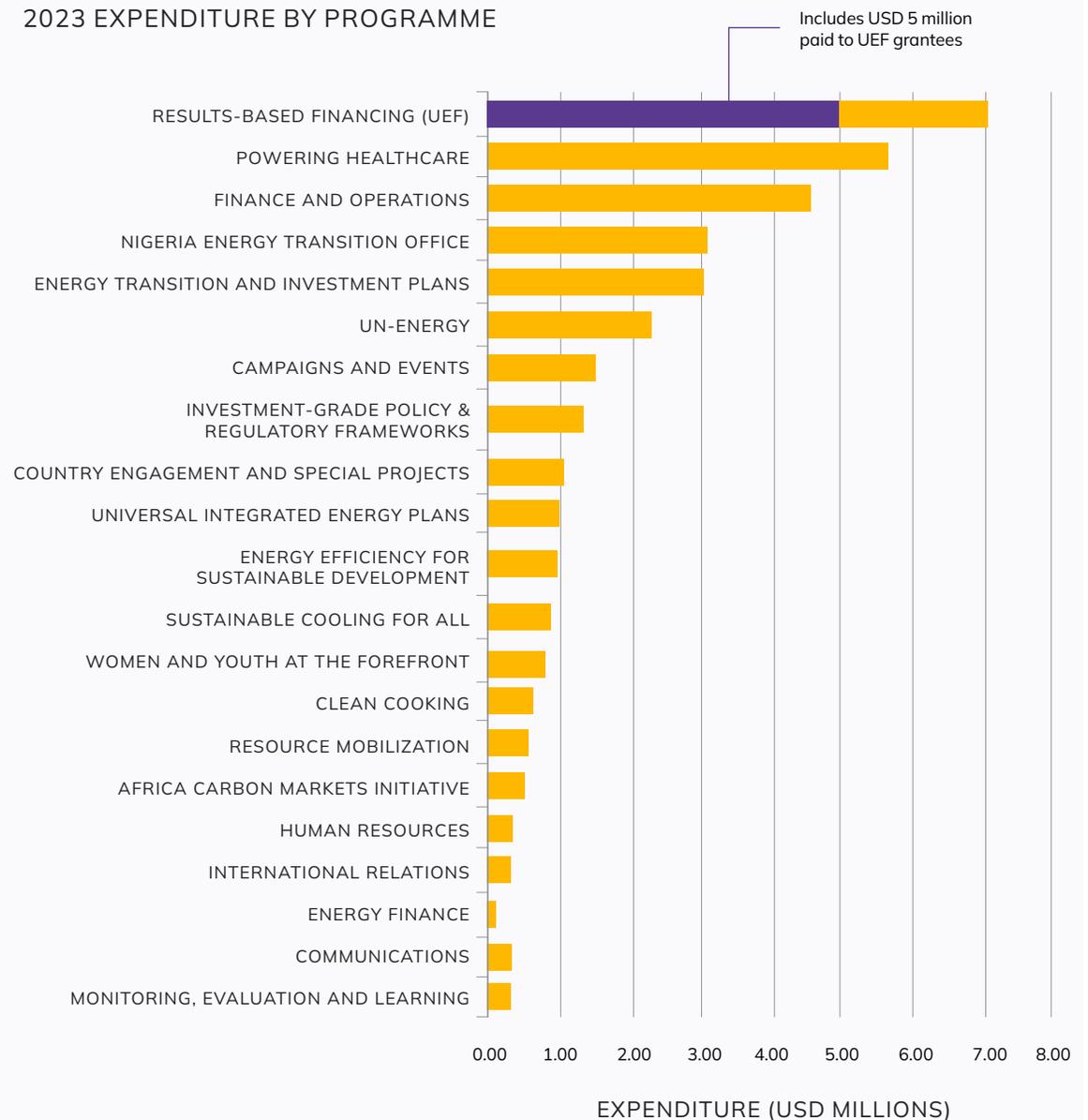
# Financials

SEforALL's 2023 Financial Statements were subject to a full financial audit, conducted by Mazars. This is the eighth year that SEforALL, as an independent Quasi-International Organization (QIO) established under Austrian law, has undergone an audit. The 2023 Financial Statements and audit report are available on the SEforALL website.

In this report, we provide an overview of the 2023 Financial Statements. In the financial year to 31 December 2023, new revenue from donors was USD 15 million, which included USD 0.4 million in-kind contributions. Adjusted new revenue after USD 7.1 million income write-off was USD 7.9 million. In addition, revenue of USD 86.2 million was deferred from previous years, and totalling USD 94.1 million. Of this, USD 32.6 million was utilized for net operating expenditures and USD 5 million for grants disbursement, with the balance of USD 56.8 million deferred until future periods.

Out of 2023's new revenue of USD 15 million, 47 percent was from government, or public sources, and 53 percent from international organizations, foundations, or private corporations.

## 2023 EXPENDITURE BY PROGRAMME



# Thank you to our funders

Sustainable Energy for All (SEforALL) would like to express its gratitude to all our donors and partners for their continued support and contributions in 2023 and previous years. The results and impacts described in this report would not have been possible without the steadfast commitment and partnership of our donors and supporters.

Thank you for joining us in our effort to end energy poverty and fight climate change. Together, we are building a world where everyone, everywhere can live a dignified life on a healthy planet, powered by sustainable energy.

## INSTITUTIONAL FUNDERS (2023)

- Austria, Federal Ministry for European and International Affairs
- Germany, Federal Ministry for Economic Cooperation and Development (BMZ)
- Global Energy Alliance for People and Planet (GEAPP)
- Iceland, Ministry for Foreign Affairs
- IKEA Foundation
- The Lemelson Foundation
- Three Cairns Group

## PROGRAMMATIC FUNDERS (2023)

- Austrian Development Agency (ADA)
- Bloomberg Philanthropies
- Charles Stewart Mott Foundation

- Clean Cooling Collaborative (CCC)
- ClimateWorks Foundation
- Climate Emergency Collaboration Group (CECG) - A sponsored project of Rockefeller Philanthropy Advisors
- Denmark, Ministry of Foreign Affairs
- Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
- Enel Foundation
- Global Energy Alliance for People and Planet (GEAPP)
- Good Energies Foundation
- Google
- IBM
- Iceland, Ministry for Foreign Affairs
- IKEA Foundation
- International Copper Association
- Italy, Ministry of Foreign Affairs and International Cooperation
- NAMA Women Advancement Establishment
- OPEC Fund for International Development
- Scottish Government
- Sequoia Climate Foundation
- Shell Foundation
- Swedish Postcode Foundation
- Swiss Agency for Development and Cooperation (SDC)
- The Rockefeller Foundation
- UK Aid – Transforming Energy Access (TEA)
- UK International Development
- U.S. Agency for International Development (USAID) – Power Africa

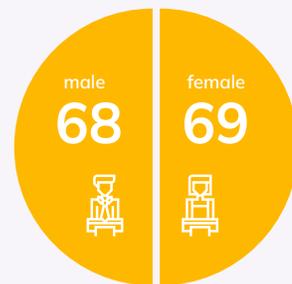
## SPONSORS – CAMPAIGNS AND EVENTS (2023)

- AES Corporation
- Allied Climate Partners
- Barclays plc
- Global Energy Alliance for People and Planet (GEAPP)
- Global Wind Energy Council
- Google
- IBM
- ORF America/PepsiCo Foundation
- UAE COP28 Presidency
- SSE plc

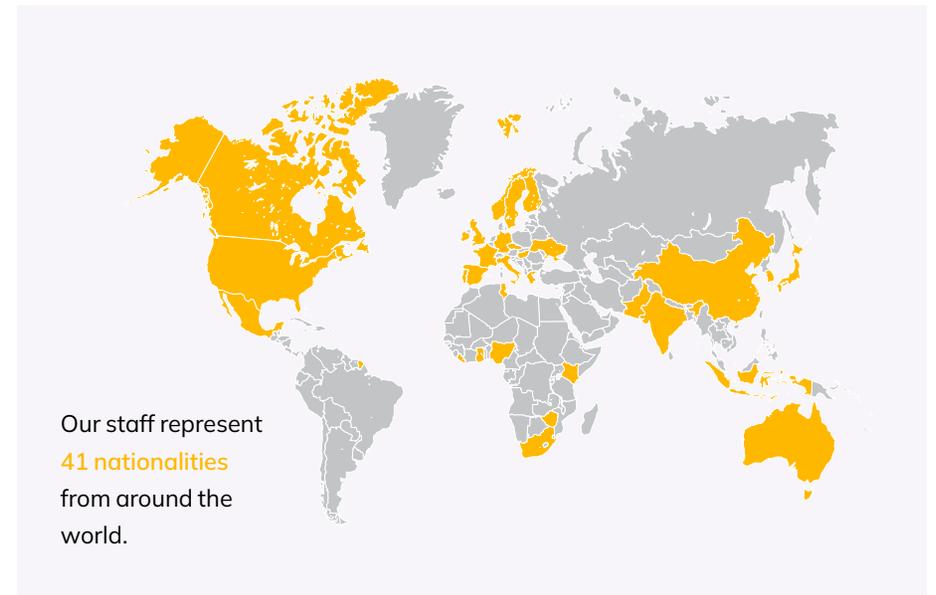
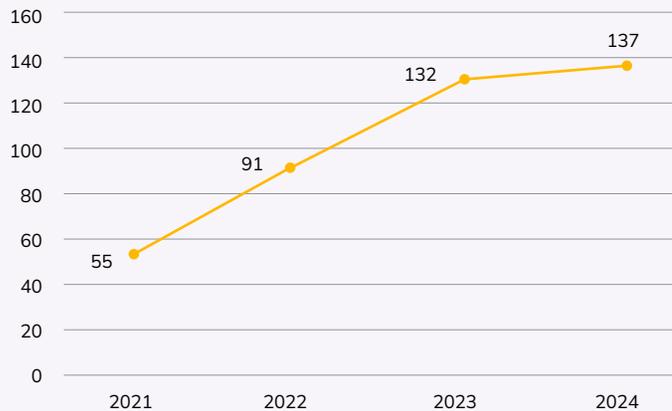
# Organizational information

## Our team

Our team of passionate professionals are located in our headquarters in Vienna and our offices in Abuja, Accra, Nairobi and New York City. To facilitate collaboration with the countries we work with, we also have staff seconded with the UN in Jakarta, and several team members are based in countries across Africa and Asia.



STAFF GROWTH



## Leadership

### Executive Management Committee

The Executive Management Committee is focused on strategic decision-making with the nimbleness that is required for the organization to adapt to new scenarios and challenges.

#### Damilola Ogunbiyi

Special Representative of the UN Secretary-General for Sustainable Energy for All and Co-Chair of UN-Energy and CEO

#### Stefano Marguccio

Deputy CEO

#### Sameer Ahmad

Acting Director, Finance and Operations

#### Amir Bahr

Head, UN-Energy and Board Relations

#### Kanika Chawla

Chief of Staff and Director of External Programmes

#### Brian Dean

Director, Energy Transition

#### Sherry Kennedy

Director, Communications

#### Jon Lane

Director, Partnerships and Development

#### David Munyoro

Director, Human Resources

#### Anita Otubu

Senior Director, Universal Energy Facility

### Programme Leadership Committee

The Programme Leadership Committee includes Programme leads and members of the Executive Management Committee. Together, they focus on strategic thinking around changes in the sector, trends and new areas of interest, potential partnerships, threats, and opportunities for SEforALL. The objective of the committee is to offer advice to the SRSG and CEO on strategic programmatic matters.

#### Lolade Abiola

Programme Manager, Energy Transition Office Nigeria

#### Sameer Ahmad

Acting Director, Finance and Operations

#### Amir Bahr

Head, UN-Energy and Board Relations

#### Jasmina Bosto

Programme Manager, Executive Office

#### Irene Calvé Saborit

Programme Manager, Energy Access Partnerships

#### Kanika Chawla

Chief of Staff and Director of External Programmes

#### Brian Dean

Director, Energy Transition

#### Ben Hartley

Programme Manager, Cooling for All

#### Uche Honnah

Programme Manager, Universal Energy Facility

#### Rosemary Idem

Programme Manager, Gender and Youth

#### Alvin Jose

Head, Energy Transition Planning and Energy Efficiency

#### Sherry Kennedy

Director, Communications

#### Jacqueline Lam

Regional Director, Asia

#### Jon Lane

Director, Partnerships and Development

#### Stefano Marguccio

Deputy CEO

#### Mikael Melin

Head, People-Centred Programmes

#### David Munyoro

Director, Human Resources

#### Nishant Narayan

Programme Manager, Integrated Energy Planning

#### Emeka Oragunye

Regional Director, Africa

#### Anita Otubu

Senior Director, Universal Energy Facility

#### Quinn Reifmesser

Head, Monitoring, Evaluation and Learning

#### Luc Severi

Head, Energy Access

#### Ruchi Soni

Principal Specialist, Africa Carbon Markets Initiative

#### Hadley Taylor

Programme Manager, Policy and Regulatory Frameworks

#### Muntaqa Umar-Sadiq

Programme Manager, Energy Transition Office Nigeria



## Governance structure

Our governance structure consists of a General Assembly and Governance Board, which are defined by our bylaws and statutes, as well as a consultative Funders' Council:

The [General Assembly](#) is the overarching body that approves the amendment of the organization's Statutes, adopts rules of procedure, approves financial statements and the appointment of an external auditor.

The [Governance Board](#) is our governing body that provides guidance on strategic direction and oversees SEforALL's general affairs and operations, including appointing the CEO and approving the annual work plan.

We rely on partner contributions to fund our operations. The [SEforALL Funders' Council](#) is a consultative group that provides advice and recommendations to the CEO and Governance Board.

Our [Leadership Council](#) is composed of distinguished leaders with a shared mission to accelerate action on SDG7 and the Paris Agreement. It is not a formal governance body but collaborates with our Governance Board and CEO to advance SEforALL's reach and impact.





To learn more about SEforALL's work, including partnership opportunities, contact us at:  
[partnership@SEforALL.org](mailto:partnership@SEforALL.org)

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