

TANZANIA RENEWABLE ENERGY ASSOCIATION (TAREA)



ANNUAL REPORT FOR YEAR ENDING 31.12.2025



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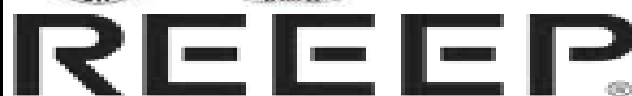
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Abbreviations

AC	Advisory Committee
COVID 19	Coronavirus Disease 2019
CRDB	Cooperative Rural Development Bank
CRES	China Renewable Energy Society
EAC	East Africa Community
EACREEE	East African Centre for Renewable Energy and Energy Efficiency
EAE	Energy Access Explorer
EC	Executive Committee
ECOWAS	Economic Community of West African States
EELA	Energy Efficiency for Sustainable Livelihoods in Africa
ELICO	Energy and Livelihoods for Communities Foundation
EMP-A	Energy Modelling Platform for Africa
Endev	Energizing development
EU	European Union
FDC	Folks Development College
ICS	Improved Cook Stoves
IRENA	International Renewable Energy Agency
Kg	Kilogram
kWp	Kilowatt peak
MDH	Management and Development of Health
MoE	Ministry of Energy
MVTC	Moravian Vocational Training Centre
MW	Mega Watt
NBS	National Bureau of Standards
NGO	Non-Government Organization
RE	Renewable Energy
RE&EE	Renewable Energy and Energy Efficiency
REA	Rural Energy Agency
REIF	Renewable Energy Investment Facility
SACREEE	South African Centre for Renewable Energy and Energy Efficiency
Sida	Swedish International Development Agency
SME	Small and Medium Enterprise

SOARING	Southern African Renewable Energy Investment and Growth
TAREA	Tanzania Renewable Energy Association
TBS	Tanzania Bureau of Standards
TBS	Tanzania Bureau of Standards
TISEZA	Tanzania Investment and Special Export Zones Authority
UNIDO	United Nations Industrial Development Organization
US	United States
WRI	World Resources Institute

1.0 Introduction

TAREA is a non-profit, member-based, non-government organisation that brings together local and international stakeholders to promote the accessibility and use of renewable energy and energy efficiency in mainland Tanzania. TAREA was established in 2000 and registered by the Ministry of Home Affairs on 7th May 2001 with Reg. No. SA10900. TAREA membership includes: corporate members (service providers/enterprises/NGOs), professional members (individuals), associate members (non-scientific individuals); dealer members (small enterprises/retailers); technician members (installation and maintenance artisans); and student members. To date, TAREA has 255 members (December 31, 2025). Over the years, TAREA has been implementing renewable energy and energy efficiency activities on: promotion and capacity-building, applied research, knowledge exchange and sharing, awareness creation, quality control, and advocacy/lobbying for a sound business environment. Also, it has been cooperating with local and international RE&EE players in implementing projects and programs.

TAREA has two branches: the Northern Zone, with an office in Arusha, serves the regions of Arusha, Manyara, and Kilimanjaro; and the Lake Victoria Zone, with an office in Mwanza, serves the regions of Kagera, Simiyu, Mara, Geita, Shinyanga, and Mwanza.

Since its founding, 2025 was the 24th year for the Tanzania Renewable Energy Association (TAREA).

Vision of TAREA

To be a reputable umbrella association, supporting and enabling the sustainable growth of the Renewable Energy sector throughout mainland Tanzania.

Mission of TAREA

The mission of TAREA is to promote and advocate for the increased use of renewable energy by developing an effective network of members and stakeholders, emphasizing the need for quality and best practices throughout the sector.

Objective of TAREA

The objective of TAREA is to promote the sustainable development of Renewable Energy Technologies in mainland Tanzania.

2.0 Management of Association

2.1 Executive and Branch Committees

The Executive Committee (EC) continued directing the implementation of TAREA activities through the Secretariat of the Association at the national level.

Branch Committees continued directing the implementation of TAREA activities through the Secretariat of the Branch at the zone level.

The term of the Committees is three years.

2.1.1 Executive Committee

The term of the current Executive Committee, which was elected by members in June 2024, runs from July 2024 to June 2027.

The Executive Committee consists of:

- (1) Dr.- Eng. Proper Magali (Chairperson)
- (2) Ms Brenda Kazimili (Vice-Chairperson)
- (3) Ms. Cecilia Manu (Treasurer)
- (4) Prof.-Eng. Cuthbert Kimambo (Ex-Chairperson)
- (5) Prof.-Eng. Geoffrey Reuben John (Ex Chairperson)
- (6) Dr.-Ing. Matthew Matimbwi (Executive Secretary)
- (7) Ms. Emma Laswai (Deputy Executive Secretary)
- (8) Eng. Finias Mageessa (Member)
- (9) Mr. Sisty Basil (Member)
- (10) Dr.-Eng Gerald Kafuku (Member)
- (11) Ms. Rehema Mbalamwezi (Member)
- (12) Dr.-Eng. Yusto Mugisha Yustas (Chairperson for TAREA Advisory Committee)
- (13) Eng. Daniel Ngwenya [1 Jan-16 May, 2025]/Dr.-Eng Urbanus Melkior [17 May-to date] (Chairperson of Northern Zone Branch), and
- (14) Eng. Ellison Malyi (Chairperson of Lake Victoria Zone Branch).

2.1.2 Lake Victoria Zone Branch Committee

The members of the Lake Victoria Zone Branch Committee consist of:

- (1) Eng. Ellison Malyi (Chairperson)
- (2) Jacob Ruhonyora (Branch Secretary)
- (3) Eng Edina Samwel (Treasurer) and
- (4) Fausta Ntara (Member).

2.1.3 Northern Zone Branch Committee

The members of the Northern Zone Branch Committee consisted of:

- (1) Eng. Daniel Ngwenya [1 Jan-16 May, 2025]/Dr.-Eng Urbanus Melkior [17 May 2025-to date] (Chairperson of Northern Zone Branch)
- (2) Ms. Susan Munuo (Vice-Chairperson)
- (3) Ms. Stella Mlay (Treasurer)
- (4) Ms. Ummy Marealle (Committee Member)

- (5) Eng. Harold Msanya (Chairperson Advisory Committee)

The new Branch Committee was elected on May 17, 2025.

2.2 Advisory Committees

2.2.1 Advisory Committee-Head Office

The Advisory Committee (AC) has a term of three years. The term of the current Advisory Committee is from 2024 to 2027. The Advisory Committee consists of:

- (1) Dr-Eng. Yusto Mugisha Yustas - Chairperson (Academics Representation)
- (2) Eng. Albina Minja - Secretary (Clean Cooking Sector Representation)
- (3) Eng. Emmanuel Michael Biririza - Member (Hydro/Geothermal/Green Hydrogen Sectors Representation)
- (4) Ms. Lena Drabig - Member (Wind Power Sector Representation)
- (5) Ms. Mercy Kitomari - Member (Electro Mobility Sector Representation)
- (6) Eng. Saidi Mbemba - Member (Solar Sector Representation)
- (7) Dr.-Ing. Matthew Matimbwi - Member (Association Executive Secretary)
- (8) Dr. Gerd-Henning Vogel - Invitee (Association Technical Advisor)
- (9) Ms. Emma Laswai - Invitee (Association Deputy Executive Secretary)

2.2.2 Northern Zone Branch

- (1) Eng. Harold Msanya-Chairperson
- (2) Eng. Godfrey Shayo-Solar Energy
- (3) Eng. Sithole Mwakatage – Member (Small Hydropower)
- (4) Eng. Lucia Petro – Member (Academia)
- (5) Eng. Samson Mwakapoma – Member (Clean Cooking)
- (6) Eng. Daniel Ngwenya- Member (E-Mobility)
- (7) Eng. Philip Mvungi-Member (Students)

2.2.3 Advisory Committee for Lake Zone Branch

The members of the Advisory Committee for the Lake Zone Branch consisted of:

- (1) Eng. Mohamed Parpia Rafik (Honorary Member),
- (2) Dorothy Sekito (Member) and
- (3) Creaty Mnyanga (Member)

2.3 Staffing and Personnel

2.3.1 Staffing of TAREA Head Office

TAREA Head Office had 4 permanent staff, 1 Senior Expert (Voluntary German Technical Advisor), and 1 Academic Intern.

2.3.2 Staffing of TAREA Northern Zone Branch

TAREA Northern Zone Branch had 1 Volunteer. The branch continued operating without an employee.

2.3.3 Staffing of TAREA Lake Victoria Zone Branch

TAREA Lake Victoria Zone Branch operated with 1 permanent staff, a Branch Secretary.

2.4 Office Spaces

2.4.1 Head Office Space

TAREA Head Office is located at Mandela Road, Plot 1081 Mabibo External Area, and Export Processing Zones Authority-Shopping Arcade Room 17. The office floor is 70 m². In the year 2021, the office space was extended from 35m² to 70m².

2.4.2 Northern Zone Branch Office Space

Arusha Technical College hosts TAREA Northern Zone Branch in Arusha town.

2.4.3 Lake Zone Branch Office Space

Former Nyamagana District Commissioner's Office, 1st floor, room number 9, near Mwanza Fire Brigade, Uhuru Street in Nyamagana District, Mwanza, hosts Lake Victoria Zone Branch.

Note: The Post Box number of the branch has been changed by the Tanzania Post Office Telecommunication from P.O. Box 6118 to P.O. Box 10170, effective from December 1st 2025

2.5 Remunerations, Utilities, Supplies and Equipment

TAREA managed to pay: salaries, various fees, utilities, internet services, stationery, and maintenance fees required for the smooth running of the office.

3.0 TAREA Activities in 2025

Activities implemented in 2025 are reported under the 4 strategic objectives.

3.1 Strategic Objective 1: Managing Knowledge and Information Dissemination

3.1.1 Implementation of Internship and Volunteering Programs

TAREA conducted 4 internship programs.

3.1.1.1 REN Volunteer Program

The first program was the REN Volunteer Program in which graduates from finance institutes practice in renewable energy and energy-efficiency financing. One youth from the Institute of Finance Management participated in the program. He completed the program in July 2025.

The City of Hamburg, through Deutsch-Tansanische Partnerschaft Verein, supports the program.

The program is ongoing.

3.1.1.2 University Students Internship

The second program was the “Semester Abroad” program. TAREA hosted 2 students. The students were Jonas Kunhardt from Bochum University in Germany, and Shun Matsumoto from Shiga University, Japan.



Photo 1: Left to Right: Jonas Kunhardt, an Intern from Bochum, and Matthew Matimbwi, TAREA Executive Secretary

The interns mobilised finance themselves.

The internship program is ongoing.

3.1.1.3 Mwanza Volunteer Program

TAREA Lake Zone Branch and the Consultation Centre for Social Nurturing (CCSN) of Germany operate a program that sends volunteers to Germany. In 2025, the program sent 2 volunteers to Germany.

The program is ongoing.

3.1.1.4 Hosting Tanzanian Students

TAREA hosted one student, Ms Beatrice Richard, from the College of Business Education, Dar es Salaam, for two months. The student practised skills in business management. The student self-financed.

The program of hosting national college/university students is ongoing.

3.1.2 Training of Solar PV Trainers for the Moravian MVTCs

Moravian Church in Tanzania cooperates with the Herrnhuter Missionshilfe e.V. of Germany to establish solar photovoltaic training at the Moravian Vocational Training Centres in Mbeya, Songea and Namtumbo. TAREA conducted training for instructors and monitored them. TAREA conducted training in 2023, and artisanal training started in 2024. TAREA conducted the first monitoring of the established solar courses in May 2024. In 2025, TAREA monitored the practical training of the trainees from the benefiting Moravian Vocational Training Centres of Mbeya, Songea and Namtumbo.

URBIS Foundation finances the project through Herrnhuter Missionshilfe e.V.

The activity is ongoing.

3.1.3 Establishment of Solar Training at Masasi FDC

The regions of Lindi and Mtwara had no solar training centre at the artisanal level. These regions are potential ones for the use of solar photovoltaic technology, but youths were missing the self-employment opportunities in solar photovoltaic technology.

TAREA started a 3-year project to support Masasi Folks Development College (FDC) in the development of solar training. The support consisted of training trainers and the provision of training equipment.

The training was established in 2024. TAREA continues to monitor the training program at Masasi FDC.

URBIS Foundation finances the project.

The project is ongoing.

3.1.4 Sensitisation of Female SMEs on the Potential of Solar Photovoltaics

TAREA conducted the activity of sensitisation of 300 female SMEs on the potential of solar photovoltaics. The event was conducted at the Tanzania Episcopal Conference.

The activity was implemented to address limited awareness and understanding among women entrepreneurs on the potential of solar photovoltaic technologies as reliable and cost-effective energy solutions for productive uses. The activity aimed to empower women with practical knowledge on how renewable energy can reduce operating costs, improve business efficiency, enhance productivity, and expand income-generating opportunities across sectors such as agro-processing, small-scale manufacturing, and services. The sensitisation resulted in strong interest and engagement from participants, leading to multiple follow-up calls and direct linkages between women entrepreneurs and TAREA member companies for potential adoption of solar solutions, including lighting, solar drying, irrigation pumps, and energy support for milling machines. Additionally, d. light was invited to showcase and demonstrate its products, providing participants with hands-on exposure and facilitating immediate market interactions, product inquiries, and sales opportunities, thereby strengthening business connections and market uptake of solar technologies.

The event was organised by the Equal Opportunities for All Trust Fund (EOTF).

The activity was completed.

3.1.5 Green School Initiative

Masasi District Council and Masasi Town Council, in partnership with Enzkreis, implement the project Green School Initiative – Reforestation, Water Treatment, and Environmental Education for a Sustainable Future in Masasi.



Photo 2: Youth trained at Masasi Environment Education Centre

TAREA provides technical support to the project. TAREA strengthens the institutional and technical capacity of the Masasi Environmental Education and Communication Centre to effectively deliver sustained environmental education and awareness. TAREA produces communication materials and trains trainers who will be conducting environmental education at 10 secondary schools in Masasi District.

The project is financed by the German Federal Ministry for Economic Cooperation and Development through Global Engagement GmbH and Enzkreis.

The activity continues.

3.1.6 Scaling up and Sustainability of the Energy Access Explorer

TAREA continued scaling up the use of Energy Access Explorer (EAE) and reaffirmed the sustainability of the platform within the country.

The existing EAE platform needed regular updates and continuous availability of updated data to inform integrated energy planning for developers and potential investors.

TAREA activated the Tanzanian EAE Working Group that constituted members from the private sector as well as the public sector (both Ministries and Agencies) so that the platform is used and updated as needed and as data are available. Conduct some dissemination trainings among different stakeholders, including academia, Civil society, and project developers in the energy access space

The activity resulted in the reactivation and strengthening of the Tanzanian Energy Access Explorer (EAE) Working Group, bringing together key public and private sector stakeholders to promote coordinated use, ownership, and updating of the platform. This engagement improved awareness and utilisation of the EAE as a national planning and investment-support tool, encouraged data sharing and validation among institutions, and laid the groundwork for more regular data updates, thereby enhancing the platform's sustainability and relevance for integrated energy planning, developers, and potential investors. The explorer can be accessed free of charge at <https://www.energyaccessexplorer.org/tool/s/>

The project was supported by the World Resources Institute (WRI) of the US.

The project was completed.

3.1.7 Learning Visit at Kibasila Primary School

20 TAREA members visited Kibasila Primary School in Temeke, Dar es Salaam, to learn about their experience using pressure cookers as part of the e-cooking initiative. The visit was aimed at learning how modern cooking solutions can improve energy efficiency, reduce cooking time, and promote sustainable practices in institutional settings. The learning visit exposed a business opportunity to the TAREA corporate members.

The installation at Kibasila Primary School is one of the 50 installations to be realised by the World Food Programme in cooperation with the Sustainable Energy for All Program.



Photo 3: TAREA members visiting Kibasila Primary School Kitchen

The activity was financed by TAREA members.

The activity continues.

3.1.8 Conduct Webinars

TAREA conducted 2 webinars for the members on the following:

- (i) Webinar on CRDB Bank Plc Financial Product for Sustainable Clean Cooking Solutions
The webinar was conducted to inform members of the financial opportunity with CRDB in the sustainable clean cooking sector.
- (ii) Training Webinar on Bifacial Solar Module
The webinar was called to train artisans on bifacial solar modules.

3.1.9 UpEnergy Local Stakeholder Consultation

TAREA, with the representation of Ms. Susan Machange, participated in the event of the Local Stakeholder Consultation, which aimed to engage local stakeholders and raise awareness of clean energy technologies being deployed under UpEnergy's carbon programmes, while ensuring alignment with national clean cooking and energy transition goals. The initiative supports efforts to reduce greenhouse gas emissions, improve public health, and promote sustainable energy use in mainland Tanzania.

UpEnergy facilitated the event.

The event is completed.

3.1.10 Nane-Nane Exhibition in Mwanza

TAREA participated in the Nane-Nane Exhibition 2025 in Mwanza.

TAREA, together with the government fishery officers, promoted the youths and women to join support groups to acquire government loans for establishing fish cages to improve their lives.

Also, TAREA, with the Simusolar Company, promoted the productive uses of renewable energy for the establishment of macro and micro farming projects to benefit the communities around Lake Victoria in agricultural production using solar irrigation appliances.

The activity continues.

3.1.11 Nane-Nane Exhibition in Arusha

TAREA participated in the Nane-Nane Exhibition in Arusha. TAREA participated in the event to raise awareness of the potential of renewable energy and energy efficiency, and network with stakeholders. The participation was made possible by Arusha Technical College, Loti Energies Ltd, Watu na Umeme Ltd, D-light, and Boon Consultancy.



Photo 4: Booth at Nane-Nane Exhibition in Arusha

The activity was completed.

3.1.12 Renewable Energy Promotion to the Schools

Before COVID-19, TAREA had been promoting renewable energy to the deaf students at Bwiru Secondary School. In 2025, there was a discussion held between the branch and the School Management of Bwiru Boys Technical School to continue the renewable energy training for the deaf students; that stopped because of the outbreak of COVID 19.

The activity is still under preparation.

3.1.13 Training of Biomedical Technicians and Engineers

TAREA, in cooperation with the Arusha Technical College, conducted training on solar system designing and installation for biomedical technicians and engineers.

The training was facilitated by the ELICO Foundation.

The activity was completed.

3.1.14 Study Visit to Kikuletwa

TAREA conducted a member study visit to the Kikuletwa Renewable Energy Training Centre. The study visit was conducted to provide participants with practical and theoretical exposure to the solar system, real hydropower systems (new and old), enhance their understanding of renewable energy technologies, and create opportunities for networking with experts at ATC Kikuletwa campus centre of excellence in renewable energy.



Photo 5: Old hydropower machines at Kikuletwa Renewable Energy Training and Research Centre

3.2 Strategic Objective 2: Networking Public and Private Renewable Energy and Energy Efficiency Stakeholders

3.2.1 TAREA Membership in the Forums and Networks

TAREA is a member of the following national and international forums and networks:

- i) Alliance of Civil Society Organisations for Clean Energy Access (ACCESS)
- ii) Association of Association Executives
- iii) Clean Cooking Alliance
- iv) Climate Technology Centre and Network (CTCN)
- v) East Africa Renewable Energy Federation (EAREF)
- vi) International Solar Energy Society (ISES)
- vii) PREVENT Waste Alliance
- viii) Renewable Energy and Energy Efficiency Partnership (REEEP)
- ix) Spix e.V Netzkraft Movement
- x) Wind Empowerment
- xi) EAC Clean Cooking Stakeholders Network
- xii) Global Solar Council (new)

3.2.2 Partnerships

TAREA has partnered with the following organisations to promote renewable energy and energy efficiency solutions in Tanzania.

- i) Alliance for Rural Electrification (ARE) Energy Access Investment Forum to disseminate information about the events.
- ii) German Embassy in Dar es Salaam to install a solar photovoltaic system for the Maternity Ward at Namatula Health Centre, Nachingwea District Council.
- iii) URBIS Foundation, a German NGO, to develop a solar training facility at Masasi Folks Development College.
- iv) Landratsamt Enzkreis, a German District, established an environmental education program in Masasi District.
- vi) Beijing University of Chemical Technology and China Society for Renewable Energy, Chinese organisations, to initiate the support of Improved Cook Stoves to the Ministry of Energy.
- v) World Resources Institute, a US-based organisation, to disseminate Energy Access Explorer.
- vi) Tanzania Microfinance Institutions Association (TAMFI), a Tanzanian business association, to promote financing of renewable energy productive uses.
- vii) Deutsch-Tansanische Verein, to implement REN Volunteer Program.
- viii) Herrnhuter Missionshilfe e.V, to promote solar vocational training at the Moravian Vocational Training Centres in the Southern Highlands.
- ix) SWARM E Project Consortium (Micro Energy International, SolShare, Wuppertal Institut, VITO, inēdit, OffGridBox, iNKOMOKO, University of Rwanda, ekoglobe, i2m, elico foundation, WeTu, Europroject, BWB-Investment Bank for Earth, and RES4AFRICA Foundation) to pilot the SWARM E grid in Rwanda and Tanzania.
- x) Africa Mini Grid Developers Association (AMDA) to promote the development of renewable energy mini-grids and solar rooftops.

- xi) SNV-Netherlands Development Organisation, to advocate for clean cooking solutions, and capacity building of the biomass clean cooking solutions SMEs in producing quality and efficient solutions.
- xii) AIS Capital Advisors, to review the guideline documents of the Renewable Energy Investment Facility of the World Bank to be implemented by the Rural Energy Agency.
- xiii) African Enterprise Challenge Fund (AECF), to create an enabling environment for scaling up the market uptake of the solid biomass-based sustainable clean cooking solutions.
- xiv) Renewable Energy and Energy Efficiency Program (REEEP) to promote sustainable energy SMEs' access to financing.
- xv) Wurzburg City, Germany, to promote sustainable technologies in Mwanza.
- xvi) Nyamagana District Council, Mwanza Region, to promote sustainable fishing.
- xvii) Ilemela District Council, Mwanza Region, to promote sustainable fishing.
- xviii) Consultation Centre for Social Nurturing (CCSN), to enable the exchange of volunteers between Germany and Tanzania.
- xix) Katholische Landjugendbewegung im Erzbistum Paderborn (KLJB), to support the promotion of the adoption of solar fishing lights on Lake Victoria

3.2.3 Participation in the Steering Committee of EELA

TAREA, represented by the Vice Chairperson, Ms. Brenda Kazimili, participated in the Energy Efficiency for Sustainable Livelihoods in Africa ([EELA](#)) Project Steering Committee (PSC) on 24 October 2025 in Accra, Ghana, where we discussed and agreed on the activity plans and budget for 2026. The agreed plans and budget were submitted to the TAREA Head Office Secretariat.

The EELA project is implemented by UNIDO in cooperation with ECOWAS, SACREEE, and EACREEE, and financed by Sida.

The activity is ongoing.

3.2.4 Intersolar Europe and Global Association Workshop

TAREA participated in the Intersolar Europe and Global Association Workshop in Munich, Germany, from 7-8 May 2025. Chairperson, Dr.-Eng. Prosper Remmy MAGALI represented TAREA. Solar Power Europe financed the participation of TAREA.

The activity was completed.

3.2.5 Intersolar Africa Summit

In February 2025, TAREA participated in the first Intersolar Africa, which took place in Nairobi, Kenya. TAREA was represented by the Executive Secretary, Dr.-Ing. Matthew Josephat MATIMBWI.

The participation was supported by Solar Promotion GmbH.

The activity continues.

3.2.6 IRENA Innovation Week 2025 in Bonn

TAREA participated in the event of IRENA Innovation Week 2025 that took place in Bonn from June 10 to June 13, 2025. The theme of the event was “Renewables and Digitalisation for a Sustainable Energy Future”.

The event consisted of site visits and conferences. TAREA used the opportunity to build a working relationship with IRENA. TAREA was represented by the Executive Secretary, Dr.-Ing. Matthew Matimbwi.



Photo 6: Section of participants to the IRENA Innovation Week 2025 Visiting Kraftwerke Mainz Wiesbaden AG

The participation was financed by IRENA.

The activity was completed.

3.2.7 Africa Climate Summit 2

From the 8th to the 10th of September, 2025, TAREA participated in the event of the Africa Climate Summit 2 (ACS2) in Addis Ababa, Ethiopia. TAREA was represented by Ms. Cecilia Richard and Ms. Susan Machange.

Theme of the event: “Accelerating Global Climate Solutions and Financing for Africa’s Resilient and Green Development.”

TAREA participated in the topics of Green Industrialization in Africa: Powering Value Chains with Renewable Energy, Unlocking the Role of Industry Associations in Advancing Clean Energy Policy, Data, and Access.

TAREA participation was financed by the ClimateWorks Foundation.

The activity was completed.

3.2.8 Low-Carbon Transport Acceleration Program

TAREA participated in the workshop of the Low Carbon Transport Acceleration Program of NBC, called to present the finance product that accelerates Tanzania's transition toward low-carbon and sustainable transport systems, with a strong focus on reducing dependence on fossil fuels and unlocking opportunities in electric mobility. The workshop took place in Dar es Salaam.

TAREA was represented by Ms. Susan Machange.

The event was financed by the National Bank of Commerce.

The activity was completed.

3.2.9 TAREA Membership Recruitment

TAREA has recruited a total of 65 new members in the year 2025. The number of active members increased from 221 in the year 2024 to 255 by 31 December 2025.

Member category	2023		2024		2025	
	New members	Active members	New members	Active members	New members	Active members
Corporate Member Large Business	10	45	17	64	22	80
Corporate Member Small Business	3	13	0	10	2	12
Corporate Member Dealer	-		1	1	2	2
Professional Member	15	81	16	81	25	105
Technician Member	7	27	6	30	4	34
Associate Member	1	7	3	9	1	7
Student Member	206	226	8	24	8	13
International Member Individual	-	2	0	1	0	1
International Member Corporate	2	3	0	1	1	1
Total	244	404	51	221	65	255

Table 1: New members recruitment and active members 2023-2025

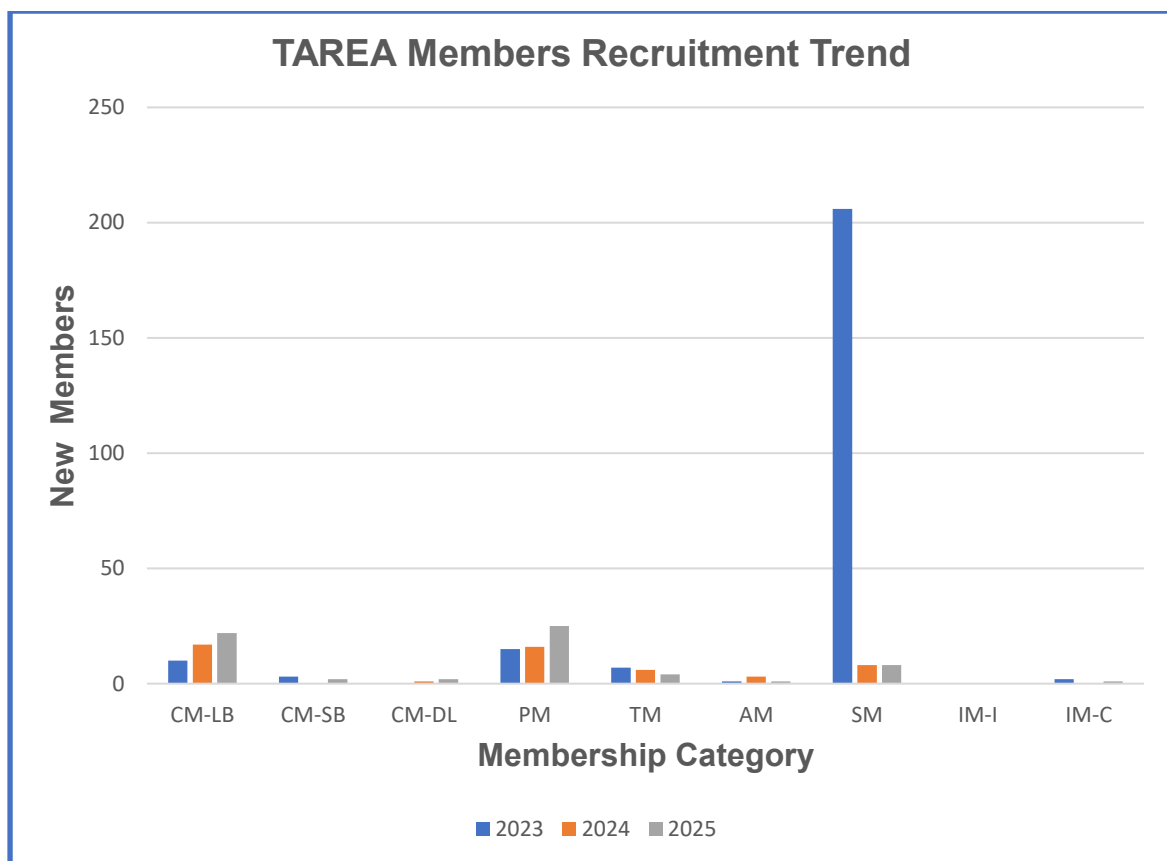


Figure 1: Members Recruitment Trend 2023-2025

CM-LB	Corporate Member-Large Business
CM-SB	Corporate Member-Small Business
CM-DL	Corporate Member-Dealer
PM	Professional Member
TM	Technician Member
SM	Student Member
IM-I	International Member-Individual
IM-C	International Member-Corporate

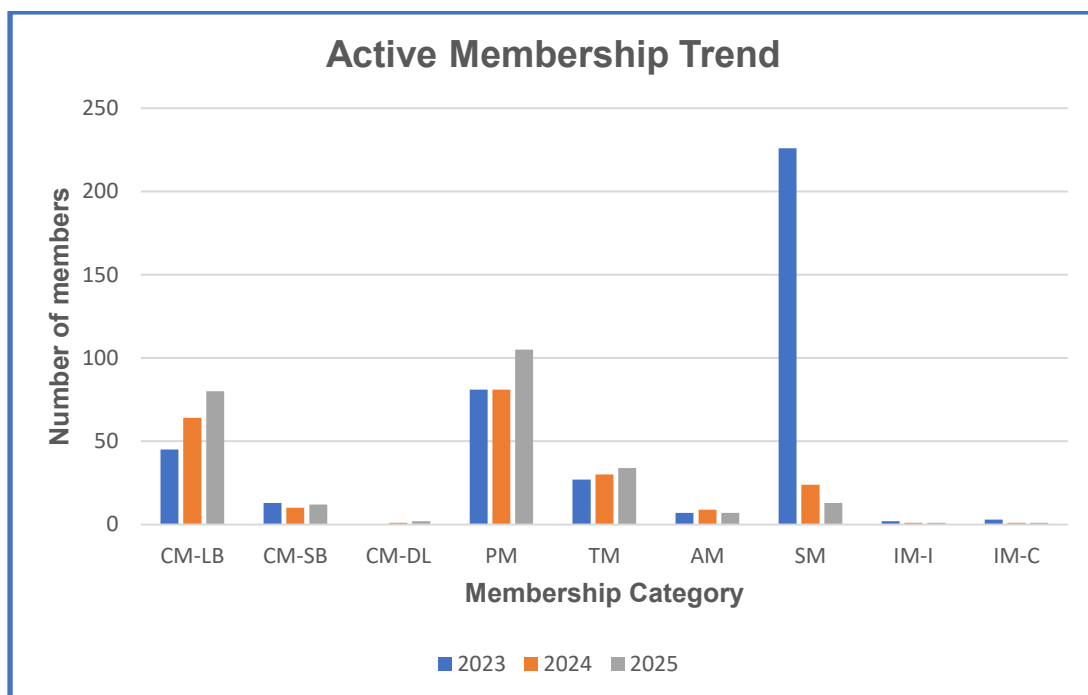


Figure 2: Active Members Trend 2023-2025

CM-LB	Corporate Member-Large Business
CM-SB	Corporate Member-Small Business
CM-DL	Corporate Member-Dealer
PM	Professional Member
TM	Technician Member
SM	Student Member
IM-I	International Member-Individual
IM-C	International Member-Corporate

The activity is ongoing.

3.3 Strategic Objective 3: Supporting the Creation of an Enabling Environment and Framework for Sustainable Renewable Energy and Energy Efficiency Markets

3.3.1 Installation of Solar System at Namatula Health Centre

The Maternity Ward of Namatula Health Centre in Nachingwea District Council had a challenge of unreliable electricity supply from the national grid.

TAREA, in cooperation with Nachingwea District Council, installed a solar photovoltaic system of 4.95kWp.



Photo 7: Training of End-Users at Namatula Health Centre on the Best Practices of Using Solar Photovoltaic Systems

The Maternity Ward is now supplied with electricity reliably.

Thanks to the Minister of Foreign Affairs of the German Federal Government, which contributed finance through the German Embassy in Tanzania.

The activity was completed.

3.3.2 SWARM-E Mini Grid Project

TAREA continued cooperating with 15 partners to implement the 4-year pilot project of SWARM-E Mini Grid (<https://swarm-e.eu>), which is implemented in Rwanda and Tanzania. The project outcomes will consist of 5 mini-grids, 7 water purification plants, 15 e-mobility solutions, the generation of 700 Kg of green hydrogen (Rwanda only), and 500 jobs. In Tanzania, the project will be implemented on the island of Kwale in Mkuranga District.

In Tanzania, the project is implemented on Kwale Island, Mkuranga District, Pwani Region, where the existing defective mini-grid will be revitalised and upgraded, and a new SWARM grid will be installed. TAREA plays a role in the regulatory environment for Rwanda and Tanzania. TAREA also supported the project partner ELICO in data collection in the Kwale and Koma Islands.

The European Union finances the project.

The project is ongoing.

3.3.3 Renewable Energy Week 2025

TAREA, in partnership with the Ministry of Energy, conducted Renewable Energy Week, which consisted of training, site visits, exhibitions and conferences. The event was held in Dar es Salaam on 26th and 29th June 2025.

On 26th June 2025, two activities took place in parallel. The training on the Battery Storage System was conducted by Nile Energy Solutions, and Aga Khan Hospital hosted the learning visit to the 1.3MW rooftop at the health facility.

On the 27th June 2025, stakeholders attended the SWARM E project workshop.

On the 28th and 29th of June, 2025, the main event of the conference and exhibition took place at Julius Nyerere International Conference.

The event attracted about 300 local and foreign renewable energy and energy efficiency actors.

The activity is ongoing.

3.3.4 Supporting MDH Solar Photovoltaics Project

Management and Development of Health (MDH) is installing solar photovoltaic systems at health facilities it has been supporting in the regions of Dar es Salaam, Kagera, and Tabora.



Photo 8: Battery Bank at Mutukula Dispensary

TAREA provided technical support to the project through quality assurance for the installation of solar photovoltaic systems at more than 250 health facilities.

The activity is ongoing.

3.3.5 Participation in Review of REIF Guidelines

The World Bank is reviewing the guidelines of the Renewable Energy Investment Facility (REIF), which will be implemented by the REA. TAREA has partnered with AIS Capital Advisors of Nairobi to carry out the assignment. AIS Capital Advisors plays the role of a lead.

The activity is ongoing.

3.3.6 Advocacy for Emission Analyser for TBS

The availability of locally produced biomass-based clean cooking solutions is very low. This has been contributed to by the limited capacity of the Tanzania Bureau of Standards (TBS) to conduct emission tests.

To enable increased access to clean and efficient biomass cooking solutions, TAREA advocated for the European Union (EU) and the Ministry of Energy to equip the TBS with the emission analyser. The advocacy was concluded on the 16th October, 2025, when the EU and the Ministry of Energy commissioned the equipment at the TBS. The availability of an emission analyser will increase the availability of clean biomass cooking solutions in the market.

The assignment ahead is to build the capacity of the local producers in producing biomass solutions that conform to the Tanzania Standards.

The activity was self-financed.

The activity was completed.

3.3.8 Advocacy for Sustainable Clean Cooking Tax Incentives

The uptake of sustainable clean cooking solutions is still low. This is contributed to by the unaffordable prices.

TAREA continued the initiative of advocacy for the incentives on sustainable clean cooking solutions that was initiated in 2024. After attaining the tax incentive on the biomass briquettes decarbonization furnace, TAREA continued with the advocacy for the incentives for e-cooking appliances, briquettes making machines, and Improved Cook Stoves.

The initiative was supported by Endev through SNV-Netherlands Development Organisation and Africa Enterprise Challenge Fund (AECF).

The activity is ongoing.

3.3.9 Engagement with CRES and BUCT

To scale up the uptake of renewable energy solutions, among other partners, TAREA works with China Renewable Energy Society (CRES) and the University of Beijing of Chemical Technology (BUCT).



Photo 9: TAREA Members Meeting CRES and BUCT Teams

TAREA hosted the Chinese Delegation, which met TAREA members and the Ministry of Energy to support the development of the biomass clean cooking sector. CRES will work with TAREA to support the development of quality biomass briquette production. Further, the delegation presented the opportunity for the Ministry of Energy to access the support of ICS from the Government of China.

The activity is ongoing.

3.3.10 Initiation of the Development of the Data Collection Framework

Mainland Tanzania lacks a framework for the collection of data on clean cooking and off-grid renewable energy solutions.

TAREA initiated advocacy with the Ministry of Energy to enable the development of a data framework. The agenda was well received by the Ministry of Energy.

The activity is ongoing.

3.3.11 Participation in Government Engagement

- i) Development of an Energy Balance Framework (MoE/NBS).
- ii) Development of Minimum Energy Performance Standards for refrigerators, fans, televisions, lights and electric motors (MoE/TBS).

3.3.12 Participation in the National and International Committees

TAREA served on the following national and international committees.

- i) TBS Battery Standards Committee
- ii) TBS Biomass Standards Committee
- iii) TBS Biofuels Standards Committee
- iv) TBS Electrical Energy Standards Committee
- v) TBS Electronics Standards Committee
- vi) TBS Renewable Energy Standards
- vii) TBS Biomass Energy Standards
- viii) UNDP National Small Projects Steering Committee
- ix) KRETC Industrial Advisory Committee
- x) CookFund Project Technical Committee
- xi) CookFund Project Steering Committee
- xii) CookFund Investment Committee
- xiii) Tanzania Energy Statistics Steering Committee
- xiv) Tanzania Energy Statistics Technical Committee; and
- xv) EELA Project Steering Committee.

3.3.13 SOARING Program

Most of the Mainland Tanzania sustainable energy SMEs have a challenge of access to finance from financial institutions like banks.

TAREA, in cooperation with Renewable Energy and Energy Efficiency Program (REEEP), implements the program of Southern African Renewable Energy Investment and Growth (SOARING). The program supports Mainland Tanzania sustainable energy SMEs to access loans from financial institutions through the provision of guarantees.



Photo 10: SOARING Event in Dar es Salaam

The activity is financed through the International Climate Initiative (IKI), a program of the Federal German Ministry for Economic Affairs and Climate Action (BMWK).

The activity is ongoing.

3.3.14 Clean Cooking SMEs Capacity Building in Accessing Finance

Most of the mainland Tanzania Clean Cooking SMEs have limited capacity in developing submissions to the financing institutions for accessing funds.

International Renewable Energy Agency (IRENA) and TAREA implemented the activity of capacity building of the Clean Cooking SMEs in accessing finance in mainland Tanzania.



Photo 11: IRENA Training Session in Dar es Salaam

The activity was financed by IRENA.

The activity was completed.

3.3.15 Power & Elec Tanzania International Expo 2025

TAREA partnered with Exhibitions and Trade Services India Pvt Ltd (ETSIPL) of Mumbai to conduct the Power & Elec Tanzania International Expo 2025 in Dar es Salaam. The event consisted of exhibitions of power and electricity and a workshop. The exhibitions introduced various technologies of solar photovoltaics and grid electricity. The workshop provided the platform for the sustainable energy actors to dialogue on the role of the private sector in realizing the Compact300.

The activity was completed.

3.1.16 Formation of Fishermen Groups

TAREA is working to promote sustainable fishing on Lake Victoria.

Two new fishermen groups were formed in Bwiru (Jitafute Group) and Mkuyuni (Mwongozo Group) from Ilemela and Nyamagana districts, respectively. These groups were trained on the savings and loans model, registered with the local government authority and with the financial institutions.

The activity is financed by the City of Wurzburg through the City of Mwanza.

The activity is ongoing.

3.1.17 Strengthening Fishermen Groups

TAREA followed up on the (8) fishermen groups it created in Bwiru and Mkuyuni. The groups were strengthened and supported on saving and loan best practices, registration and loan acquisition procedures from the local government and other financial institutions.

The activity is self-financed.

The activity is ongoing.

3.4 Strategic Objective 4: Promotion of Institutional Capacity Building

3.4.1 Training on Africa Energy Efficiency Policy

Vice Chairperson of TAREA, Ms. Brenda Kazimili, participated in the training of Africa Energy Efficiency Policy Training in Ghana from 20th to 23rd October 2025 in Accra, Ghana. The main agenda was to equip energy efficiency policymakers from across Africa with knowledge and skills to advance energy efficiency goals in the areas of energy efficiency in buildings and appliances, Industry, Transport, indicators, and evaluation.

[EELA](#) project is implemented by UNIDO in cooperation with ECOWAS, SACREEE, and EACREEE, and financed by Sida.

The activity was completed.

3.4.2 Training on Advanced Excel

Two members of staff, Emma Laswai and Susan Machange, participated in the training on Advanced Excel conducted by Expertise France in Morogoro.

The European Union financed the training.

The activity was completed.

3.4.3 Open-Source Energy Access Symposium

Emma Laswai participated in the 2nd Open-Source Energy Access Symposium in Nairobi.

Participation in the 2nd Open-Source Energy Access Symposium in Nairobi strengthened understanding of various open-source energy access platforms, their practical applications, and the value they bring to evidence-based energy access planning. TAREA gained hands-on exposure to how these tools support data-driven decision-making while using the platform to highlight the importance of sustainability through local ownership within working groups, as well as to raise critical challenges related to timely data availability, updating, and access from public institutions.

World Resources Institute (WRI) organised the symposium.

The event was completed.

3.4.4 Seminar on RE and Industrial Technology Development

Emma Laswai participated in the South-South Cooperation on Climate Change Seminar on Capacity Building for Renewable Energy and Industrial Technology Development in China.

The seminar strengthened the understanding of renewable energy development within the broader context of climate governance, energy transition, and industrial technology cooperation among developing countries. The seminar provided strategic insights into climate change policy formulation, global and South-South climate governance, pathways to carbon neutrality, and China's renewable energy policies and practices, complemented by practical exposure through field visits to zero-carbon villages, renewable energy enterprises, and technology innovation hubs. These engagements enhanced appreciation of integrated energy systems (wind, solar, hydrogen, storage), digital power grids, and rural energy applications, while business exchanges and enterprise visits offered lessons on technology deployment, financing, and partnerships relevant to advancing renewable energy adoption, policy advocacy, and private-sector engagement in Tanzania.

China Energy Research Society (CERS) financed the seminar.

The activity was completed.

3.4.5 Executive School 2025, Milan, Italy

Emma Laswai participated in the Executive School 2025 in Milan, Italy. The training was on strategic, technical, and financial understanding across the renewable energy value chain, with a strong focus on Africa's just energy transition. The program enhanced knowledge on renewable energy technologies, grid integration, energy markets, project finance, investment de-risking, and policy and regulatory frameworks, while also addressing emerging priorities such as electrification of final uses, e-mobility, and gender inclusion in the energy sector.

This multidisciplinary exposure equips TAREA staff with practical insights to strengthen policy advocacy, market development, stakeholder engagement, and evidence-based support to members, while reinforcing TAREA's role in promoting sustainable, inclusive, and locally anchored renewable energy development in mainland Tanzania.

RES4Africa Foundation organised the training.

The activity is completed.

3.4.6 Energy Modelling Platform for Africa 2025

TAREA participated in the training of the Energy Modelling Platform for Africa (EMP-A) 2025, which took place in Addis Ababa, Ethiopia.

EMP-A 2025 was implemented to strengthen Africa's capacity in integrated energy, climate, land, and water modelling, and to promote collaboration and data-driven decision-making that supports sustainable, inclusive energy transitions across the continent.

United Nations Economic Commission for Africa (UNECA) facilitated the event of EMP-A 2025 through the African Climate Policy Centre (ACPC), with support from

Climate Compatible Growth (CCG) and technical collaboration from partners, including the World Resources Institute (WRI).

The participant from TAREA was Ms Susan Machange.

The activity was completed.

3.4.7 Training on Innovative Solar Components

Lake Victoria Zone Branch leaders, Jacob Ruhonyora (Branch Secretary), and Eng. Ellison Malyi (Chairperson) attended a one-day workshop held by Chloride Exide to learn about the new products of the inverters, batteries, and panels that are manufactured by Eastman Solar Company Limited in India.

The activity was completed.

4.0 Statement of Receipts and Payments

	Notes	2025 TZS	2024 TZS
Revenue			
Non-exchange transactions	3	3,315,000	19,258,825
Exchange transactions	4	279,876,131	198,356,607
Grant Income	5	471,204,406	305,858,840
		754,395,537	523,474,272
Expenses			
Direct Project Related cost	6	561,854,450	320,444,482
Administration Expenses	7	84,356,539	101,268,186
Employment expenses	8	98,934,548	93,345,148
Total expenses		745,145,537	515,057,816
Balance C/F		9,250,000	8,416,456

Table 2: Income of receipts and payments for the year ended 31.12.2025
[Source: TAREA Financial Statements Audited Report for Year Ending 31.12.2025]

The full financial statements audited report for the year ending 31.12.2025 is available upon request.

5.0 Lessons learned

The lessons learned in 2025 are as follows.

- i) A single entity cannot work alone to scale up the uptake of renewable energy and energy efficiency solutions. The partnership enables contributions to the national sustainable energy plans.
- ii) Changes in international political landscapes have a great negative impact on the initiatives of attaining the goals of sustainable development, with energy being one of the sectors. It is important to choose the right partners with a low risk of political regimes.
- iii) Close cooperation with the Government Authorities and Agencies enables the participation of the private sector in realising government plans. This practice has enabled TAREA to be a principal partner of the mainland Tanzania ministries and related agencies in promoting the adoption of sustainable energy solutions.

6.0 Future perspectives

TAREA will participate in realising **sustainable** energy actions as presented in the Tanzania Energy Compact 300, the Tanzania Energy Efficiency Strategy 2024-34, National Renewable Energy Strategy 2024-34, and the Tanzania Clean Cooking Strategy 2024-2034. Quality capacities in renewable energy and energy efficiency at all levels should be given priority.

7.0 Conclusion and Recommendations

TAREA has managed to implement the activities presented in this report through political support from the Government of Tanzania and its partners. Thanks to the trust extended by partners to TAREA.

The donor financial landscape is eroding. Some financiers are already changing their cooperation financing policies. It is recommended that TAREA members bear more financial responsibilities to enable scaling up the renewable energy and energy efficiency market in Tanzania.