

TaTEDO-SESO IN BRIEF

TaTEDO-Sustainable Energy Services Organization

(TaTEDO-SESO) is a sustainable energy services development organization based in Dar es Salaam, Tanzania. The organization is a non-profit organization initially registered in 1990 by the Ministry of Home Affairs and was re-registered by the NGO Registrar of Tanzania in 2022 under the Non-Governmental Organizations Act, No. 24 of 2002. The organization has more than thirty-two years of experience actively involved in the development of sustainable energy services, operating from its head office in Dar es Salaam and support offices in Dodoma and Kilimanjaro and working with partners within and outside the country.

Our Vision

A country where all have access to sustainable energy services while conserving the environment, creating wealth, and combating climate change.

Our Mission

To facilitate and empower stakeholders to unlock barriers along sustainable energy value chain by providing support services and fostering enabling environment for enhanced access to sustainable energy services for environmental conservation, wealth creation, and climate change mitigation and adaptation.

Our Goal

To facilitate improvement of the quality of life of Tanzanians by contributing to the availability of sustainable energy services in order to:

- * Create employment and income-generating opportunities, which are essential for poverty reduction,
- * Reduce environmental degradation resulting from increased use of wood and fossil fuels,
- * Support the country to reduce dependence on imported energy.

Our Objective

The overall objective of TaTEDO-SESO is to facilitate improvement of people's livelihoods through increased access to sustainable energy services.



TaTEDO-SESO/SESCOM Mini-grid Developed in Off-Grid Areas

Key Activities

TaTEDO-SESO has been collaborating with different stakeholders to facilitate increased access to sustainable energy services in Tanzania by developing expertise based on the four pillars of sustainable energy: enhancing energy access, energy efficiency, renewable energy, and clean cooking while focusing on the following activities:-

- * Undertaking participatory integrated sustainable energy assessment, planning, and implementation in urban and rural areas to assess and understand the socio-economic and cultural context of targeted end-users; (demand side).
- * Developing and supporting sustainable low-carbon energy technologies and services market chains (strengthening supply, developing distribution networks, and enhancing demand) by assessing and understanding actors and barriers, thereafter, designing and undertaking interventions towards delivering energy services at different levels for different target groups.
- * Developing and implementing support services (awareness raising, training for both technical and business skills, linking micro-enterprises and end users with finance for accessing affordable financing).
- * Fostering enabling environment (engage national, international, and local levels of stakeholders and decision-makers; for supportive policies, strategies, regulations, and tax incentives).



The Speaker of the Parliament of the United Republic of Tanzania receiving SESCO Electric Pressure Cooker from TaTEDO-SESO Chief Executive Officer, Dodoma, Tanzania

Selected Achievements

TaTEDO-SESO is, among others is aiming at enhancing access to sustainable energy services. The organization has made efforts to scale up access to sustainable energy services by supporting social enterprises through awareness creation, demonstrations, and promotion of sustainable energy technologies and services in several regions, and districts of Tanzania. The support services are provided to stove artisans, baking entrepreneurs, sales agents, after-sales technicians, mini-grid technicians, and e-mobility technicians. The support services include capacity development, provision of after sales services and research/studies. The enabling environment is fostered through lobbying, advocacy, and networking with other stakeholders to influence policies and decision-making process through reforms, resource allocation, and planning priorities at national and local levels. The enabling environment is also fostered through dialogue meetings with MPs, decision-makers, and policy makers in relevant sectoral ministries and development partners.

TaTEDO-SESO has been a motivator and played key role in the establishment of a number of organizations in the sustainable energy sector. This include the establishment of the Tanzania Gender and Sustainable Energy Network (TANGSEN), Tanzania Solar Energy Association (now called TAREA), the Tanzanian Chapter of the INFORSE network, Clean Cooking Alliance of Tanzania (CCAT), SEF, etc.



Demonstration of Efficient Institutional Woodfuel Stove at Masasi Folk development College, Masasi District, Mtwara Region



Charcoal Producers' Capacity Building for Sustainable Charcoal Production

Impacts

As a result of providing support services and fostering enabling environment efforts, the organization has enhanced the supply and demand for sustainable energy services in both rural and urban areas of Tanzania. More than 12, 000 households are using highly efficient electric clean cooking appliances, 21 villages have been connected with mini grids, more than 1,400 women groups have been empowered for productive use of energy, over a million households are using improved woodfuels cookstoves, etc.

These outcomes have contributed to the conservation of forests through reduced deforestation as a result of increased adoption of clean cooking solutions, reduced indoor air pollution for households currently using clean cooking appliances, and generating income for women groups and individuals producing and using sustainable energy technologies i.e. solar drying, food vending, baking, shops, kiosks, restaurants, hotels, schools, and colleges.



Solar drying at TaTEDO-SESO Centre

Community Intervention Approaches

TaTEDO-SESO uses participatory approaches to undertake its interventions for promoting and increasing access to sustainable energy services.

Sustainable Energy Value Chain	Support Services	Enabling Environment
Study and identify actors along the sustainable energy value chain.	Identify and ensure provision of supporting services to increase and scale up access to energy services i.e. Startup grants, and microfinance.	Advocate for sustainable energy supportive and favorable policies on investment, financing, licensing, registrations, regulations, and availability of credits.
Identify barriers facing each actor.	Capacity development through demonstration and training.	
Assess and understand priority needs, and wants, for determining link with intended energy services.	Manage and disseminate awareness information.	Lobby and advocate for incentives in support of end-users of sustainable energy services such as supportive policies, affordable tariffs, subsidies, tax waivers, etc.
Undertake social, economic, and cultural assessments of end-users i.e., level of awareness, skills, willingness, and ability to pay.	Link end-users and energy entrepreneurs with financial opportunities for investment and working capitals.	
Develop interventions i.e., innovations, channels, and networking with stakeholders.		



Village Demonstration of Electric Cooking Appliances

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Support Centres: Dodoma (+255-736-700771) and Moshi (+255-738-395165)

TaTEDO-SESO is sincerely grateful to the Government , Development Partners, and many other stakeholders for their continued collaboration and support to its efforts.



TaTEDO-SESO IN A NUTSHELL



Promoting Efficient Electric Cooking Appliances

**Committed to Facilitating Access
to Sustainable Energy Services
for all in Tanzania**