

TANZANIA SUSTAINABILITY REPORT 2023



GLOBELEQ
POWERING AFRICA'S GROWTH

7

years without a lost-time accident at Ubungu power plant, and four years at Songo Songo Island

8.0/10

employee engagement score (an increase from 7.9/10 in 2022)

856m

TZS invested in community projects, including 11 new and renovated classrooms serving 1,100 students

14

local young people interned with us in 2023, including six women

We have been powering Tanzania's growth for two decades.

Songas is a pioneering gas-to-power project in Tanzania, providing around 21% of national power capacity using the country's own gas, which is processed and transported via our pipeline to our 190 MW Ubungu power plant.

As we come to the end of our initial 20-year power purchasing agreement (PPA) on 31 July 2024, we are optimistic about ongoing negotiations with the Government to extend our partnership to support a sustainable energy mix in Tanzania. In this milestone year for Songas, our dedicated employees have helped us maintain our stellar record for safety and reliability, and we are keeping them fully informed about the future.

I am extremely proud of our contributions to developing Tanzanian talent and supporting socio-economic development for communities along our pipeline.

With Globeleq's expertise in renewables, we are also well positioned to support the government's energy transition ambitions by exploring opportunities to harness the country's abundant solar, wind and geothermal resources.

Anael Samuel

Managing Director,
Songas Ltd

May 2024



Our highly-engaged employees helped us maintain strong plant performance and an exemplary safety record.



Empowering entrepreneurs

Our two-year programme to support 50 small-scale entrepreneurs in Kilwa District through training and mentoring resulted in 20 young men and women registering new businesses – from yoghurt-making to seaweed processing. They received training in business, finance and product development, and we provided grants totalling 10 million TZS to help grow 17 of the businesses.



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Performance overview 2023

Safety performance remained excellent at both our Ubungo power plant and our gas processing operations at Songo Songo island, which celebrated seven years and four years respectively without any lost-time accidents.

Our employees remained highly engaged and received monthly updates on the ongoing negotiations to extend our PPA. We also provided counselling and financial training to help them plan for the future.

We continued to offer opportunities for women, providing internships for six young women (as well as eight men) and enabling female university students to conduct field studies with us. To date, 11 female employees have joined the Female Future Programme led by the Association of Tanzanian Employers, including one this year.

Our support for communities along the wayleave of our gas pipeline focused on health and education this year. We built and renovated 11 classrooms in four schools, supporting more than 1,100 students, and donated 500 desks. We also completed a new maternity ward and supplied medical equipment for a dispensary. On Songo Songo island, we continued to provide local people with access to water and electricity.

We have improved the water treatment facilities that recycle water into the sprint system at the Ubungo power plant to help us harness its potential to enhance power output while optimising gas consumption. On World Environment Day, we partnered with municipal authorities where our Ubungo power plant is located to organise a clean-up at a community marketplace.

Working in partnership

Songas is owned by Globeleq (54.1%), TPDC (28.69%), TANESCO (9.56%) and TDFL (7.65%). Natural gas from the Songo Songo gas field is processed by our contractor, Pan African Energy Tanzania, on Songo Songo island and transported along our pipeline, which is monitored by local communities, to our Ubungo power plant in Dar es Salaam. Electricity is distributed by TANESCO.

	2020	2021	2022	2023
POWERING DEVELOPMENT				
Operational power capacity (MW)	190	190	190	190
Average availability (%) ¹	95.7	96.0	89.3	93.5
Electricity generated (GWh)	1,224	1,386	1,463	1,460
Consumers reached by the electricity we produce ²	4,371,900	4,950,500	5,224,100	4,441,000
Jobs indirectly supported through electricity generated ³	104,440	113,809	120,105	91,900
HEALTH AND SAFETY				
Reportable incident rate ⁴	0.49	0.00	0.00	0.00
Lost-time accidents	0	0	0	0
EMPLOYEES				
Number of employees	75	74	74	71
– Tanzanian nationals (%)	97	100	100	100
– Women (%)	19	19	19	20
Women in senior management (%)	29	40	33	40
Women in management (excluding senior management) (%)	10	10	11	11
Employee engagement (score out of 10)	7.2	7.5	7.9	8.0
COMMUNITIES				
Total spend on socio-economic development (SED) projects (m TZS)	924	852	1,018	856
Number of people reached by SED projects (estimated)	65,000	65,000	66,500	62,100
ENVIRONMENT				
Greenhouse gas emissions generated (tonnes CO ₂ e)	738,337	834,601	883,525	906,555
Greenhouse gas intensity (tonnes CO ₂ e/GWh)	603	602	604	621
Water use (m ³)	147,776	153,807	135,480	145,105 ⁵
Total waste generated (tonnes)	29	53	102	117
– Hazardous waste generated (tonnes)	9	8	17	58

¹ Equivalent availability factor for gas, as defined by the Institute of Electrical and Electronics Engineers 762.

² Estimated based on actual project level production and national per capita consumption.

³ Estimated indirect employment enabled by businesses using electricity generated, based on Joint Impact Model (used by BII).

⁴ Includes incidents resulting in lost time, medical treatment or work restriction. Rate based on OSHA definition (200,000 x reportable incidents/working hours).

⁵ 81% (118,114 m³) of water used is abstracted from seawater to process gas on Songo Songo island before being treated and safely discharged back into the sea.