

ENERGY SECTOR PROJECTS

TANZANIA PETROLEUM DEVELOPMENT CORPORATION (TPDC)

	SECTOR	ENERGY
	THEMATIC AREA	OIL AND GAS
S/N	ITEM	REMARKS
	UPSTREAM PROJECTS	
1	PROJECT NAME	Mnazi Bay North Block
	Implementing Authority:	TPDC
	Location:	Mnazi Bay North Block has an area covering 504.56 sq.km offshore Tanzania (< 1000m water depth) and lies in a strategic location in the offshore Ruvuma Basin between the two gas discoveries of Mnazi Bay Gas Field and Block-1's Chaza Gas discoveries. The Block is close to the existing National Natural Gas processing and transportation infrastructure in Mnazi Bay gas field.
	Background	The Petroleum Act, 2015 recognizes Tanzania Petroleum Development Corporation (TPDC) as a National Oil Company (NOC). TPDC's roles include undertaking Tanzania's commercial aspects of petroleum business in the Upstream, Midstream and Downstream operations in Tanzania Mainland. Therefore, the Corporation is responsible for exploration, development, production and supply of petroleum products and other related services, ensuring the availability and reliability of petroleum supply for power generation, industrial use as well as household consumption. TPDC is currently implementing Mnazi Bay North oil and gas

		exploration project as the strategic project for the energy in order to meet prevailing gas demand which is foreseeable to rise rapidly.
	Project Description	The project area is considered potential for Hydrocarbon exploration due to its location, where it is situated adjacent to the existing Mnazi Bay gas production field to its southern end, Block 1 & 2 gas discoveries to the eastern and northern ends respectively. Presence of onshore operational TPDC Madimba gas processing facility with processing capacity of 210 mmscfd and the 36-inch natural gas transportation pipeline from Mtwara to Dar es salaam near the block supports the viability of the project. Further, reviewed geophysical evaluation of existing 3D seismic data suggest presence of potential prospects estimated to contain 0.968TCF base case Gas Initial in Place (GIIP) as prospective volumes. The project is divided into three Phases whereby, Phase I is for Initial Exploration, Phase II for conducting exploration drilling on the identified prospects and Phase III for conducting detailed Engineering studies and construction of the infrastructure for developing the discovered resources. The project is expected to benefit the country by increasing Government revenue, driving gas production for producing industrial goods at low cost hence facilitating growth of investment in industries, use of gas as raw material and energy. Further, capacity building to the locals in the energy sector by providing employment opportunities, boost market of the products of the other sector that are manufactured in the Country and boost individual income and the Government at large.
	Land Size	The Block has 504.56 sq.km area
	Project Component	• Processing and interpretation of the existing 131 sq.km of the 3D Seismic data as well as preparation of the drilling program of the first well that will test the identified drillable prospect whereby this activity is completed. • Drilling one well before going forward for another appraisal well in case of success. The first well aims to confirm the presence of resources before

		appraising the gas field. We planned to appraise the same reservoir by drilling an appraisal well which will confirm the extent of available resources. • Preparation and development of the discovered resources
	Project Status	• The Block is covered by 121-line km of 2D Seismic processed to Pre Stack Time Migration (PSTM) level. • The Block is covered by 131sqkm of 3D Seismic processed to Pre Stack Time Migration (PSTM) and Pre- Stack Depth Migration (PSDM) level. • The project has a detailed report for Interpretation of the available 3D seismic data with potential drillable prospects. • The project has preliminary financial & economic assessment which indicates the project is viable. • Available proposed work program and budget for the entire project. • Currently TPDC is looking searching for a partner to jointly undertake drilling of an exploration well.
	Project Cost estimates:	US\$ 787.03 Million
	Financing Modality	Partnership
	Financing Status	The activities which have been performed were financed by TPDC through its own sources of revenues. The planned activities will be financed by TPDC sources of revenues together with funds from the partner once it is secured.
	Infrastructure Status	The Block is located in Mtwara region where means of transportation are well developed. The region has all transportation infrastructure including tarmac roads, ports and airport.
	Government Responsibility	The Government through the Ministry of Energy is responsible for issuing all required license including, Exploration license and development license.
	Contact Person	Managing Director

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2	PROJECT NAME	LINDI-MTWARA
	Implementing Authority	TPDC
	Location:	The Block is located in South Eastern Tanzania within the Ruvuma Basin
	Project description	The Block is situated within the highly prospective area, the Ruvuma Basin where commercial gas discoveries (Ntorya and Mnazi Bay Gas Fields) and operational Gas infrastructures exist. The reported themogenic Gas Seepage from water wells in Mnyundo and Mpapura Villages together with the 2D-Seismic interpretation that identified seven leads suggest the potential presence of hydrocarbon-rich intervals that extend beyond the Ntorya Field.
	Land size	The Block has 2,899.27 sq.km area.
	Project components	The project will involve seismic data acquisition, drilling of exploration wells and construction and development of the production platform in case of commercial

		petroleum discovery. Implementation of these activities will be in accordance with the license conditions.
	Project Status	Preliminary technical evaluation of the Block has been conducted using the existing 2D seismic data (598.1 Line km) which highlighted areas for further exploration. Two exploration wells Lukuledi-1 were drilled Likonde-1 but were dry. Currently, TPDC is acquiring approx. 736.3 sq.km of 3D seismic data to identify the drillable locations for exploration wells. Environmental and Social Impact Assessment for seismic data acquisition is ongoing.
	Project Estimated cost	USD 24,924,000 for the current phase
	Financing Modality	Own Sources and Strategic Partnership engagement
	Financing Status	The current activities are financed by TPDC through its own sources of revenues. The planned activities will be financed by TPDC sources of revenues together with funds from the partner once it is secured.
	Infrastructure Status	The Block is located strategically adjacent to the Ntorya and Mnazibay gas fields and approximately 35km from the Madimba gas processing facility.
	Government Responsibility	Issuance of Exploration and development licenses
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3	PROJECT NAME	West Songo Songo Block
	Implementing Authority:	TPDC
	Location:	The West Songo Songo Block is located onshore/ NearShore Southern Tanzania (< 100m water depth) and lies about 10km west of the Songo Songo main gas producing field covering an area of [505.63] sq.km.
	Background	West Songo Songo was initially part of the Songo Songo gas field whereby several G&G works have been done including seismic data acquisition, processing and interpretation. TPDC has also carried out seismic data interpretation and mapped some prospects which warrant drilling of exploration wells. 2D seismic data interpretation shows that the Block has similar geology with Songo Songo Gas field and is located near the infrastructure. TPDC has applied for exploration license and later may engage strategic partners to share both Geological and financial risks.
	Project description	• The project aims at conducting exploration activities in the Block and developing it via Songo Songo Gas field processing plant. The Project will involve exploration, development and production. • TPDC has applied for an exploration license and will later look for a partner so as to share geological and financial risks.
	Land size	The Block has 505sq.km area size
	Project Components	The project will be executed in three phases which are exploration, appraisal and development phases. • The exploration phase will involve geological and geophysical studies and drilling of exploration wells.

		• The appraisal phase will include drilling of appraisal wells and preparation of a development program. • The development phase will involve drilling of development wells and building subsurface and surface facilities to transport gas from the Block to the Songo Songo Gas processing plant
	Project status	The following activities/work have been done in the Block • 2D seismic data interpretation has been re-conducted to map the drillable prospects • Financial & economic assessment • Environment assessment for seismic data and well drilling has been conducted. • Currently TPDC is undertaking a design of 3D seismic acquisition Plan to and further invite a geophysical company for 3D data acquisition.
	Project estimated cost	US\$ 320 Million
	Financing Modality	Partnership
	Financing status	The activities, which have been performed, and currently under execution are by TPDC. The planned activities will be financed by TPDC sources of revenues together with funds from the partner once it is secured.
	Infrastructure Status	The block is located in Songo Songo island near the current producing blocks and natural gas processing plants with a capacity of 140 mmscfd. Therefore, the block is reachable through airways and sea.
	Government Responsibility	Issuing of exploration license and development license.

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4	PROJECT NAME	Eyasi–Wembere Block
	Implementing Authority:	TPDC
	Location:	The Block is located in the Northern part of Tanzania along the eastern branch of the great East African Rift Valley System. The Block covers five administration regions; Tabora (Igunga), Shinyanga (Kishapu), Arusha (Karatu), Singida (Shelui, Kiomboi and Mkalama), and Simiyu (Meatu).
	Background	The evolution history of the basin is similar to that of Albertine Graben in Uganda and Lokichar Basin in Kenya as they are all within the East Africa rift system. The basin's economic risk has been reduced by the presence of Hoima (Albertine Graben)-Tanga crude oil pipeline which crosses nearby the basin with effect on reducing the cost of crude oil monetization in case of Eyasi-Wembere petroleum discovery.
	Project description	The project involves all upstream stages, including exploration, development and production.
	Land size	The Block has been reduced to an approximate area of 5,798 sq.km

	Project component	Exploration, Development and Production
	Project status	TPDC has completed acquisition, processing and interpretation of AGG data, drilling of stratigraphic boreholes, seep hunting using Satellite Imagery and Amplified Geochemical Imaging, and acquisition, processing and interpretation of 260 lkm of 2D Seismic data. The results helped to further design and start acquisition of 914.7 lkm of 2D seismic data in areas with thick sediment and potential structures to identify drillable Prospect, out of which 430lkm have been acquired and the acquisition of the remaining data is currently in progress.
	Project Cost estimates	US\$ 231Million.
	Financing modality	Partnership
	Financing Status	Currently, all conducted and ongoing activities financed by TPDC.
	Infrastructure status	The Block is located near East Africa Crude Oil Pipeline (EACOP) on the South West. Further, the block is located in the Northern Tanzania's region of Singida and Tabora, which are all accessible of transportation including road, railways and airport.
	Government Responsibilities	issuing of exploration and development license
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	DOWNSTREAM PROJECTS	
6	PROJECT NAME	CNG PROJECT
	Implementing Authority	
	Location	
	Background	The government of Tanzania through the Ministry of Energy has prepared the Gas Utilization Master Plan (NGUMP). TPDC's role is to grant no objection to the investor and EWURA's role is to issue permit and license to the investor to construct the infrastructure and operate.
	Project description	The project involves construction of natural gas distribution infrastructure and selling gas to end users in Tanzania. The infrastructure comprises both the CNG infrastructure, CNG conversion workshops, Mini-LNG, and distribution pipelines.
	Land size	
	Project component	• Construction of natural gas distribution infrastructure and selling gas to end users. • Construction, operation and own CNG infrastructure. • Construction of CNG conversion workshop.
	Project estimated Cost	To be determined by the investor
	Financing Modality	Private finance
	Financing status	Private finance
	Infrastructure status	Natural gas transmission infrastructure is currently available in Mtwara, Lindi, Coast Region and Dar es Salaam.
	Government Responsibility	Issuing of construction permit and business license.
	Contact	Managing Director

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7	PROJECT NAME	Manufacturing Plants for Gas Distribution Equipment
	Implementing Authority	Private Investors
	Location	Investor may decide to invest in any region within Tanzania
	Background	Currently, most of the natural gas equipment's being used in Tanzania are imported. The equipment includes pipelines, meters, spare parts for processing plants and CNG Cylinder and CNG Kit. Alternatively, this equipment may be manufactured in Tanzania. The fact that the natural gas market in Tanzania is at an infant level and there is a plan to deliver gas in neighboring countries where they have not even started using natural gas, the market potential for the equipment is considered to be high.
	Project description	The investors will be required to set up a manufacturing plant for production of natural gas equipment after conducting the required technical and market analysis.
	Land size	Depending on the size of the manufacturing plant.
	Project component	Construction of industries for manufacturing gas distribution equipment including gas meters, distribution pipes, (HDPE pipelines), pressure reduction stations.

	Project estimated Cost	Determined by investor
	Financing Modality	Private finance
	Financing status	Private finance
	Infrastructure status	Physical and legal infrastructures necessary for establishment of the manufacturing plant in Tanzania are available. Tanzania is accessible by all means of transportation including sea, airports and roads. The is also maturing the labor market both skilled and unskilled with provision of using the foreign experts on areas considered critical.
	Government Responsibility	Providing Investment land and issuing the permit and business licenses. All these will be accessible through the Tanzania Investment Centre (TIC).
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PUBLIC PRIVATE PARTNERSHIP CENTRE

PPP PROJECTS

/N	Name of Projects	Contracting Authority	Location	E. CAPE X- \$ in Mil	Project Status	Description	Proposed Structure	Procurement Mode	Year	Solicited /Unsolicited
ENERGY SECTOR										
1.	60MW Kiejo - Mbaka Geothermal Project (Phase I)	Tanzania Electric Supply Company Limited (TANESCO)	Kiejo Mbaka in Rungwe District, Mbeya Region	288	Feasibility Stage	Tanzania Geothermal Development Company Limited (TGDC) is a subsidiary company of Tanzania Electric Supply Company Limited (TANESCO) under the Ministry of Energy (MoE). The Company is planning to develop a. 60MW Geothermal Power Plant for power generation, and the same will be interconnected to the National grid.	DBFOMT	Direct Negotiation	20	Solicited
2.	50 MW Mafia Hybridization Project	Tanzania Electric Supply Company Limited (TANESCO)	Mafia – Coast Region	64	Feasibility Stage	The project involves construction of the Full Renewable (FR) system which includes a 4000kWp	DBFOMT	Competitive bidding	TBD	Unsolicited

/N	Name of Projects	Contracting Authority	Location	E. CAPE X- \$ in Mil	Project Status	Description	Proposed Structure	Procurement Mode	Year	Solicited /Unsolicited
						PV plant coupled with a 2.5MW/12MWh Battery Energy Storage System (BESS) and the related equipment for the interconnection to the existing 33kV distribution line. The project will also include replacement of two existing generators with 2x730kW new automatized machines in the existing TANESCO Mafia Power Station. The project involves the construction of 222.3km of 400kV transmission line from Mtwara to Songea via Masasi and Tunduru and its associated substations				
3.	100MW Manyoni Solar	Tanzania Electric Supply Company Limited (TANESCO)	Manyoni - Singida	64	Pre-Feasibility stage	The project involve construction of 100MW Solar PV in Manyoni District – Singida Region	DBFOMT	Competitive bidding	TBD	Unsolicited

/N	Name of Projects	Contracting Authority	Location	E. CAPE X- \$ in Mil	Project Status	Description	Proposed Structure	Procurement Mode	Year	Solicited /Unsolicited
4.	60MW Zuzu Solar PV	Tanzania Electric Supply Company Limited (TANESCO)	Zuzu - Dodoma	57.8	Concept Note	The project involve construction of 60MW Solar PV at Zuzu compound in Dodoma Region.	DBFOMT	Competitive bidding	TBD	Unsolicited
5.	50MW Same Solar PV Power	Tanzania Electric Supply Company Limited (TANESCO)	Same – Kilimanjaro Region	66	Feasibility Stage	The 50MW Same Solar PV Project is located in Same District – Kilimanjaro Region. The proposed project is currently at the preliminary stage. The project involves undertaking of the project feasibility studies, finance, design, procure, construct, commission, own, operate & maintain and decommissioning of the 50MWp Solar PV Power Project in Same District				
6.	100MW Ikungi Wind Power Project	TANESCO	Ikungi District - Singida Region	TBD	Concept Note	The 100MW Ikungi Wind Power Project is a renewable energy project located in Ikungi District, Singida Region. The proposed Wind Power Project is currently at the preliminary stage. Feasibility and	TBD	TBD	Approximately 18-24 months	TBD

/N	Name of Projects	Contracting Authority	Location	E. CAPE X- \$ in Mil	Project Status	Description	Proposed Structure	Procurement Mode	Year	Solicited /Unsolicited
						Environmental Social Impact Assessment (ESIA) studies have not yet been conducted. The project involves undertaking of the project feasibility studies, finance, design, procure, construct, commission, own, operate & maintain and decommissioning of the 100MW Wind Power Project in Ikungi District. These critical studies are expected to be undertaken by the investor upon successful solicitation and confirmation of their commitment to develop the project				
7.	300MW Combined Cycle Power Plant Fired Power Plant	Tanesco	Mtwara to Lindi	TBD	Feasibility	The 300MW Combined Cycle Power Plant (CPP is located in Mtwara Region. The project involves the construction of 300MW Gas Plant together with associated substation. The project will also involve the construction of 400kV double circuit power	TBD	TBD	24-36 months	TBD

/N	Name of Projects	Contracting Authority	Location	E. CAPE X- \$ in Mil	Project Status	Description	Proposed Structure	Procurement Mode	Year	Solicited /Unsolicited
						transmission line of about 59km from Mtwara to Lindi to interconnect with the national grid.				
INFRASTRUCTURE/CONSTRUCTION										
1.	Mtwara – Mbambabay – Mchuchuma/Liganga Sgr Railway Line (1,000 Km)	Tanzania Railway Cooperation(TRC)	Mtwara	5.6 Billion	Concept Note	The proposed railway project is about 1,000 km running from Mtwara Port at the Indian Ocean to Mbamba bay (Ameliabay) in Lake Nyasa with Spurs connecting to Mineral fields of Mchuchuma coal and Liganga iron ore mines in the southwest of Tanzania.The project is expected to promote sustainable mobility along the Mtwara corridor, through the construction of a new railway line from Mtwara to Songea with spurs to Mchuchuma and Mbamba Bay, and ultimately unlock the Southern of Tanzania's	DBFOMT	Competitive bidding	TBD	unsolicited

/N	Name of Projects	Contracting Authority	Location	E. CAPE X- \$ in Mil	Project Status	Description	Proposed Structure	Procurement Mode	Year	Solicited /Unsolicited
						Agricultural and mineral rich areas.				
2.	Tanga – Arusha – Musoma Sgr Railway Line (1,028 Km)	Tanzania Railway Cooperation(TRC)	Tanga - Arusha - Musoma	5.6 Billion	Concept Note		DBFOMT	Competitive bidding	TBD	unsolicited
3.	Development of Railway Network for Dar Es Salaam Commuter Train Services (160 Km)	Tanzania Railway Cooperation(TRC)	Dar es Salaam	USD 8 Billion	Concept Note	The project is located at Dar es Salaam city, with a total of 1,393 square-kilometers lies on the eastern shore of Indian Ocean and is a major regional hub and gateway accommodating a port and a trading center. Construction of the commuter railway network will have the routes options, covering Dar City and its adjoining Municipalities or towns.	DBFOMT	Competitive bidding	TBD	unsolicited
4.	Development of Railway Network for Dodoma Commuter Train Services	Tanzania Railway Cooperation(TRC)	Dodoma	TBD	Concept Note		DBFOMT	Competitive bidding	TBD	unsolicited

/N	Name of Projects	Contracting Authority	Location	E. CAPE X- \$ in Mil	Project Status	Description	Proposed Structure	Procurement Mode	Year	Solicited /Unsolicited
5.	Construction of Lot 1 (Kibaha – Mlandizi - Chalinze 78.9km)	TANROAD	Kibaha and Chalinze districts in Coast Region	USD 326 Million	Procurement Stage	The proposed toll expressway will be constructed on new alignment parallel to the existing Morogoro road. The existing Morogoro road will continue to be in optimal use to allow traffic and other road users who may not be willing to pay toll. The project will be implemented under the PPP arrangement where road users will be charged for the use of the road.	DBFOMT	Competitive bidding	25	Solicited
6.	Construction of Lot 2 (Chalinze - Morogoro 126.1 Km)	TANROAD	Chalinze to Morogoro districts in Coast and Morogoro Region	USD 350 Million	Procurement Stage	The Chalinze-Morogoro road is congested and in poor condition, requiring urgent attention. The increased traffic volume is due to economic growth within the country and neighboring nations. Currently, the travel time from Chalinze to Morogoro is 2 hours, but with the proposed expressway, it will be reduced to 1 hour. The current road condition has raised travel time and vehicle operation costs. The project, to be implemented under a PPP	DBFOMT	Competitive bidding	25	Solicited

/N	Name of Projects	Contracting Authority	Location	E. CAPE X- \$ in Mil	Project Status	Description	Proposed Structure	Procurement Mode	Year	Solicited /Unsolicited
						arrangement, will involve constructing a 4-lane carriageway with a design speed of 120 km/h, modern rest areas, international standard service levels, free interchanges, and e-tolling at entry and exit points.				
7.	Construction of Students Hostel at CBE Dar es Salaam Campus	CBE	Dar es Salaam	5.4	Procurement Stage	The primary objective of the project is to construct four new hostel buildings at the CBE Dar es Salaam campus, featuring a G+4 structure. This development aims to address the accommodation gap, as the current two hostel buildings can only accommodate 1.8% of enrolled students. The project will help resolve issues related to affordability, safety, security, and provide a better learning environment for students.	DBFOMT	Competitive bidding	30	Solicited

TANZANIA GEOTHERMAL DEVELOPMENT COMPANY (TGDC)

SECTOR		ENERGY
THEMATIC AREA		RENEWABLE ENERGY
S/N	ITEM	REMARKS
1	PROJECT NAME	Ngozi Geothermal Project
	Implementing Authority:	TGDC
	Location:	The Ngozi geothermal project is located in the Rungwe Volcanic Province in Mbeya region and has been studied up to a detailed surface exploration under the technical collaboration from UNEP/ARGeo and ICEIODA/MFA-Iceland, which was completed in September 2016. The study confirmed the prospect as high-temperature volcanic system (232 ± 13 °C).
	Background	Development of the Ngozi geothermal project is part of the Government's efforts toward diversifying the power generation mix in the country. The total estimated geothermal potential for the site is more than 140 MW but, to mitigate the risks associated with geological uncertainties. As the National Energy Compact target is to generate 70MWe from Ngozi geothermal Project by 2030, where TGDC will carry out all project activities including detailed surface studies, infrastructure development, exploration and appraisal drilling, production drilling, plant design and construction, as well as operation and maintenance.
	Project Description	The study confirmed the prospect as high-temperature volcanic system (232 ± 13 °C). The prospect is potential for electric generation purposes as well as cascading direct heat use applications. The study also recommended actions for the next step, which, among others, is confirmation of the resource by undertaking a test-drilling programme of at least three (3) slim wells near Ngozi caldera to confirm the extent of the geothermal resources.
	Land Size to be used	Approximately 10000m ²
	Project Component	• Geothermal Exploration • Resource confirmation drilling, • Steam field development,

		• Power Plant construction, • Transmission line (220kV) and associated infrastructures.
	Project Status	-Detailed surface study completed -ESIA studies completed -Land acquisition completed Currently, resource confirmation through drilling of three slim well is ongoing
	Project Cost estimates:	USD 336 Million
	Financing Modality	Public and development partners such as Geothermal Risk Mitigation Facility (GRMF)
	Financing Status	TGDC has received an award letter from the Geothermal Risk Mitigation Facility (GRMF) and is expected to secure a disbursement grant of USD 2.7 million. TGDC received TZS 20 billion from the Government to support the procurement of its own drilling rig and to facilitate initial preparations for the drilling of exploration wells.
	Infrastructure Status	The project is strategically located in Mbeya Region, close to the main road, which ensures easy accessibility. But internal roads have been successfully constructed within the project area to enhance movement and facilitate smooth transportation of materials, equipment, and personnel to and from different sections of the site.
	Government Responsibility	The Government through the Ministry of Energy is responsible for provision of Financial support to implement this project but also on issuing all required license including, Exploration license and development license.
	Contact Person	General Manager Tanzania Geothermal Development Company

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2	PROJECT NAME	Kiejo-Mbaka Geothermal Development Project
	Implementing Authority	TGDC
	Location:	The Kiejo-Mbaka geothermal prospect is located in the Mbeya region at the trip junction of EARS, within Rungwe Volcanic Province (RVP).
	Project description	This project was technically get support from the MFA-Iceland, TGDC has concluded a detailed surface study of the prospect and the results are promising for both power generation and development of direct-use projects.
	Land size to be used	Approximately 10000m ²
	Project components	• Geothermal Exploration • Resource confirmation drilling, • Steam field development, • Power Plant construction, • Transmission line (220kV) and associated infrastructures. • Geothermal direct heat applications
	Project Status	-Detailed surface studies completed -ESIA studies Completed -Land acquisition for drilling activities completed -Currently, preparation for confirmation drilling is ongoing

	Project Estimated cost	USD 288 Millions
	Financing Modality	Current financing by Public and development partners such as Geothermal Risk Mitigation Facility (GRMF) Expected financing: Public/PPP/IPP
	Financing Status	TGDC has received an award letter from the Geothermal Risk Mitigation Facility (GRMF) and is expected to secure a disbursement grant of USD 4.7 million. Also, the government for FY 2025/26 has set aside some funds (TZS 21 billion) and demand TGDC to implement test drilling programme for Kiejo-Mbaka.
	Infrastructure Status	Internal roads will be constructed within the project area to enhance movement and facilitate smooth transportation of materials, equipment, and personnel to and from different sections of the site.
	Government Responsibility	The Government through the Ministry of Energy is responsible for provision of Financial support to implement this project but also on issuing all required license including, Exploration license and development license.
	Contact	General Manager Tanzania Geothermal Development Company House No.25 Ursino, P.O Box: 14801, Dar es Salaam-Tanzania Telephone: +255 736 014801, +255 (0) 764 014801 Email: gm.tgdc@tanesco.co.tz ; info.tgdc@tanesco.co.tz ; gm@tgdc.go.tz
3	PROJECT NAME	Songwe Geothermal Project
	Implementing Authority	TGDC
	Location:	Songwe prospect is located in Songwe Region

	Project description	Detailed surface study for this prospect was completed in 2016 by UNEP/ARgeo technical consultants and carried out with the Ngozi prospect. The study, among other things recommended undertaking gap-filling study for Songwe prospect prior to test drilling stage. Pre-feasibility study findings on direct use applications conducted in March 2018 by TGDC in collaboration EGER show that the prospect is potential for a significant number of multi direct utilization mini projects such as aquaculture, drying crops, and recreational (tourism).
	Land size to be used	6,362,200 Ha
	Project components	• Geothermal Exploration • Resource confirmation drilling, • Steam field development, • Power Plant construction, • Transmission line (220kV/33kV) and associated infrastructures. • Geothermal direct heat applications
	Project Status	-Detailed surface study completed -ESIA studies Completed -Land acquisition on progress -Currently, resource mobilization for confirmation drilling
	Project Estimated cost	USD 32 Million
	Financing Modality	Current financing by Public and development partners such as Geothermal Risk Mitigation Facility (GRMF). Expected financing: Public/PPP/IPP
	Financing Status	TGDC has received an award letter from the Geothermal Risk Mitigation Facility (GRMF) and is expected to secure a disbursement grant of USD 3.4 million.
	Infrastructure Status	Internal roads constructed within the project area to enhance movement and facilitate smooth transportation of materials, equipment, and personnel to and from different sections of the site.

	Government Responsibility	The Government through the Ministry of Energy is responsible for provision of Financial support to implement this project but also on issuing all required license including, Exploration license and development license.
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4	PROJECT NAME	Luhoi Geothermal Project
	Implementing Authority	TGDC
	Location:	Luhoi geothermal prospect is located in Coast Region, about 150 km from Dar es Salaam.
	Project description	The Project have a capacity of 5MWe, a detailed surface study was completed in 2018 in the joint project framework with Kiejo-Mbaka under technical support from the MFA Iceland/ ICEIDA. The results from the technical report show that Luhoi geothermal prospect hosts a low to medium temperature geothermal system (95-145°C) and is suitable for direct uses and power generation using binary technology.
	Land size to be used	Approximately 10000m ²
	Project components	• Geothermal Exploration • Resource confirmation drilling, • Steam field development, • Power Plant construction, • Transmission line (220kV/33kV) and associated infrastructures. • Geothermal direct heat applications.
	Project Status	-Detailed surface studies completed -ESIA studies

		Completed -Land acquisition on progress -Currently, resource mobilization for confirmation drilling
	Project Estimated cost	USD 32 Million
	Financing Modality	Current financing by Public and development partners such as Geothermal Risk Mitigation Facility (GRMF). Expected financing: Public/PPP/IPP
	Financing Status	TGDC has received an award letter from the Geothermal Risk Mitigation Facility (GRMF) and is expected to secure a disbursement grant of USD 4.1 million.
	Infrastructure Status	Internal roads will be constructed within the project area to enhance movement and facilitate smooth transportation of materials, equipment, and personnel to and from different sections of the site.
	Government Responsibility	The Government through the Ministry of Energy is responsible for provision of Financial support to implement this project but also on issuing all required license including, Exploration license and development license.
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5	PROJECT NAME	Natroni Geothermal Project
	Implementing Authority	TGDC
	Location:	Natron geothermal prospect is one of the priority prospects located in Arusha region,

	Project description	Natron Geothermal Project have the capacity of 60MWe, TGDC intends to develop for both power generation and direct use applications purposes. Currently, the prospect has been studied up to the level of reconnaissance.
	Land size to be used	Approximately 10000m ²
	Project components	• Geothermal Exploration • Resource confirmation drilling, • Steam field development, • Power Plant construction, • Transmission line (220kV) and associated infrastructures. • Geothermal direct heat applications.
	Project Status	- Preliminary surface studies completed - Currently, preparation for detail surface studies and ESIA ongoing
	Project Estimated cost	USD 288 Millions
	Financing Modality	Current financing Public and development partners such as Geothermal Risk Mitigation Facility (GRMF). Expected financing: Public/PPP/IPP
	Financing Status	TGDC has received an award letter from the Geothermal Risk Mitigation Facility (GRMF) and is expected to secure a disbursement grant of USD 0.4 million.
	Infrastructure Status	Internal roads will be constructed within the project area to enhance movement and facilitate smooth transportation of materials, equipment, and personnel to and from different sections of the site.
	Government Responsibility	The Government through the Ministry of Energy is responsible for provision of Financial support to implement this project but also on issuing all required license including, Exploration license and development license.

	Contact	General Manager Tanzania Geothermal Development Company House No.25 Ursino, P.O Box: 14801, Dar es Salaam-Tanzania Telephone: +255 736 014801, +255 (0) 764 014801 Email: gm.tgdc@tanesco.co.tz; info.tgdc@tanesco.co.tz; gm@tgdc.go.tz
6	PROJECT NAME	Meru Geothermal Project
	Implementing Authority	TGDC
	Location:	Meru geothermal project is located at Arusha region
	Project description	TGDC qualified for technical supports from Climate Action in Africa (CAA) to undertake detail surface studies for Mount Meru geothermal Project. The detail surface exploration is under implementation through deployed Technical Experts (Oxfam Consults).
	Land size to be used	Approximately 10000m ²
	Project components	• Geothermal Exploration • Resource confirmation drilling, • Steam field development, • Power Plant construction, • Transmission line (220kV) and associated infrastructures. • Geothermal direct heat applications
	Project Status	The Meru geothermal prospect is currently in the early stages of development, focused primarily on surface studies and exploration planning. TGDC, with support from Climate Action Africa (Canada), has initiated detailed surface exploration studies including geological, geochemical and geophysical surveys to better understand the site
	Project Estimated cost	To be determined after exploration

	Financing Modality	Current financing by Public and development partners such as Geothermal Risk Mitigation Facility (GRMF), Climate Action Africa (CAA). Expected financing: Public/PPP/IPP
	Financing Status	TGDC has received financial support from Climate Action Africa to facilitate the successful conduct of surface studies for geothermal resource development.
	Infrastructure Status	No exploratory or production wells have been reported yet, no infrastructure like steam gathering systems, power plant installations, or transmission lines been constructed
	Government Responsibility	The Government through the Ministry of Energy is responsible for provision of Financial support to implement this project but also on issuing all required license including, Exploration license and development license.
	Contact	General Manager Tanzania Geothermal Development Company House No.25 Ursino, P.O Box: 14801, Dar es Salaam-Tanzania Telephone: +255 736 014801, +255 (0) 764 014801 Email: gm.tgdc@tanesco.co.tz; info.tgdc@tanesco.co.tz; gm@tgdc.go.tz

PETROLEUM UPSTREAM REGULATORY AUTHORITY (PURA)

S/N	ITEM	REMARKS
1	PROJECT NAME	Promotion of Open Blocks for Oil and Natural Gas Exploration
	Implementing Authority	Investors
	Location	Offshore basins, Tanzania Mainland
	Background	Tanzania holds a unique position to attract investment from Canada through strategic projects aimed at the efficient utilization of natural gas resources and the promotion of a transition to clean energy. Through Promotion of Open Blocks Canadian investors can partner with Tanzania in implementing economically, technologically, and environmentally impactful projects. This collaboration will stimulate economic growth, promote the adoption of modern technologies, and contribute to global efforts to reduce the impacts of climate change. The petroleum exploration activities in Tanzania commenced in early 1950s where International Energy Companies in collaboration with the Tanzania Petroleum Development Corporation (TPDC) have discovered Gas Initially in Place (GIIP) of about 57.54 trillion cubic feet (TCF), out of which 47.13 TCF in offshore and 10.41 TCF in onshore. The discovery indicates that Tanzania is much more prospective for more petroleum exploration that could lead to more discoveries.
	Land size	Demarcated Blocks
	Project description	Tanzania is currently promoting about 23 open blocks available for oil and natural gas exploration, with about twenty (20) blocks located in deep offshore areas and 3 in Lake Tanganyika. These blocks offer significant investment opportunities for international companies interested in the energy sector. This investment conference provides a

		strategic platform to showcase these opportunities and attract potential investors to participate in the exploration and development of Tanzania's hydrocarbon resources.
	Project component	Undertaking oil and natural gas exploration, development and production operations
	Project estimated Cost	Determined by investor
	Financing Modality	Private finance
	Financing status	Private finance
	Infrastructure status	Tanzania is accessible by transportation through sea, air and roads
	Government Responsibility	Granting of Production Sharing Agreements (PSAs) to investors and associated Licenses and Permits
	Contact	Director General, Petroleum Upstream Regulatory Authority (PURA), PSSSF Building, Kambarage Tower, 1 Kambarage Street, 41104 Tambukareli, P. O. Box 1981, DODOMA, Tanzania, Tel: +255 26 2960092, Email: dq@pura.go.tz , Website: www.pura.go.tz .
2	PROJECT NAME	Opportunities for Blue Hydrogen Production and Carbon Capture and Storage (CCS)
	Implementing Authority	Investors
	Location	Mandawa basin, Tanzania
	Background	Tanzania holds a unique position to attract investment from Canada through strategic projects aimed at the efficient utilization of natural gas resources and the promotion of

		a transition to clean energy. Through opportunities in blue hydrogen production and the use of Carbon Capture and Storage (CCS), Canadian investors can partner with Tanzania in implementing economically, technologically, and environmentally impactful projects. This collaboration will stimulate economic growth, promote the adoption of modern technologies, and contribute to global efforts to reduce the impacts of climate change.
	Land size	Demarcated Blocks and depleted fields onshore
	Project description	In Tanzania, Blue Hydrogen Production and Carbon Capture and Storage (CCS) projects can be implemented in areas such as Mandawa basin, where the geological formation has been identified as suitable for CO ₂ storage. Additionally, in depleted wells from Songo Songo and Mnazi Bay fields after gas production ceases, the existing wells can be repurposed as CO ₂ storage sites
	Project component	Searching for underground geological formations for CCS, capturing CO ₂ and transporting to storage site.
	Project estimated Cost	Determined by investor
	Financing Modality	Private finance
	Financing status	Private finance
	Infrastructure status	Existence of producing wells after gas production ceases and presence of potential basins for CCS.
	Government Responsibility	Granting of Production Sharing Agreements (PSAs) to investors and associated Licenses and or Permits
	Contact	Director General, Petroleum Upstream Regulatory Authority (PURA), PSSSF Building, Kambarage Tower, 1 Kambarage Street, 41104 Tambukareli, P. O. Box 1981, DODOMA, Tanzania,

		Tel: +255 26 2960092, Email: dq@pura.go.tz , Website: www.pura.go.tz .
3	PROJECT NAME	Gas to Liquid (GTL) Projects
	Implementing Authority	Investors
	Location	Tanzania Mainland
	Background	Tanzania holds a unique position to attract investment from Canada through strategic projects aimed at the efficient utilization of natural gas resources and the promotion of a transition to clean energy. Through Gas to Liquid (GTL) projects, Canadian investors can partner with Tanzania in implementing economically, technologically, and environmentally impactful projects. This collaboration will stimulate economic growth, promote the adoption of modern technologies, and contribute to global efforts to reduce the impacts of climate change. Tanzania currently spends a large sum importing “white petroleum products” (diesel, jet fuel, etc.). The GTL plant projects aim to reduce import dependence, save foreign exchange, and stabilize fuel prices. The country has substantial natural gas reserves (onshore and offshore), which could feed such a plant. The project is seen as part of Tanzania’s broader strategy to add value domestically, to use natural resources more efficiently, enhance energy security, and possibly export fuel products regionally.
	Project description	Gas to Liquid project is intended to convert natural gas into petroleum products such as diesel, gasoline, jet fuel, and other petrochemical products. Therefore, it is a good investment opportunity to Canadian Companies that possess both the technology and

		experience in GTL projects through companies such as Rocky Mountain Clean Fuels Inc. (Rocky Inc), Suncor, and others to invest in Tanzania.
	Project component	Converting natural gas into products for domestic and export markets.
	Project estimated Cost	Determined by investor
	Financing Modality	Private finance
	Financing status	Private finance
	Infrastructure status	Transportation including sea, air and roads
	Government Responsibility	Granting contracts and permits
	Contacts	Director General, Petroleum Upstream Regulatory Authority (PURA), PSSSF Building, Kambarage Tower, 1 Kambarage Street, 41104 Tambukareli, P. O. Box 1981, DODOMA, Tanzania, Tel: +255 26 2960092, Email: dg@pura.go.tz , Website: www.pura.go.tz .