



**THE UNITED REPUBLIC OF TANZANIA
MINISTRY OF TRANSPORT
TANZANIA RAILWAYS CORPORATION**



THE STANDARD GAUGE RAILWAY DEVELOPMENT, FUTURE PLANS, AND INTEGRATION WITH AFRICAN RAILWAY NETWORK

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DIRECTOR GENERAL
September, 2024

Tanzania Railways Corporation (TRC) is a state corporation established under The Railway Act No. 10 of 2017

VISION

To be an efficient and reliable
Rail Transport service
provider in Africa



CORE MANDATE

Development of rail
infrastructure and provision
of rail transport services



MISSION

To manage rail transport in
cost effective manner through
development of infrastructure
and provision of safe reliable
services

FUNCTIONS OF THE CORPORATION

The functions of TRC described under Section 6(1)(a)-(q) of Railway Act No. 10 of 2017 includes;



To develop, manage and operation of Railway Infrastructure



To provide rail transport services for passengers and freight within Tanzania and to the neighboring countries



To improve and maintain the rolling stocks (locomotives, wagons and coaches) and communication systems;



To enter and administer contracts with other companies through concessions, joint ventures, private sector involvement, etc. in providing rail transport service and;

RAILWAY NETWORK

Corridors

Gauges



Central Corridor, Northern Corridor
Southern Corridor

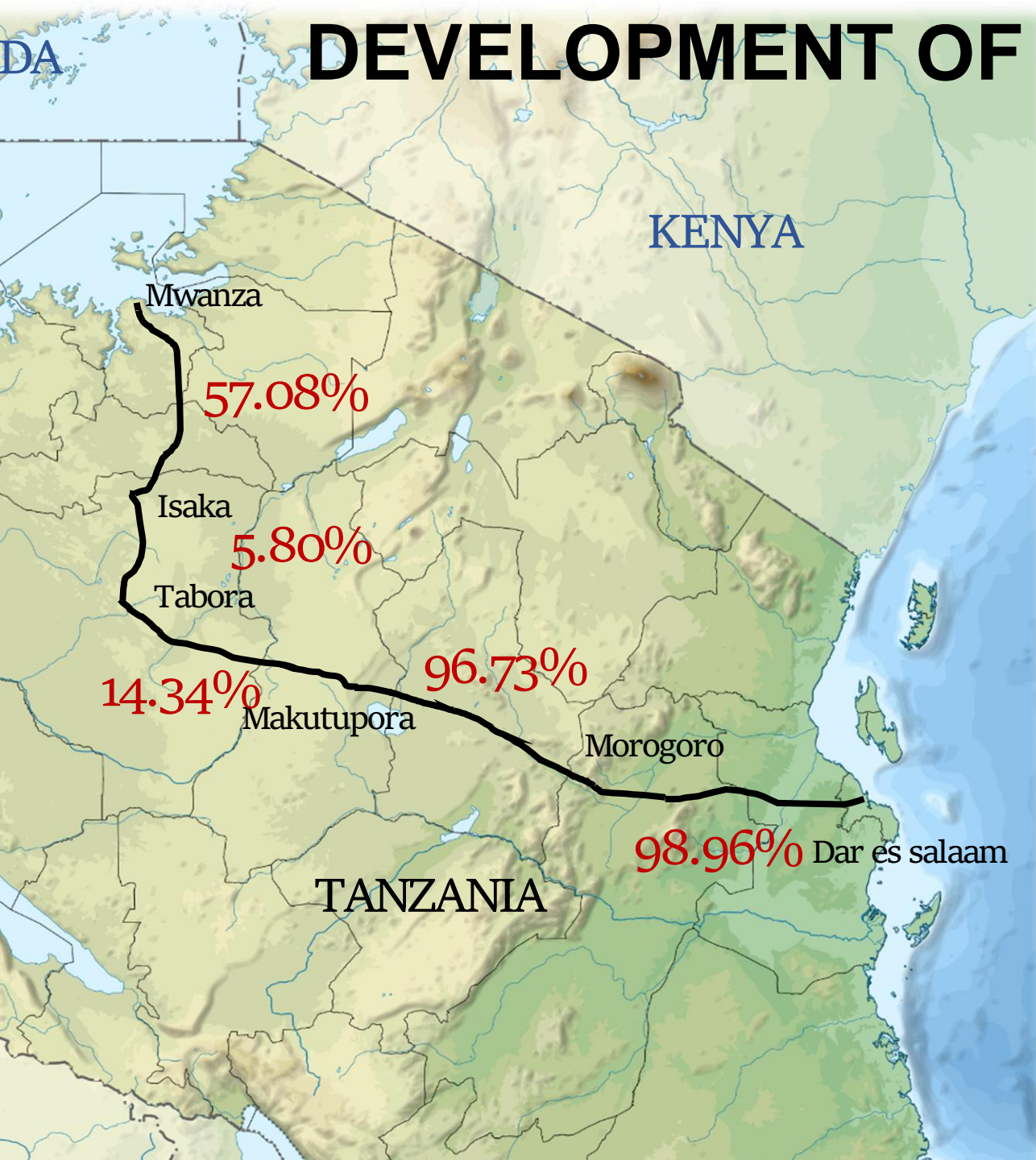


Meter Gauge Railway (MGR) - 2,707 km
Standard Gauge Railway (SGR) - 4,752 km

DEVELOPMENT OF SGR & PROGRESS

Tanzania has commenced construction of SGR;

Phase I: Dar es salaam – Mwanza (Central Corridor) with total of 1,596 km (1,219 km of mainline and 377 km of siding)



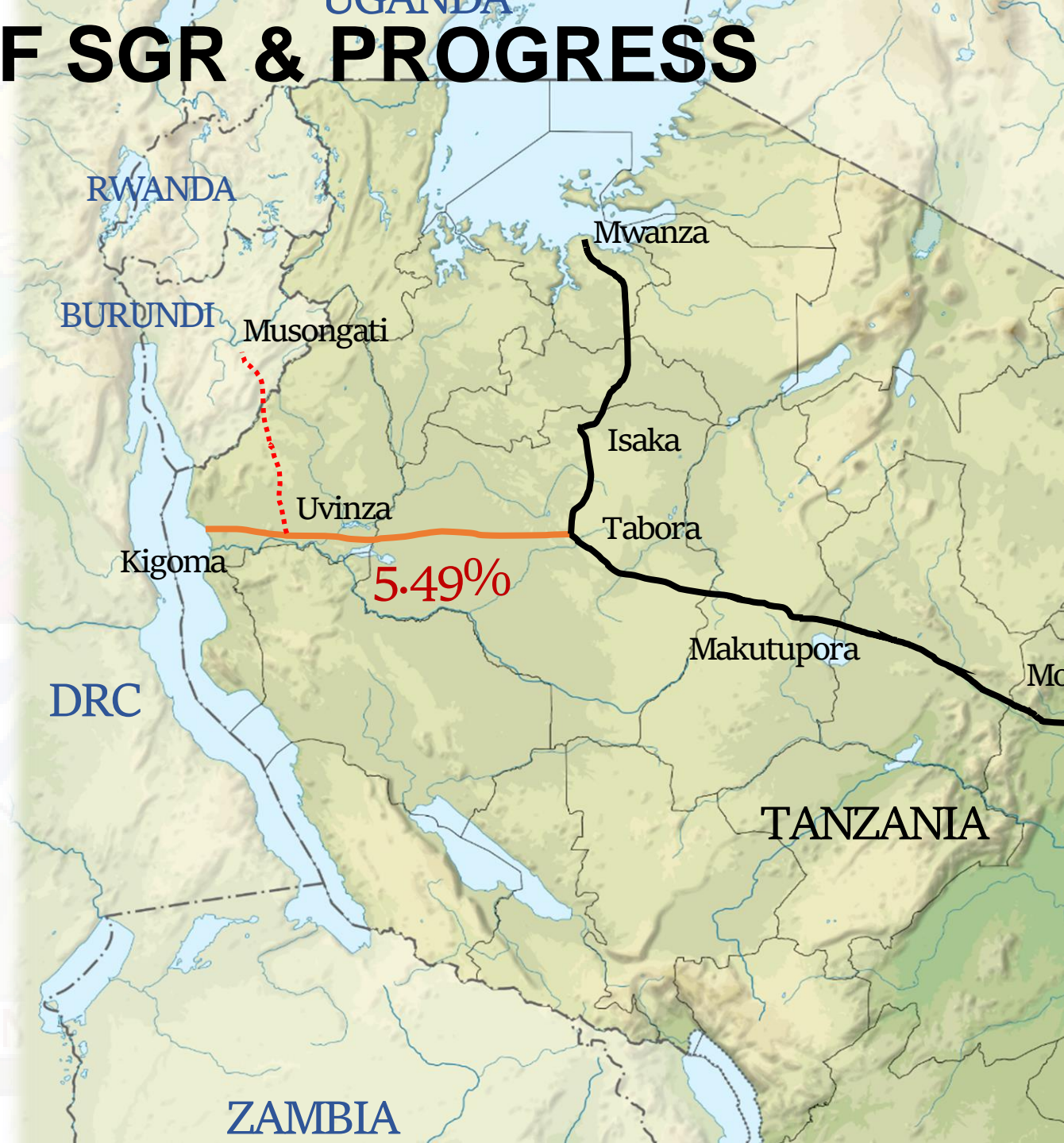
- i. **LOT 1: Dar es Salaam - Morogoro (300 km)**
- ii. **LOT 2: Morogoro - Makutupora (422 km)**
- iii. **LOT 3: Makutupora - Tabora (368 km)**
- iv. **LOT 4: Tabora - Isaka (165 km)**
- v. **LOT 5: Isaka - Mwanza (341 km)**

DEVELOPMENT OF SGR & PROGRESS

Phase II: **Tabora – Kigoma** with total of 506 km (411 km of mainline and 95 km of siding); and
Uvinza – Musongati with total of 282 km (180 km in Tanzania)

Total Investment of USD 10.016 Billion (VAT Incl.) from own source and borrowing

The Standard Gauge Railways will connect land-linked countries including **Uganda, Rwanda, Burundi, Democratic Republic of Congo** and **South Sudan** to the Port of Dar es salaam





SGR OPERATIONS

(DAR ES SALAAM TO DODOMA)

SGR OPERATIONS

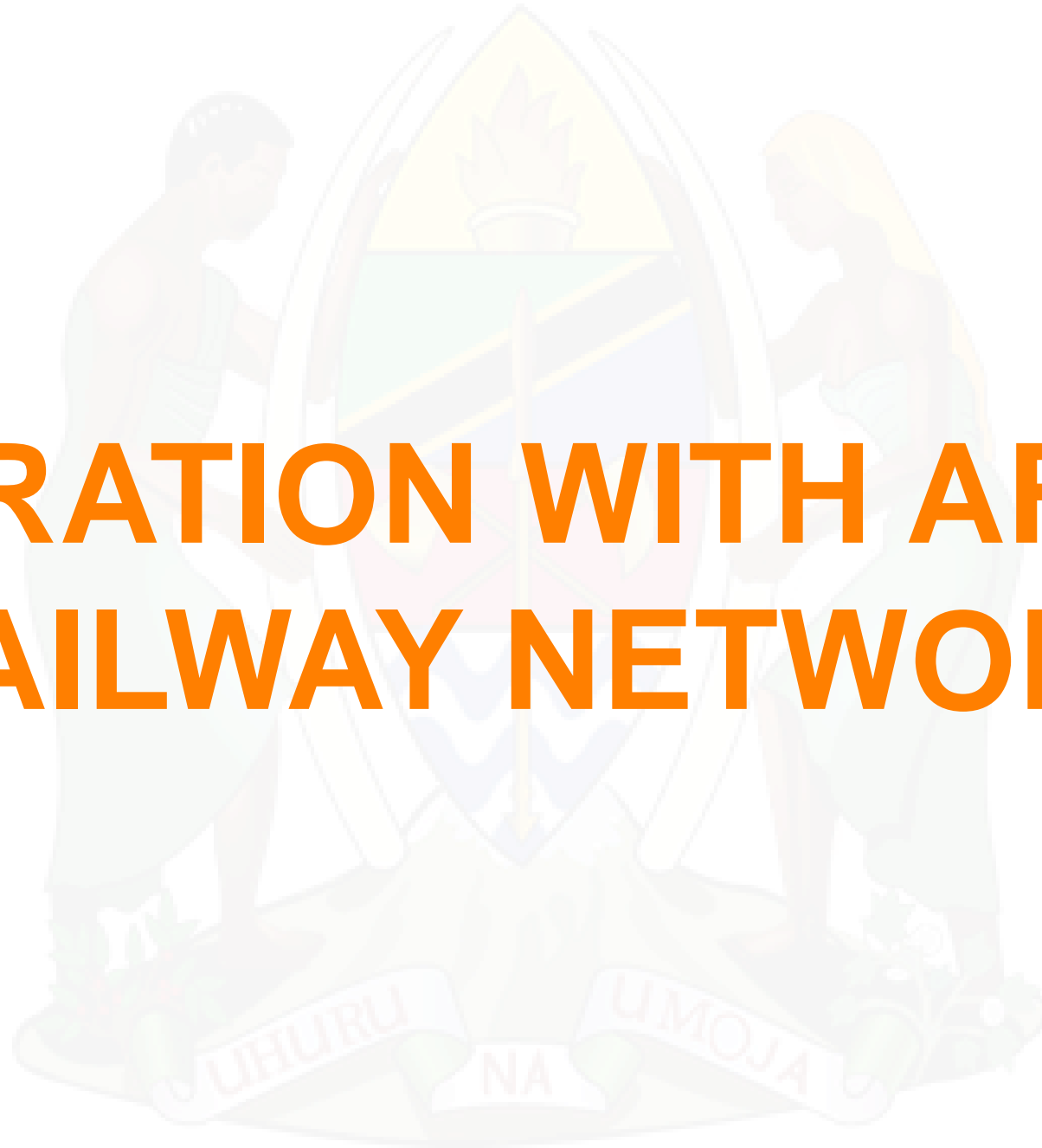
On 14th June, 2024, the Tanzania Railway Corporation (TRC) commenced operation of the Standard Gauge Railway (SGR) from Dar es Salaam to Morogoro (205 km), and on July 25, 2024, the operation of the SGR from Dar es Salaam to Dodoma (442 km) officially started.

Dar es Salaam - Morogoro has a total of 4 trips per day and Dar es Salaam – Dodoma (via Morogoro) has a total of 4 trips per day.

As per 28th August 2024, the total number of train trips between Dar es Salaam - Morogoro - Dodoma has reached 548.

SN	Route Name	No. of passengers
1.	Dar es Salaam – Morogoro (205 km)	230,552
2.	Dar es Salaam – Dodoma (442 km)	163,353
3.	Total	393,910

INTEGRATION WITH AFRICAN RAILWAY NETWORK



RAILWAY AFRICAN AGENDA 2063

The AU Vision of integrating Africa physically and economically is through High Speed Railway Network known as the **African Integrated High-Speed Railway Network (AIHSRN)**

AIHSRN is a flagship project to connect all the major cities/capitals of the continent, as well as through other means connecting African Island States to the mainland continent to catalyze manufacturing, skills development, technology development, research and innovation.

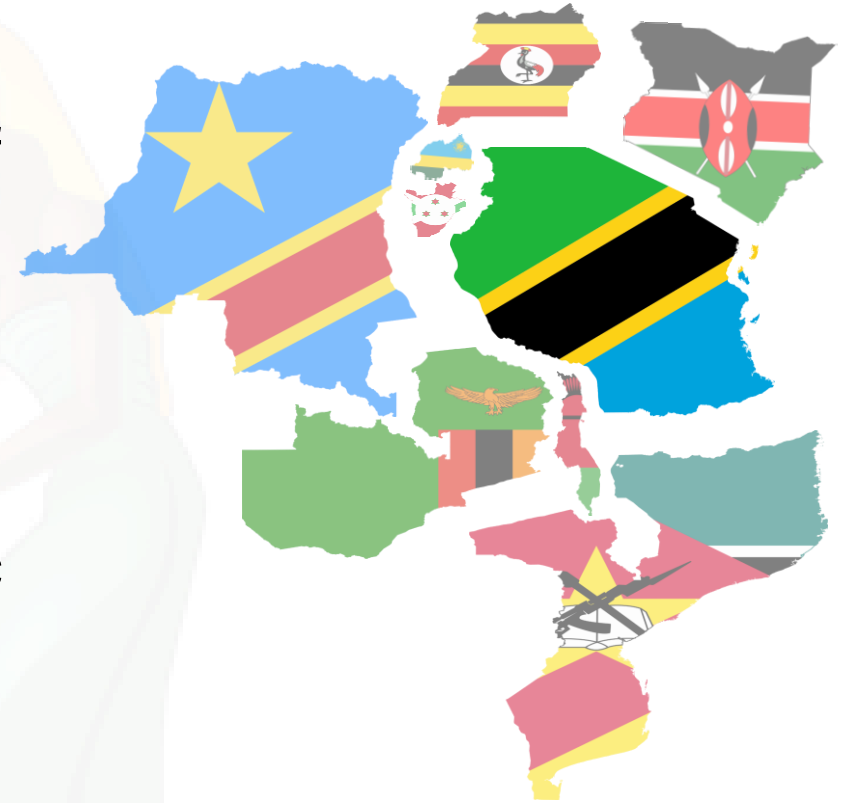
In order to achieve this vision all African countries are to develop a **Standard Gauge Railway line**.

As part of the Agenda, **Tanzania started implementation of SGR flagship project and to date the development has reached 50% of the planned SGR network within the country.**

On the other countries like **Burundi, Uganda and Rwanda** have started the procurement process for construction of SGR which is going to link to the SGR in Tanzania.

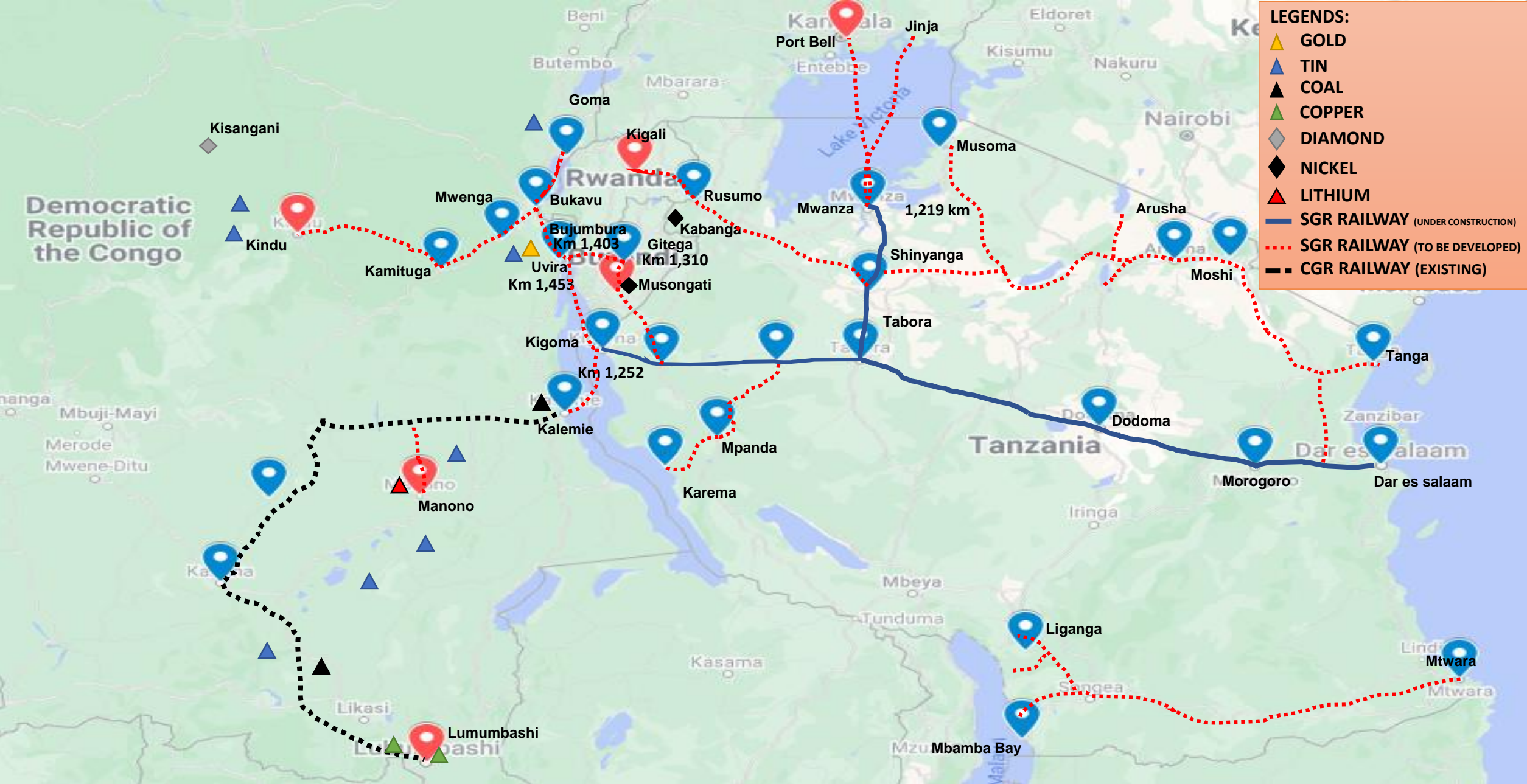
TANZANIA'S GEOGRAPHICAL LOCATION

- ❖ Tanzania is located in the East Africa within the African Great Lakes region having total area of 947,303 sq. km and population of 61,741,120 (2022 Census).
- ❖ It borders with Kenya and Uganda to the North; Mozambique and Malawi to the South; Zambia to the South-West; Rwanda, Burundi, and Democratic Republic of the Congo to the West; Indian Ocean to the East
- ❖ Tanzania has the vast market and opportunity to cater for EAC, SADC and COMESA countries with a total of 795 million people, equivalent to 57 percent of the population of Africa.
- ❖ Tanzania serves as a major gateway to Eastern Africa and SADC countries



LEGENDS:

- ▲ GOLD
- ▲ TIN
- ▲ COAL
- ▲ COPPER
- ◆ DIAMOND
- ◆ NICKEL
- ▲ LITHIUM
- SGR RAILWAY (UNDER CONSTRUCTION)
- ... SGR RAILWAY (TO BE DEVELOPED)
- - - CGR RAILWAY (EXISTING)



PROJECT BENEFIT DURING OPERATION

- ❖ Conserving the environment by reducing the amount of green house gases emitted per tone/km and passenger/km moved.
- ❖ Connection to land-linked Countries such as Burundi, Rwanda, Uganda and Democratic Republic of Congo to the Port of Dar es salaam.
- ❖ Reliable and cost-effective railway transport, reduction in travel time example from 10 hours to 3 hours from Dar es salaam to Capital City Dodoma
- ❖ Employment creation
- ❖ Saves expenditure on road maintenance.
- ❖ National economic distribution which may attract industrialization to other area in Tanzania
- ❖ Localization of Economy by using Electric power generated locally which will contribute to currency stability



FUTURE CONSTRUCTION PROJECTS

(INTERCITY AND REGIONAL)

MTWARA – MBAMBA BAY SGR LINE (1,000 KM)

Objective:

To construct SGR Line from Mtwara to Amelia bay with spurs to Liganga and Mchuchuma to enhance rapid economic development of the Mtwara corridor in Southern Tanzania

Estimated project cost is USD 5.9 Billion

Feasibility study and preliminary design completed in 2016

Procurement of consultant to review and to preparing a tender documents for PPP investment is on going.



TANGA – ARUSHA – MUSOMA SGR LINE (1,028 KM)



Objective:

To connect Uganda and Lake Victoria zone through Port of Tanga

Estimated project cost is USD 3.3 Billion

Feasibility study and preliminary design completed in 2019

Procurement of consultant to review and to preparing a tender documents for PPP investment is on going.

KALIUA – MPANDA – KAREMA SGR LINE (317 KM)

Objective:

To promote trading and movement of people in western regions of the country as well as in land-linked neighboring countries

Estimated project cost is USD 3.3 Billion

Feasibility study and preliminary design completed in 2021



ISAKA – RUSUMO – KIGALI SGR LINE (534 KM)

Objective:

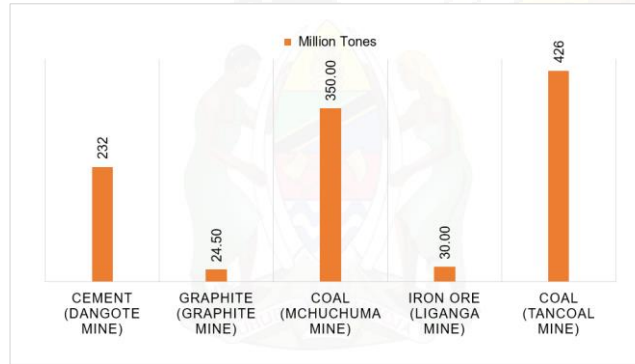
To enhance economic development of the region by providing connectivity with land linked countries

Estimated project cost is USD 2.3 Billion

Feasibility study and preliminary design completed in 2021



INTERCITY AND REGIONAL PROJECTS BENEFITS



Unlock the untapped mineral and agriculture potential reserves especially in Northern and Southern part of Tanzania;

Provide alternative route for neighboring countries such as Uganda, Rwanda, DRC, Mozambique, Zambia and Malawi;



Promote sustainable mobility along the corridors



Develop a reliable, cost-effective, efficient and seamless railway transport system along the corridors;



FUTURE CONSTRUCTION PROJECTS (COMMUTER)

DAR ES SALAAM COMMUTER

Objective:

To address the Transport challenges by decongesting the City

Provide services the cities of Dar es salaam and Coast;

Expected to have 7 routes with total of 166 km;

Estimated Costs of the project is USD 8.0 billion.

Feasibility study and preliminary design completed in 2019.



DODOMA COMMUTER

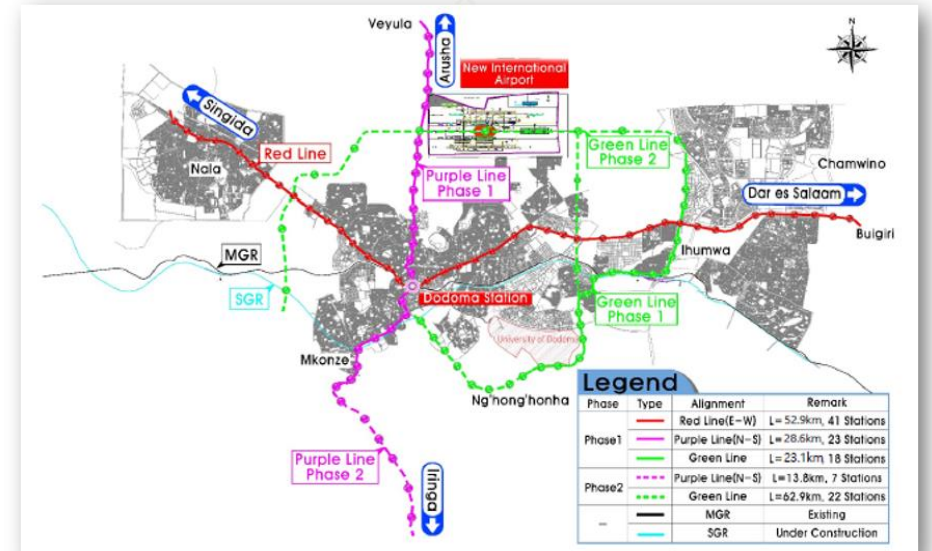
Objective:

To offer reliable green transports to citizens and visiting individuals.

Provide services in the Capacity of Dodoma; including Government City (Mtumba), New Airport (Msalato), University of Dodoma along with other strategic and commercially locations in Dodoma;

Expected to have 3 routes with total of Approx. 182 km – Phase I: 107 km and Phase II: 75 km km;

Feasibility study and preliminary design completed in 2022.



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PARTICIPATION OF KOREA IN SGR PROJECT

Tanzania Railways Corporation (TRC) has signed nine (9) contracts with a total value of **USD 501,891,603.96** with Korean companies for;

- i. **Consultancy in Construction, Capacity Building; and**
- ii. **Manufacturing Works for Electric Locomotives, Electric Multiple Unit, Wagons and On-track Equipment**



Apart for the signed contracts, Government of Tanzania is currently finalizing discussions for construction of **Modern Railway Training Center** with the Government of Korea and it shall be implemented by TRC.

AREAS OF COLLABORATION WITH KOREA

Construction of
Railway
Infrastructure



Operation and
Maintenance of
Rail Services



Provision of
Rollingstock



Expertise on
Workshop and
Depot



Training and Capacity Building (Exchange Programs)



OPERATIONS AND MAINTENANCE

(OPEN ACCESS OPERATION)

OPEN – ACCESS OPERATION

In June 2023, the Government of Tanzania amended the Railway Act of 10 of 2017 by allowing Open Access Operators

GEOGRAPHICAL POSITION



Country's strategic position of Tanzania to land-linked countries such as **Uganda, Rwanda, Burundi, DRC, Zambia and Malawi**

ENGAGEMENT OF PRIVATE OPERATORS



Increase rail market share for transit goods

The Operationalization under this arrangement will enhance the following:

- i. **Attract investment** opportunities from private operators.
- ii. **Boost** the competitive business environment
- iii. **Increase** in revenue collection
- iv. **Economic growth** and sustainability

OPEN – ACCESS OPERATION

DESIGN CAPACITY



MGR

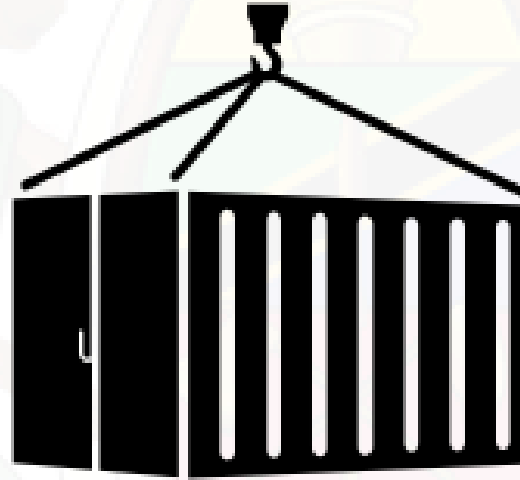
5 million tones
per annum



SGR

17 million tones
per annum

POTENTIAL CARGO



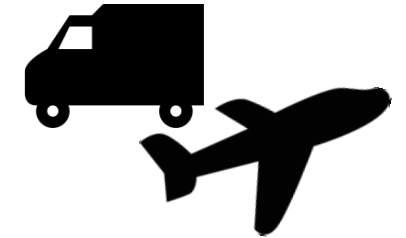
Port of Dar es salaam masterplan shows the
Cargo throughput by 2029-2030 to be
30.013 million tons

CARGO HAULING



RAIL SECTOR

2%



OTHER MODES

98%

With the massive investment in the infrastructure, private operators to take advantage of the potential cargo which may be hauled through railways and therefore exploit the potential capacity.



OPERATIONS AND MAINTENANCE

MAINTENANCE

MAINTENANCE

Corporation intends to outsource maintenance services

INFRASTRUCTURE



To ensure reliability and availability of the infrastructure throughout which will ensure operation sustainability and increase efficiency to the both operators and customers.

ROLLING STOCK



To ensure availability, reliability and utilization with an objective is to make sure that 80% of the rollingstock is available to provide services and operate in optimum level in terms of reliability, availability, maintainability and safety with compressive maintenance

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This opens doors to investors to participate in the maintenance of tracks, signaling and telecommunication, electrification, operational buildings & structure, ICT Systems, maintenance of rollingstock, establishment and/or leasing of workshops facilities and plants

CONCLUSION

Tanzania Railways Corporation appreciates the role of Korean Companies in ongoing Infrastructure Development.

Our partnership with South Korea is a shining example of what can be achieved when nations work together towards common goals.

The robust cooperation highlights the mutual benefits for both nations will continue to bring about significant developments while setting the stage for continued progress, mutual benefits for both our countries and shared prosperity in the future.



THANK YOU