



The United
Republic of
Tanzania

Ministry of Information,
Communication and
Information Technology



TABLE OF CONTENTS

FOREWORD	01
Statement from Permanent Secretary	02
Welcome to the dynamic world of ICT investment in Tanzania	03
Tanzania Country Profile	04
Why and How to Invest in The ICT Value Chain in Tanzania?	04
Tanzania incentives for investors	08
One Stop Facilitation Centre	09
Opportunities for investment in the ICT sector's value chains in Tanzania	10
The Ministry Theme for ICT Investments	11
List of Projects	12
SmartTech Tanzania: Pioneering Local Manufacturing of ICT and Smart Devices	12
Empowering Tanzania's Digital Transformation: Upgrading the NICTBB for Seamless Connectivity	15
Regional Digital Gateway: The Tanzania Submarine Cable Hub and Carrier Grade Neutral Data Centre	19
Development of ICT Technology Parks	22
TechForward: Empowering Innovation and Embracing Emerging Technologies	25
Cybersecurity Innovation Hub: A Centre for Excellence in Research, Development, and Innovation	28
Tanzania Space Centre of Excellence: Leading the Future of Space Research and Innovation	31
Enabling Affordable Mobile Communication Solutions for Rural Areas: Deploying Low-Cost Solutions	34
Bridging the Healthcare Gap: Integrating Telemedicine for Sustainable Health care in Rural Tanzania	37
C4A: A Nationwide Initiative for Free WiFi Access in Public Spaces and Educational Institutions	40
Enhancing Local Digital Ecosystems: Establishing ICT Community Centres for Wards	43
NaPA+: Advancing Sustainability, Monetization, and Value Addition in Physical Addressing	47
A Gigabit Nation – Empowering Homes with FTTH & 4G	49
Tanzania's Digital Transformation: Empowering Citizens with Seamless E-Commerce and Beyond	52
Managing E-Waste in a Sustainable Way: The Key to a Greener Future	55
Tanzania Indian Coastline: Integrated Marine Resource Management and Blue Tourism Digital Platform	58
Unlocking Tanzania's Natural Beauty: e-Tourism and the Serengeti Virtual Reality Project	61
Enabling Inclusive Digital Access: Empowering Individuals with Disabilities	64
Capacity Enhancement of Tanzania Safari Channel	68
Enabling Logistics Excellence: Modern Warehousing for a Thriving Economy	72
Youth Agricultural Training Centres and ICT enabled Farm service Facilities	75
22. National Embedded Systems Laboratories (Robotics & AI)	78
Conclusive Note	81

Foreword

Tanzania is renowned for its stability in the region and is also one of sub-Saharan Africa's fastest-growing economies, with an average GDP growth of around 7% per year since 2000. The country's strategic location along the continent's east coast and abundant natural resources have historically made it an attractive centre for trade. An attractive trade environment provides confidence for investing in Tanzania.



Information Communication Technology (ICT) is one of the areas for investment that directly and indirectly contributes to The Tanzania National Development Vision 2025 (TNDV 2025). The ICT sector aspires to strengthen Tanzania's competitiveness for sustainable wealth creation, employment, and inclusive growth in line with the objectives of TNDV 2025.

The Government of Tanzania has identified the ICT sector as one of the primary drivers for achieving desired growth and realizing development plans. A favorable ICT trade environment has facilitated significant growth in areas such as communications, infrastructure, and financial inclusion through mobile money, cybersecurity, and e-commerce.

Despite remarkable ICT development in the country, there still exists a gap among communities in terms of ICT usage and opportunities. In this regard, Tanzania, through the Ministry, calls for new ICT innovation approaches that can incorporate

marginalized groups and sectors into the innovation processes, reach broader communities, and increase collaboration among stakeholders, sectors, and regions.

The Government believes that investment in ICTs is essential for taking Tanzania to the next level of productivity and efficiency, benefiting every sector. Our political stability, steady economic growth, geographical location, and favorable legal and regulatory environment make Tanzania a preferred environment for both international and local investors. I hereby invite investors to collaborate with the Government through the Ministry to invest in the proposed ICT projects. Karibu Tanzania (Welcome to Tanzania)

Hon. Jerry William Silaa
Minister of Information,
Communication & ICT



Statement from Permanent Secretary

I am pleased to introduce this ICT Investment Profile Brief document, which provides comprehensive information about Tanzania's ICT sector and the various projects undertaken by the Government of the United Republic of Tanzania through the Ministry of Information, Communication, and Information Technology (MICIT). This document aims to attract different forms of investment, collaboration, or partnerships.

Within this ICT Investment Profile booklet, we highlight the Ministry's projects and actively promote them to potential partners who are willing to collaborate with us on these initiatives. The purpose of this brief project guideline is to offer potential investors the initial project information they require to make informed decisions about investing in ICT projects.

We anticipate that potential investors will find this document to be a valuable and indispensable source of information for those who are interested in investing in the project sectors listed herein.

Lastly, the Ministry would like to assure all prospective investors that we will continue to facilitate the granting of various permits, approvals, authorizations, and licenses necessary for the proposed projects. We are committed to ensuring the full implementation of the enlisted projects, with the ultimate goal of making ICT the driving force behind Tanzania's economy. I extend a warm welcome to all readers and prospective investors

Mr. Mohammed K. Abdulla
Permanent Secretary



Welcome to the dynamic world of ICT investment in Tanzania!

We are delighted to extend a warm welcome to you as we explore the exceptional opportunities awaiting investment in the Information and Communication Technology (ICT) sector in Tanzania. With Tanzania's burgeoning economy and favorable investment climate, investing in ICT presents unparalleled prospects for growth and innovation.

At the heart of facilitating investments in Tanzania lies the Tanzania Investment Centre (TIC), serving as a dedicated one-stop center for the seamless facilitation of investment procedures. TIC plays a vital role in facilitating investment, and we are eager to showcase the immense opportunities within our rapidly growing digital landscape. TIC's streamlined processes and comprehensive support services ensure that investors experience efficiency and convenience at every step of their investment journey, making Tanzania an optimal destination for ICT investment.

TIC serves as your one-stop shop for a smooth and efficient investment process. TIC's dedicated team provides expert guidance throughout all stages, from initial inquiries to project implementation. Don't hesitate to leverage their expertise to navigate regulations and secure the necessary permits.

Moreover, TIC offers a range of enticing incentives designed to further attract and support investors in the ICT sector. These incentives are tailored to meet the unique needs of ICT investors. By providing these incentives, TIC aims to foster a vibrant ecosystem for ICT innovation and entrepreneurship, driving sustainable economic growth and development.

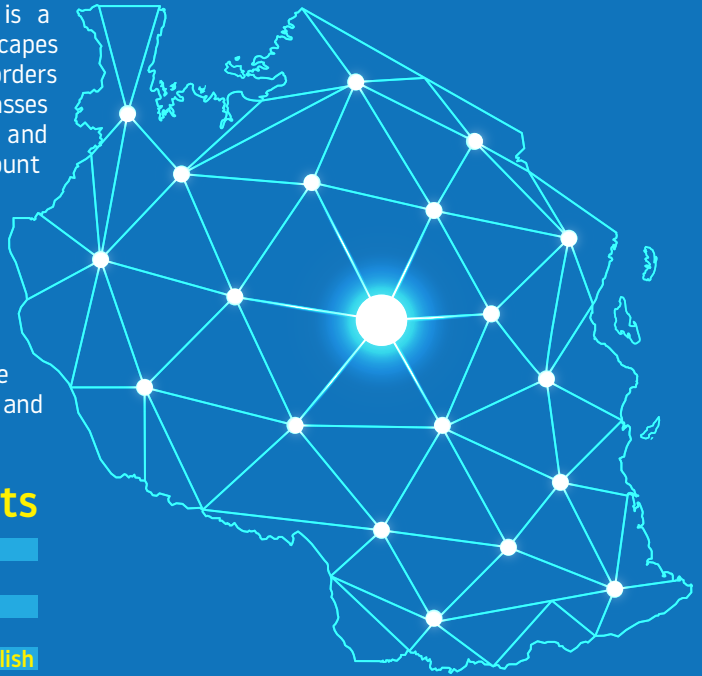
Furthermore, Tanzania's commitment to economic governance reforms has garnered international recognition, with the country ranking prominently in global investment indices. Tanzania holds the 7th position out of 54 countries, highlighting its attractiveness to investors seeking opportunities in the ICT sector. Investing in Tanzania's ICT sector goes beyond just financial gains. You'll be partnering with a forward-thinking government committed to growth and innovation, while shaping the future of a nation.

Explore the exciting opportunities that await and let TIC guide you towards a successful investment in Tanzania's digital future. We look forward to welcoming you!

Mr. Gilead J. Teri
Executive Director,
Tanzania Investment Centre

Tanzania Country Profile

Tanzania, located in East Africa, is a country known for its stunning landscapes and cultural heritage. It shares borders with several countries and encompasses the Indian Ocean islands of Pemba and Zanzibar. With attractions like Mount Kilimanjaro and the Serengeti National Park, Tanzania offers remarkable natural beauty and exceptional wildlife encounters. The country has a population of over 60 million, consisting of more than 120 ethnic groups. Swahili and English are the official languages, and Islam and Christianity are the main religions.



Summary of Key Facts

Capital	Dodoma
Commercial City	Dar es Salaam
Area	945,087 km2
Population	64 million
Official Language	Kiswahili & English
Literacy Rate	62.8%
Inflation Rate	(2023) 4.0%
Nominal GDP (2021)	USD 67.84Billion
GDP Growth (2023)	5.2
GNI Per Capital (2021)	1,100
FDI Inflow (2020)	USD 1.013 Billion
Export/GDP (2017)	16.6%
Import/GDP (2017)	18.3%
Government	Government
Expenditure	USD 15.3 Billion
Government Revenue	USD 66 Billion

Dodoma serves as the official capital, while Dar Es Salaam, the largest city with a population of nearly 6 million, functions as the primary port, industrial centre, and commercial hub. Tanzania has made significant advancements in the communication sector, creating opportunities for both domestic and foreign direct investment (FDI) to further propel the country's development efforts.

Why and How to Invest in The ICT Value Chain in Tanzania?

Tanzania's renowned culture of hospitality and resourcefulness delivers exceptional value for investors. There are many examples of commercial success resulting from investment ventures by international partners. Tanzania offers a compelling investment proposition and advancements in the communication sector, creating opportunities for both domestic and foreign direct investment (FDI) to further propel the country's development efforts.

Macroeconomic context



The Tanzanian economy relies heavily on agriculture, with a particular emphasis on cash crops such as coffee and tea. Additionally, the country possesses abundant natural resources, including gold, diamonds, and natural gas. To foster economic growth, the government actively promotes sectors such as tourism, mining, manufacturing, and ICT.

Tanzania has demonstrated resilience and adherence to sound macroeconomic policies, rebounding from the impact of the COVID-19 pandemic. In 2021, the country experienced a GDP growth rate of 4.90% as the global economy recovered, with agriculture and services driving this growth. Inflation has remained stable due to strict monetary policies, keeping rates among the lowest and least volatile in EAC. However, there has been a consistent increase in the consumer price index since early 2021, and Tanzania aims to maintain inflation below 5%. The anticipated rise in inflation in the future is attributed to higher energy prices stemming from the conflict between Russia and Ukraine.

Despite ongoing challenges, Tanzania remains committed to sustainable development and the pursuit of investment prospects. With its significant growth potential, abundant natural resources, and rich cultural heritage,

Tanzania presents itself as an appealing destination for investors.maintains a stable political environment that encourages economic growth and development. Continued investment in infrastructure, education, and training not only enhances Tanzania's appeal as an investment destination but also ensures the quality of inward investment.

Furthermore, Tanzania is actively pursuing a transition into a digital economy and embracing the opportunities presented by the Fourth Industrial Revolution (4IR). The TNDV2025 outlines an ambitious roadmap to transform Tanzania into an industrialized economy, with an annual growth rate target of 7%. In achieving this vision, ICT is identified as a key driver of progress. As a result, there are abundant opportunities for investment in the ICT sector, which is poised to expand significantly in the upcoming years.

Tanzania's commitment to long-term and sustainable growth creates a favourable environment for investors seeking opportunities in a rapidly evolving digital landscape. The government's focus on harnessing the potential of technology and innovation positions Tanzania as an attractive investment destination for those looking to participate in the country's journey toward a thriving digital economy and the

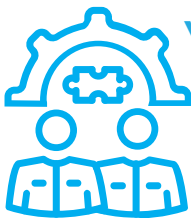
					
PEACE AND POLITICAL STABILITY	ECONOMIC STABILITY	RICH NATURAL RESOURCES	INVESTMENT GUARANTEES	STRATEGIC LOCATION	ACCESS TO MARKETS FTA
Multiparty Democracy Good governance Stable post- election No civil wars	High growth - 7% Low inflation % Reilient - 7% Ave economy	Alable Land, Natural gas, 57.54 Tcf, Tourist attractions, Labour force	BIT's BTA's MIGA ATIA ICSID	1,424KM Coastline Gateway to 7 EAC, SADC & COMESA 3 Seaports 3 Int Airports 3 Rail lines	EAC: 288.2 Mil SADC: 327 Mil Trade partners AGOA: US (6,000 items) EBA:EU China (4,000 Items)

Favourable Geographic Location



Tanzania's favourable geographic location within the East African Community (EAC), the Southern African Development Community (SADC), and the Common Market for Eastern and Southern Africa (COMESA) provide strategic advantages for investors. Situated at **Rapid Institutional Development**

According to the Index of Economic Freedom, which measures a country's ability to promote economic opportunity, individual empowerment, and prosperity, Tanzania has shown significant progress. In 2021, Tanzania achieved an average score of 58.9% among the highest in Africa



Young and dynamic workforce

With over 75% of the population in Tanzania below the age of 35, the country possesses a the crossroads of vital trade routes connecting Asia, Europe, the Middle East, and the rest of Africa, Tanzania benefits from a large consumer base. This advantageous position enhances the market potential and accessibility for services and products offered by investors in Tanzania.

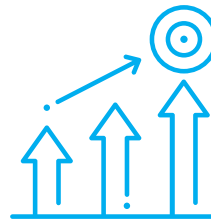
Economic Growth



Tanzania has experienced robust economic growth, with an average growth rate of 7% since 2010.

Furthermore, it is among the top 10 fastest-growing economies in Africa over the past decade. large and dynamic labour force. This demographic advantage provides ample opportunities for businesses and investors to tap into a vibrant and energetic workforce.

Potential For Continued Growth



Tanzania has played a crucial role in the impressive digital growth and investment observed in the SADC and EAC regions. Investments in Optical submarine cable infrastructure have resulted in substantial improvements in internet connectivity. Tanzania has benefited significantly from these submarine cables, linking the region to the global network. This enhanced internet bandwidth has effectively addressed bandwidth limitations, allowing service providers to compete and potentially lower costs for consumers, thereby overcoming a longstanding obstacle to internet access. While ICT adoption in Tanzania is increasing, there is still a significant portion of the population lacking adequate digital connectivity. Nevertheless, with the rapid growth of mobile cellular subscriptions and internet usage, there are opportunities for investors to address connectivity challenges and capitalize on the region's potential for further growth

Network Coverage and Quality of Internet Speed for Mobile and Fixed

	Indicator	Category		March 2023
1	Population covered by a mobile broadband network signal	3G		74%
		4G		58%
2	Geographical coverage by mobile network signal	3G		49%
		4G		40%
3	Broadband Services	Upload		Download
		Mobile broadband	5.84 Mbps	12.56 Mbps
		Fixed broadband	29.43 Mbps	32.76 Mbps
4	Fiber Backbone & Submarine Cables		KM	Speed
	National ICT Backbone		12,000	1Tbps
	SEACOM			12 Tbps
	Eastern Africa Submarine Cable System (EASSY)			10 Tbps
	2Africa			180 Tbps
	Seychelles East Africa System (SEAS)			320Gbps

Industrial Park

Tanzania has identified strategic sites for developing industrial parks with sector specialization, including edible oils, sugar milling, and other sectors.

These proposed sites are strategically located along corridors that have access to key bulk infrastructure, such as ports, electricity, water, railway lines, and well-developed asphalt roads. Moreover, they are situated in close proximity to an abundant pool of skilled labour. Potential investors are invited to establish plug-and-play industrial facilities at these sites, taking advantage of the supportive infrastructure and the availability of skilled workers. This presents an excellent opportunity for investors to quickly establish and operate their industrial ventures in Tanzania's thriving market.



Tanzania incentives for investors

S/ N	Fiscal Incentives	
1	Exemption on Project Capital goods	Zero Import Duty on capital goods.
		Zero Import Duty on raw materials
2	Tax Relief on Deemed Capital Goods e.g., Construction materials	Import Duty exempted by 75%
3	Manufacturing of pharmaceuticals, Textiles or leather products	Reduced corporate tax to 20% for the first 5 consecutive years
4	ICT Incentives	Tax-free importation of ICT equipment such as computers, computer parts, and accessories.
5	Assembly of motor vehicles, tractors, fishing boats, or out boat engine	Reduced corporate tax to 10% for the First 5 consecutive years
6	Depreciation Allowance	37.5% - 5% depending on the class of the depreciable asset
	Capital Allowance	Agriculture – 100%
		Mining - 20% (first 5 years)
		Hotels - 50%
		Fish farming - 50%
		Tourist services – 50%
7	Non-Fiscal Incentives	
	Automatic Immigration Quota	Initially, 10 expatriates during project implementation, and additional is based on project size and other factors
8	Unconditional (Free repatriation) transferability of funds	Transfer of funds is allowed through any authorized bank in freely convertible currency of Net profits, Repayment of foreign loans, Royalties, Fees charges in respect of foreign technology, Remittance of Proceeds, Payment of emoluments, etc.
9	Access to Services under the One Stop Facilitation Centre	
10	Land Derivative Right	Foreigners have the security of tenure under TIC DR for 98 years.
11	National and International recognitions	

One Stop Facilitation Centre

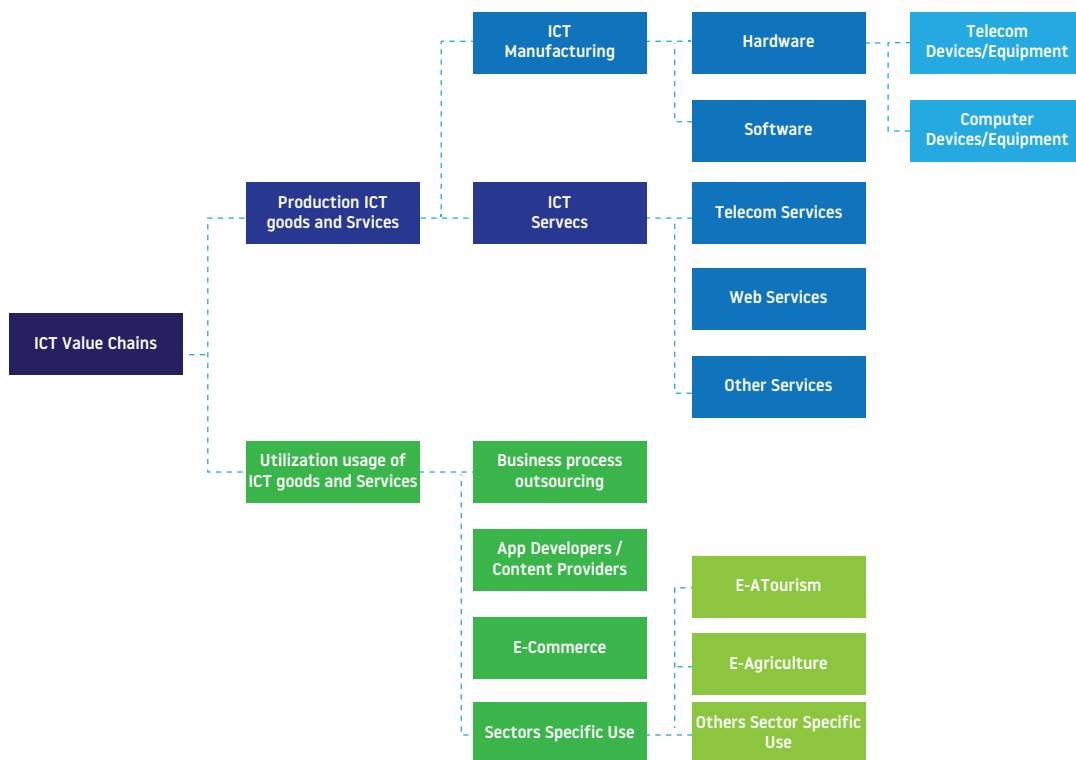
The Tanzania Investment Centre (TIC) is a key agency that promotes and facilitates investment in Tanzania. It serves as a one-stop centre for investors, providing a wide range of services and support. These services include investment information, guidance, permit and license facilitation, and aftercare services.

The TIC's efforts aim to create a favourable business environment, streamline investment procedures, and foster partnerships between investors and government authorities. Through its work, the TIC contributes to economic growth, job creation, and the overall development of Tanzania.



Opportunities for investment in the ICT sector's value chains in Tanzania

The ICT industry in Tanzania has experienced rapid growth and continues to hold significant potential for contributing to the country's economy. Its benefits extend beyond ICT-specific contexts and can positively impact various industries by enhancing productivity and generating new revenue streams. Despite internet penetration being around 54%, fixed broadband penetration remains below 3%. Nevertheless, there is ample opportunity for investment and growth in this promising sector across different economies.



The Ministry Theme for ICT Investments Take off through the Ministry

The ministry through new generation of media technology with enhanced communications to provide the world with information for taking Tanzania to the next level.

New generation of media
technology with

What

Quality content generation and production
(TBC & TSN) ie. Safari Chanel & Quality Printing

Enhanced communications

How

Enhancing and Modernizing of communications
infrastructure (NICTBB, TPC, TTLCL, TCRA, ICTC)
ie. FTTH, Delivery Services, Regulation

To provide the world

Where

World (local to local & local to international
(TPC, TTCL, TBC, ICT) ie. e-business.

with information for

What

Provision and availability of information and
data (TTCL, TBC, TSN)

Taking Tanzania to the next level

Where

World Take Off

LIST OF PROJECTS

PROJECT 01

SmartTech Tanzania:

Pioneering Local
Manufacturing of
ICT Smart
Devices

**PROJECT
NAME**

**SmartTech Tanzania: Pioneering Local
Manufacturing of ICT Smart Devices**

Responsible Sector ministry:

MICIT

Implementation Authority:

ICT commission

Project Location:

Dar es Salaam



Project Description

Background

The main development challenges the project will address: The demand for computers and mobile phones is on the rise, with an average enrolment of 4.5 million students in primary, secondary, and tertiary educational institutions, as well as a total of 23,295 schools. The aim is to equip each educational facility with smart classrooms by 2025. Tanzania faces a challenge with its manufacturing sector, which contributes only 5.2% to the GDP¹. The ICT manufacturing sector makes up a mere 0.004% of the manufacturing output. To tackle this issue, the country has set out to establish ICT and digital gadget manufacturing industries within its borders.

By nurturing strategic partnerships and supporting local manufacturers, Tanzania aims to transform itself into a prominent hub for ICT manufacturing. This endeavour will not only create job opportunities but also facilitate the transfer of technology, fostering overall economic growth. The project aligns perfectly with the nation's broader goals, such as increasing broadband penetration and ensuring that every child in school has access to a laptop.

Furthermore, the project extends its reach beyond the domestic market. It seeks to address the scarcity of affordable, low-cost devices not only within Tanzania but also in the wider regional market. Through this comprehensive approach, Tanzania is poised to bridge the digital divide, promote inclusive access to digital services and opportunities, and drive economic development within the country and the surrounding regions.

The share of the manufacturing sector in GDP is relatively low, at

5.2%



ICT manufacturing sector accounting for

0.004%

of the manufacturing output



average total enrolment at primary, secondary schools, Vocation Training Institutes, and Universities is

4.5million

Project Objectives



To produce affordable devices and reduce the dependency on imports, hence increasing access to digital services by providing affordable digital devices/equipment, reducing unemployment, enhancing production, fostering innovation, and positioning Tanzania as an ICT manufacturing hub.

Project Benefit



Job creation



Increase telephone penetration from 89% in 2020 to 100% in 2025



Increase Broadband penetration from 43% in 2020 to 80% in 2025



Increase the availability of affordable electronic gadgets



Technology transfer



Increased Manufacturing, export, tax base and forex



Opportunities for Investor

- ▀ Availability of Land
- ▀ No ICT equipment assembly industries
- ▀ Increased student enrolment from primary schools to universities
- ▀ Low penetration of smartphone & PCs
- ▀ Increasing broadband LTE coverage leading to high Demand for smart devices
- ▀ Evolving Consumer behavior; high product refresh rate

Project Cost:	USD 25 Millions
Project Status:	Started
Financing Mode:	Government Subvention, Partnership, Donors Support
Description of Partnership:	Build Operate Transfer, Concessions:
Contact Person:	Director General
Email:	DG@ictc.go.tz
Telephone:	+255 736 848 444



PROJECT 02

Empowering Tanzania's
Digital Transformation:
Upgrading the NICTBB
for Seamless
Connectivity

**PROJECT
NAME**

Empowering Tanzania's Digital Transformation: Upgrading the NICTBB for Seamless Connectivity

Responsible Sector ministry:

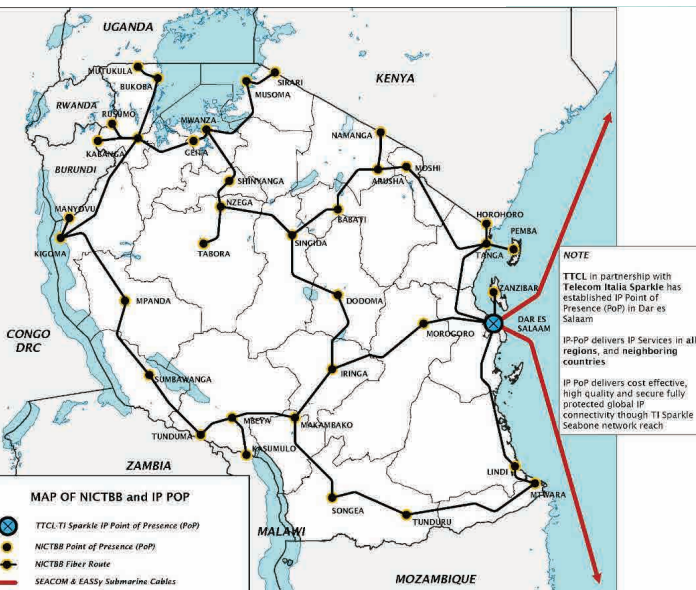
MICIT

Implementation Authority:

Tanzania Telecommunications Corporation

Project Location:

Tanzania & Kalemie in Democratic
republic of Congo



Project Description

Background

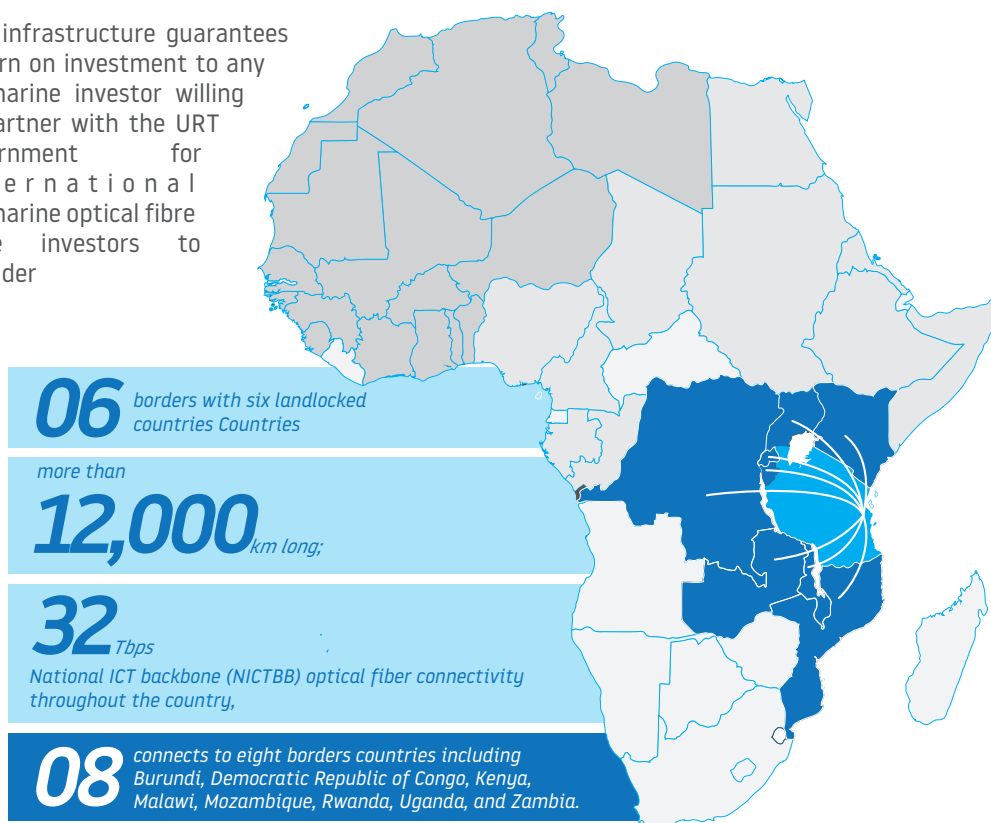
The main development challenges the project will address: Global society has become greatly more dependent on the internet especially during the COVID-19 pandemic, and consequently more dependent on submarine cables. As the government of URT continues investing in National Broadband ICT Backbone optical fibre infrastructure. There is no longer question about the key importance of access to affordable broadband services to transform the country into digital economy.

The project's aims at significantly improve local, regional, and international connectivity in Tanzania by upgrading the National ICT Backbone and expanding submarine optic fibre cable landing stations. Through the implementation of various components, the project aims to enhance broadband coverage, promote the use of digital services, and establish Tanzania as a prominent ICT hub within the East and Central Africa region. Tanzania is the only country in Africa that borders six landlocked countries, these are Burundi, the Democratic Republic of Congo, Malawi, Rwanda, Uganda, and Zambia.

This offers a strategic position for Broadband backbone services, internet Data centres, and international submarine connectivity. Currently, there is a seamless more than 12,000 km long; 32Tbps National ICT backbone (NICTBB) optical fibre connectivity throughout the country, and the infrastructure also connects to eight borders countries including Burundi, Democratic Republic of Congo, Kenya, Malawi, Mozambique, Rwanda, Uganda, and Zambia.

Tanzania as one of the strategic landing stations. As of now, the NICTBB is connected to only two international submarines OFC landing station namely SEACOM and EASSy. The opportunity is called upon herewith is to invest in the international submarine cables to promote quality connections through competition, reliable and affordable services, and in due course URT become an ICT hub for the East and Central Africa Region.

This infrastructure guarantees Return on investment to any submarine investor willing to partner with the URT government for international submarine optical fibre cable investors to consider



Project Objectives

To establish and operate a dynamic Technology Advancement Hub that serves as a catalyst for innovation and expedites the adoption of emerging technologies. By creating an ecosystem that nurtures collaboration, knowledge exchange, and practical application, the Technology Advancement Hub aims to empower individuals, organizations, and industries to embrace cutting-edge technologies, drive impactful innovations, and leverage the transformative potential of emerging technologies to fuel their growth and success.



Project Components

1) Upgrading the National ICT Backbone: Construction of new fiber optic cables and the modernization of existing National ICT Backbone. Currently, the backbone covers 26 regional headquarters and only 80 districts. To extend the coverage, approximately 10,000 Km of additional fiber optic cables will be laid, connecting all districts and wards. This expansion will greatly improve broadband access, ensuring better availability of digital services and information.

2) Construction of 130km submarine optical fiber cable [Kigoma (TZ) Kalemie (DRC)] across Lake Tanganyika to connect the Democratic Republic of Congo.



Project Benefit

- ▶ Increase affordability and accessibility to digital services
- ▶ Increasing regional connectivity/integration
- ▶ Increased use of digital services through e-government, e-commerce, and ICT skills training;
- ▶ Enhanced connectivity for better access to digital services and information;
- ▶ Job creation
- ▶ Achieving the goal to become a regional ICT hub;
- ▶ Increased tax base and forex



Opportunities for Investor

- ▶ Well established institution and legal framework
- ▶ Low broadband penetration (43%) especially fixed network
- ▶ Increase demand for international connectivity to provide data and internet services
- ▶ Government support for Broadband initiative
- ▶ No barriers to broadband build-out and access to broadband networks
- ▶ Evolving Broadband Penetration

Project Cost:	USD 500 Million
Project Status:	Partially implemented
Financing Mode:	Government Subvention, Partnership, Donors Support
Description of Partnership:	Build Operate Transfer, Concessions
Contact Person:	Director General
Email:	info@ttcl.co.tz
Telephone:	+255 22 214 2000



PROJECT 03

Regional Digital Gateway:
The Tanzania Submarine
Cable Hub and Carrier
Grade Neutral Data
Centre

**PROJECT
NAME**

**Regional Digital Gateway: The Tanzania Submarine
Cable Hub and Carrier Grade Neutral Data Centre**

Responsible Sector ministry:

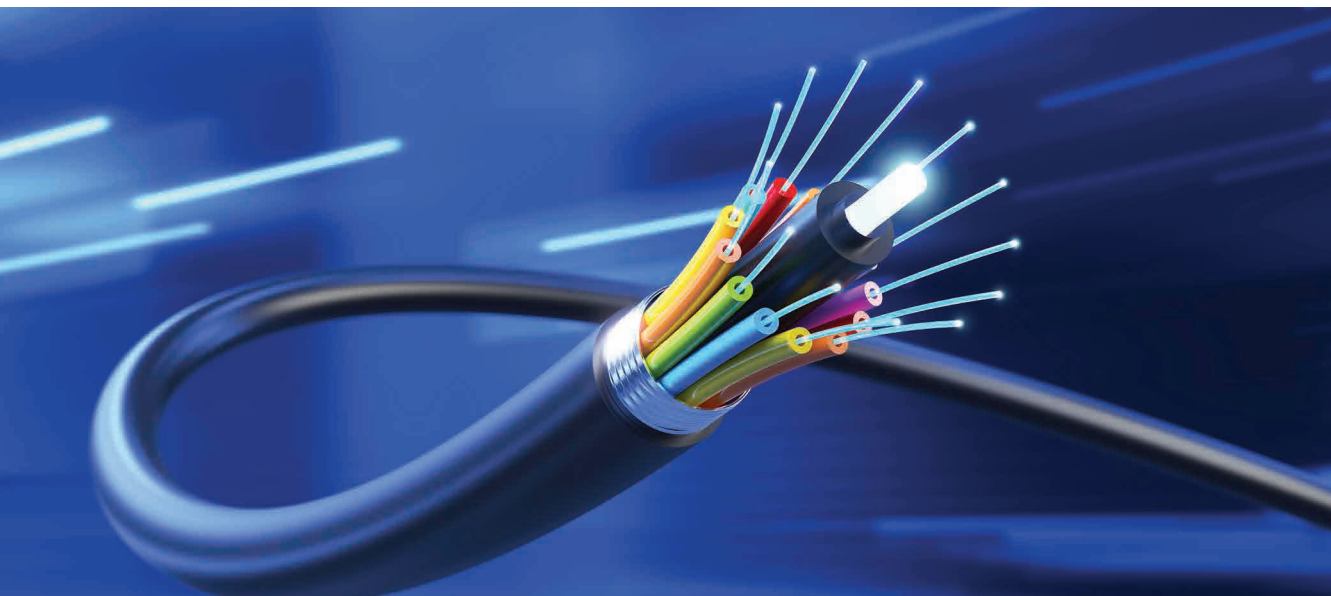
MICIT

Implementation Authority:

Tanzania Telecommunications Corporation

Project Location:

Dar es Salaam



Project Description

Background

The main development challenges the project will address: The East Africa Digital Gateway project will establish a state-of-the-art digital infrastructure hub in Tanzania, comprising a submarine cable hub and a carrier-grade, cloud-neutral data centre. The submarine cable hub will enable high-speed and reliable connectivity to international submarine cable networks, enhancing East Africa's access to global data networks. The data centre will offer secure and scalable hosting facilities for data storage, processing, and distribution. The project will also focus on promoting regional collaboration, fostering partnerships and collaboration between governments, telecommunication companies, cloud service providers, and content providers. The project will pave the way for improved internet speed, reliability, and affordability, supporting the growth of the digital economy and enabling digital transformation and connectivity for Tanzania and its six landlocked neighbours.



Project Objectives

To Construct and establish East Africa's Digital Gateway in Tanzania, comprising a state-of-the-art submarine cable hub and carrier-grade, cloud-neutral data centre, with the overall goal of enhancing connectivity, strengthening data infrastructure, promoting regional collaboration, and enabling digital innovation for Tanzania and its neighbouring countries, thereby driving economic growth and fostering digital transformation in the region.



Project Benefit

- ▶ Increase affordability and accessibility to digital services
- ▶ Increasing regional connectivity/integration
- ▶ Increased use of digital services through e-government, e-commerce, and ICT skills training;
- ▶ Enhanced connectivity for better access to digital services and information;
- ▶ Job creation
- ▶ Achieving the goal to becomes a regional ICT hub;
- ▶ Increased tax base and forex



Opportunities for Investor

- ▶ Availability of Land to build the infrastructure;
- ▶ Cross-Border Connectivity;
- ▶ Partnerships: Collaborate with governments, telecom companies, cloud providers, and content providers for regional collaboration and digital innovation;
- ▶ Digital Economy: Invest in the digital economy's growth in Tanzania and neighboring countries through improved internet speed, reliability, and affordability

Project Cost:	USD 60 Million
Project Status:	Started
Financing Mode:	Government Subvention, Partnership, Donors Support
Description of Partnership:	Build Operate Transfer, Concessions:
Contact Person:	Director General
Email:	info@ttcl.co.tz
Telephone:	+255 22 214 2000

A photograph of two men, one wearing a brown hat and glasses, looking at a laptop screen. The background is a blurred outdoor setting with buildings and greenery. A large black circle is overlaid on the left side of the image, containing the project title and number.

PROJECT 04

Development of ICT
Technology Parks

03.

**PROJECT
NAME**

**Development of ICT
Technology Parks**

Responsible Sector ministry:

MICIT

Implementation Authority:

ICT Commission

Project Location:

Mbweni Dar es Salaam, Bagamoyo and Kwala
Industrial Park in Coastal Region



Project Description

Background

The main development challenges the project will address: The project aims to establish ICT Technology Parks as part of an initiative to develop industrial parks. While the initiative has been secured, its implementation is pending. Recognizing the success of countries that have developed ICT Technology Parks, there is an opportunity to collaborate with them in the development of ICT technology parks.

These parks will serve as attractive destinations for major ICT technology companies and service providers to invest in our country, leading to increased employment opportunities, fostering innovation, and creating favourable conditions for entrepreneurship. By leveraging this opportunity, Tanzania can position itself as a hub for ICT advancements, driving economic

growth and technological development in the country.

A minimum of 100 hectares is made available around the Mbweni, Bagamoyo district and Kwala industrial Park respectively to develop the project under the PPP arrangement. By creating a sound IT foundation, the Government will attract multinationals and companies to relocate their activities to the park and due course increase employment, stimulate innovation, and opportunities for entrepreneurship. The indirect economic benefits of the ICT park include the improved status of Tanzania as an ICT investment destination, and increased growth of the ICT sector that will have a spillover effect in the design of applications and services for the government and the citizens at large.



Project Objectives

- 1) Establish a world-class infrastructure Digital Technology Park that will make Tanzania the hub for ICT investment and Business Process Outsourcing in the Sub-Sahara Africa;
- 2) Advance ICT innovation and applications that contribute to social and economic development in Tanzania and in the Region.



Project Benefit

- ▶ Increased manufacturing and export;
- ▶ Job creation more than 5,000
- ▶ Achieving the goal to become a regional ICT hub;
- ▶ Creating well-planned cities that incorporate technology and innovation for sustainable development;
- ▶ Attracting major technology corporations to invest in Tanzania;
- ▶ Stimulating manufacturing and export activities in the ICT sector;
- ▶ Fostering ICT entrepreneurship and venture capital opportunities.
- ▶ Increased tax base and forex



Opportunities for Investor

- ▶ Availability of Land to build;
- ▶ High demand for digital goods and Services;
- ▶ Opportunity to attract giant technology corporates;
- ▶ Increased ICT entrepreneur and venture capital opportunities;
- ▶ Business Growth in ICT related industry;

Project Cost:	USD 60 Million
Project Status:	Not yet
Financing Mode:	Government Subvention, Partnership, Donors Support
Description of Partnership:	Build Operate Transfer, Concessions
Contact Person:	Director General
Email:	DG@ictc.go.tz
Telephone:	+255 736 848 444

A man with dark skin and a beard is wearing a white VR headset. He is looking down, and his hands are resting on a desk. The background is dark with glowing blue digital lines and hexagonal patterns, suggesting a high-tech or virtual reality environment. A large, semi-transparent dark circle is overlaid on the left side of the image, containing the project title and description.

PROJECT 05

TechForward: Empowering
Innovation and Embracing
Emerging Technologies

03.

**PROJECT
NAME**

**TechForward: Empowering Innovation and
Embracing Emerging Technologies**

Responsible Sector ministry:

MICIT

Implementation Authority:

ICT Commission

Project Location:

Dar es Salaam



Project Description

Background

The main development challenges the project will address: The project aims to drive the Fourth Industrial Revolution (4thIR) in Tanzania's digital economy. It focuses on leveraging emerging technologies such as Blockchain, AI, IoT, Big Data Analytics, Robotics, 5G, Nanotechnology, Edge Computing, Quantum Computing, and Cloud Computing. The project creates a collaborative ecosystem that brings together experts, researchers, entrepreneurs, and technology enthusiasts, fostering innovation and technology-driven initiatives. It supports research and development by providing

resources, infrastructure, and funding to transform ideas into tangible outcomes. Addressing the skills gap, the project offers training programs, workshops, and mentorship to enhance capabilities in emerging technologies. It facilitates adoption by connecting technology providers with industry stakeholders, fostering partnerships and commercialization opportunities. Continuous monitoring and evaluation ensure the project's effectiveness, incorporating stakeholder feedback to enhance its impact.



Project Objectives

To establish and operate a dynamic Technology Advancement Hub that serves as a catalyst for innovation and expedites the adoption of emerging technologies. By creating an ecosystem that nurtures collaboration, knowledge exchange, and practical application, the Technology Advancement Hub aims to empower individuals, organizations, and industries to embrace cutting-edge technologies, drive impactful innovations, and leverage the transformative potential of emerging technologies to fuel their growth and success.



Project Benefit

- ▀ Increased manufacturing and export;
- ▀ more than 5,000 employment opportunities
- ▀ Achieving the goal to become a regional ICT hub;
- ▀ Provide solutions to other sectors (financial, health, mining, agriculture, manufacturing, livelihood, etc);
- ▀ Enhanced Technology Adoption;
- ▀ Research and Development and encouraging innovations
- ▀ create a collaborative ecosystem where individuals, organizations, and industries can come together;



Opportunities for Investor

- ▀ Availability of Land to build;
- ▀ High Demand for digital goods and Services;
- ▀ Availability of young talented and entrepreneurship;
- ▀ Well established Institutional and legal framework;

Project Cost:	USD 50 Millions
Project Status:	Not Started
Financing Mode:	Government Subvention, Partnership, Donors Support
Description of Partnership:	Build Operate Transfer, Concessions
Contact Person:	Director General
Email:	DG@ictc.go.tz
Telephone:	+255 736 848 444

PROJECT 06

Cybersecurity Innovation Hub: A Centre for Excellence in Research, Development, and Innovation

03.

**PROJECT
NAME**

**Cybersecurity Innovation Hub: A Centre for
Excellence in Research, Development, and Innovation**

Responsible Sector ministry:

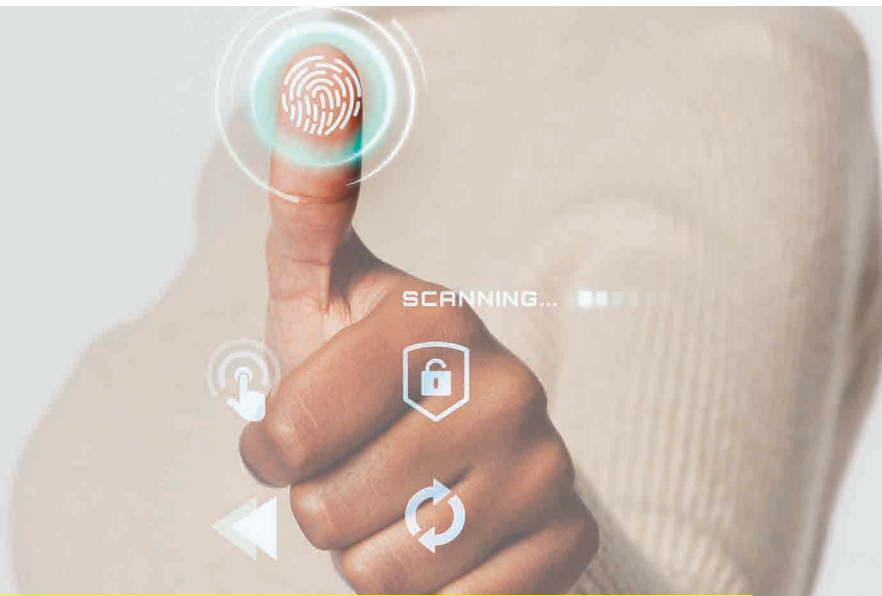
MICIT

Implementation Authority:

ICT Commission

Project Location:

Dar es Salaam



Project Description

Background

The main development challenges the project will address: The project aims to drive the Fourth Industrial Revolution (4thIR) in Tanzania's digital economy. It focuses on leveraging emerging technologies such as Blockchain, AI, IoT, Big Data Analytics, Robotics, 5G, Nanotechnology, Edge Computing, Quantum Computing, and Cloud Computing. The project creates a collaborative ecosystem that brings together experts, researchers, entrepreneurs, and technology enthusiasts, fostering innovation and technology-driven initiatives. It supports research and development by providing

resources, infrastructure, and funding to transform ideas into tangible outcomes. Addressing the skills gap, the project offers training programs, workshops, and mentorship to enhance capabilities in emerging technologies. It facilitates adoption by connecting technology providers with industry stakeholders, fostering partnerships and commercialization opportunities. Continuous monitoring and evaluation ensure the project's effectiveness, incorporating stakeholder feedback to enhance its impact.



Project Objectives

- ▶ To establish a world-class center for excellence in cybersecurity RDI;
- ▶ To accelerate the development and commercialization of new cybersecurity products and services;
- ▶ To develop a highly skilled workforce in cybersecurity and;
- ▶ To raise awareness of cybersecurity and promote best practices among businesses and individuals.



Project Benefit

- ▶ Enhanced National Security;
- ▶ Economic Growth and Stability;
- ▶ Innovation and Commercialization;
- ▶ Workforce Development;
- ▶ Research and Knowledge Sharing;
- ▶ International Recognition;
- ▶ PPP model ensures both public and private sector support, making it financially sustainable and more resilient and; raise awareness of cybersecurity best practices among businesses and individuals.



Opportunities for Investor

- ▶ Availability of Land to build;
- ▶ High Demand for digital goods and Services;
- ▶ Availability of young talented and entrepreneurship;
- ▶ Financial incentives: Tax breaks and exemptions
- ▶ Non-financial incentives:
 - Fast-track approval process for permits and licenses
 - Access to government data and infrastructure
 - Support in developing partnerships with local businesses and universities
 - Preferential treatment in government procurement

Project Cost:	USD 30 Millions
Project Status:	Not Started
Financing Mode:	Government Subvention, Partnership, Donors Support
Description of Partnership:	Build Operate Transfer, Concessions:
Contact Person:	Director General
Email:	DG@ictc.go.tz
Telephone:	+255 736 848 444



PROJECT 07

Tanzania Space Centre of
Excellence: Leading the
Future of Space
Research and
Innovation

03.

**PROJECT
NAME**

**Tanzania Space Centre of Excellence: Leading
the Future of Space Research and Innovation**

Responsible Sector ministry:

MICIT

Implementation Authority:

MICIT

Project Location:

Dar es Salaam



Project Description

Background

The main development challenges the project will address: The project aimed to do R&D and apply innovation in satellite design, manufacturing, and launching. It addresses socioeconomic challenges by driving sustainable growth, enhancing technology, and creating jobs. The centre focuses on applying space technology in sectors like agriculture and telecommunications, by utilizing satellite data for precision farming, Natural resource management, Disaster management and improving connectivity. The lab also emphasizes environmental monitoring and conservation, tracking deforestation and wildlife habitats. The ultimate vision of the project is to position Tanzania as a regional leader in space technology. Through fostering innovation, nurturing local talent, and forging strategic partnerships, the project aims to propel the country to the forefront of space research and development in the region. By driving positive socio-economic change, uplifting communities, and creating a better future for all Tanzanians, the lab strives to make a lasting impact on the nation's development journey.



Project Objectives

To promote innovation in space technology and satellite design and manufacturing, while addressing key socio-economic issues for a better future. By leveraging space research and development, the project aims to contribute to sustainable economic growth, enhance technological capabilities, create employment opportunities, and improve various sectors such as agriculture, telecommunications, disaster management, and environmental monitoring. Through this innovation-driven approach, the lab seeks to advance Tanzania's socio-economic landscape and position the country as a regional leader in space technology and its applications for the betterment of society.



Project Benefit

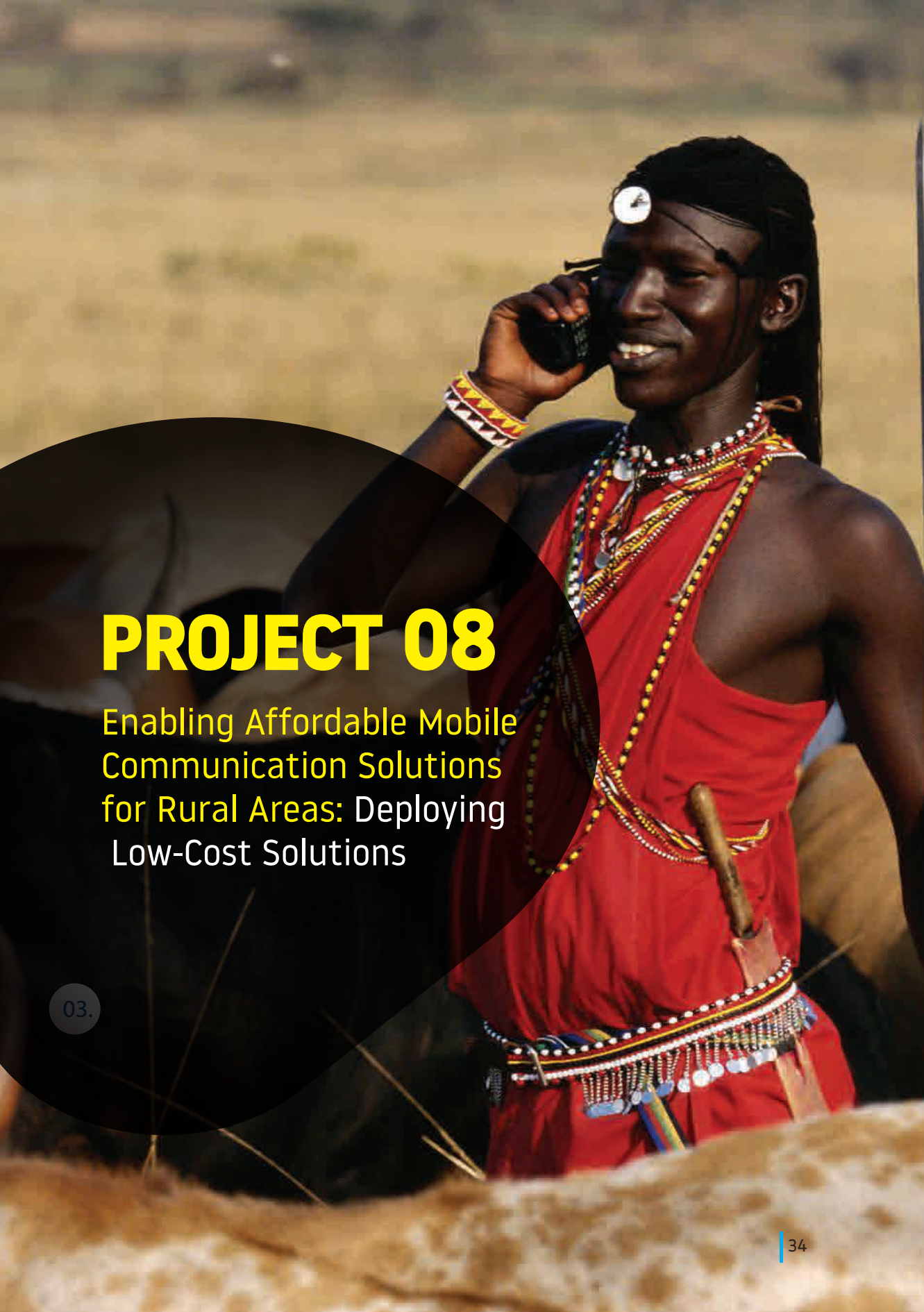
- ▶ Job creation 1,000 Jobs directly indirectly more than 10,000
- ▶ Provide solutions to other sectors (mining, agriculture, Tourism, etc);
- ▶ Enhanced Technology Adoption;
- ▶ Research and Development foster innovation and nurture local talent,;
- ▶ Enhanced technological capabilities
- ▶ To position Tanzania as a regional leader in space technology and its applications.



Opportunities for Investor

- ▶ Availability of Land to build;
- ▶ High Demand for digital goods and Services;
- ▶ Availability of young talented and entrepreneurship;
- ▶ Well established Institutional and legal framework

Project Cost:	USD 150 Million
Project Status:	Not Started
Financing Mode:	Government Subvention, Partnership, Donors Support
Description of Partnership:	Build Operate Transfer, Concessions
Contact Person:	Permanent Secretary
Email:	Ps@mawasiliano.go.tz
Telephone:	+255 262 324 513

A photograph of a man in traditional red clothing and beaded jewelry, smiling while talking on a mobile phone. The background is a blurred natural setting. A large black circle is overlaid on the left side of the image, containing the project title and description.

PROJECT 08

Enabling Affordable Mobile
Communication Solutions
for Rural Areas: Deploying
Low-Cost Solutions

03.

**PROJECT
NAME**

**Enabling Affordable Mobile Communication
Solutions for Rural Areas: Deploying Low-Cost Solutions**

Responsible Sector ministry:

MICIT

Implementation Authority:

Universal Communications Service Access Fund

Project Location:

Country wide



Project Description

Background

The main development challenges the project will address: Advances in networking technologies provide some unique opportunities for developing countries. Similarly, low-cost networked information technologies, such as the Internet, can be used to facilitate political and community participation. Equally important, social services - such as health care and education - can now be provided via satellite on a much more cost-effective basis. Mobile Internet brings a wide range of social and economic benefits by helping to promote digital inclusion and supporting the delivery of essential services, such as mobile money, mobile agricultural services as well as mobile-enabled health and education services. Additionally, there is evidence that the countries with high levels of mobile connectivity have made the most progress in meeting their commitments to the United Nations Sustainable Development Goals (SDGs).

The Telephone and Internet penetration in the URT stands at 92% and 52% respectively, the goal is to reach 100% and 80% respectively by 2025. Most of the areas in which still do not have broadband coverage are remote and mainly in disadvantaged areas, especially rural areas. Despite the growth in mobile telephony, and the diversity of services, many populations especially those in rural areas do not yet enjoy the benefits of mobile services due to lack of mobile coverage. Using this opportunity of collaboration, having in place low-cost technologies for rural mobile coverage will enhance telephone and broadband coverage by using relatively lower costs to cover broadband more extensively in the country.



By the end of 2019, mobile internet adoption stood at

26%

in Sub-Saharan Africa

Telephone and Internet penetration in the URT stands at

80% and 43%

respectively

The Goal is to reach

100 and 80%

respectively by 2025



Project Objectives

To increase accessibility to Digital services (financial services, agricultural services, health, and education services).



Project Benefit

- ▶ Job creation
- ▶ Increased access to e-Services while providing solutions to other sectors (Financial, agriculture, Tourism, health, education etc.);
- ▶ Increase mobile telephone and Broadband penetration
- ▶ Bridge the gap “urban/rural” Digital Divide in terms of availability, Affordability, and broadband.
- ▶ Increase Government revenue



Opportunities for Investor

- ▶ Well-established Universal Communications Access Fund;
- ▶ Well-established institution and legal framework;
- ▶ Government support for Broadband initiative;
- ▶ Well-developed and seamless High National ICT Fiber Backbone;
- ▶ No barriers to broadband build-out and access to broadband networks;
- ▶ Evolving Broadband Penetration;
- ▶ One of the highest Population Access to electricity in Africa.

Project Cost:	USD 250 Million
Project Status:	Partly implemented
Financing Mode:	Government Subvention, Partnership, Donors Support
Description of Partnership:	Build Operate Transfer, Concessions
Contact Person:	Chief Executive Officer
Email:	CEO@ucsaf.go.tz
Telephone:	+255 262 965 771



PROJECT 09

Bridging the Healthcare Gap:
Integrating Telemedicine for
Sustainable Health care
in Rural Tanzania

03.

**PROJECT
NAME**

**Bridging the Healthcare Gap: Integrating
Telemedicine for Sustainable Health care in Rural Tanzania**

Responsible Sector ministry:

MICIT

Implementation Authority:

Universal Communications Service Access Fund

Project Location:

Selected wards in Tanzania Mainland
and Zanzibar



Project Description

Background

The main development challenges the project will address: The proposed ICT investment project "Bridging the Healthcare Gap: Integrating Telemedicine for Sustainable Health care in Rural Tanzania" has the potential to significantly improve access to healthcare for underserved communities in Tanzania. The project would involve the development and implementation of a telemedicine network, which would allow healthcare providers in rural areas to consult with specialists remotely. This would improve the quality of care available to rural patients and reduce the need for them to travel long distances to access specialist care.

The project is well-designed and has the support of the Tanzanian government and the Ministry of Health. The project has a clear budget and a timeline for implementation. The project is also aligned with the Tanzanian government's National Health Strategy, which aims to improve access to healthcare for all Tanzanians.



Project Objectives

- ▶ Establishing a Telemedicine Network: Install telemedicine equipment in rural health facilities and provide comprehensive training to healthcare workers in telemedicine practices;
- ▶ Formulating Telemedicine Protocols: Develop protocols for remote consultations, patient care, and efficient data management within the telemedicine framework.
- ▶ Executing a Telemedicine Referral System: Implement a systematic approach for referring patients from rural health facilities to specialized care in urban hospitals through telemedicine channels;



Project Benefit

- ▶ Reduced health costs to government and citizen;
- ▶ Improved access to healthcare for underserved communities;
- ▶ Improved quality of care;
- ▶ Improved health outcomes;
- ▶ Job Creation 200;
- ▶ Empowering citizens.



Opportunities for Investor

- ▶ Availability of Government Internet Bandwidth;
- ▶ Availability of National Backbone Facilities;
- ▶ Social impact investment;
- ▶ Positive brand association;
- ▶ Partnership with the Tanzanian government;

Project Cost:	USD 55 Million
Project Status:	Not Started
Financing Mode:	Government Subvention, Partnership, Donors Support
Description of Partnership:	Build Operate Transfer, Concessions
Contact Person:	Chief Executive Officer
Email:	CEO@ucsaf.go.tz
Telephone:	+255 262 965 771



PROJECT 10

C4A: A Nationwide Initiative for Free WiFi Access in Public Spaces and Educational Institutions

03.

**PROJECT
NAME**

**C4A: A Nationwide Initiative for Free WiFi
Access in Public Spaces and Educational Institutions**

Responsible Sector ministry:

MICIT

Implementation Authority:

Tanzania Telecommunications Corporation

Project Location:

Selected wards in Tanzania Mainland
and Zanzibar



Project Description

Background

The main development challenges the project will address: The primary goal of the project is to provide accessible and free digital services to the general public and students across the country. In a world increasingly reliant on digital connectivity, Tanzania recognizes the pressing need to bridge the digital divide within its borders. The "Connectivity For All" project, abbreviated as C4A, is a bold and forward-thinking initiative aimed at bringing free WiFi access to the heart of the nation.

With a vision to empower every citizen, from bustling markets to quiet libraries, from busy bus terminals to remote public educational facilities, C4A strives to connect the unconnected.

This initiative acknowledges that a lack of resources should never be a barrier to learning. Through free WiFi access, it aims to enhance the educational opportunities for students across the nation.

The "C4A" project invites partners and investors to join us in this noble endeavour. Together, we can make a tangible difference in the lives of Tanzanians, fostering digital inclusion, educational empowerment, and ultimately, contributing to the country's growth and prosperity. Through the power of connectivity, we can build a brighter future for Tanzania.



Project Objectives

- ▶ **Universal Digital Access:** To ensure that every Tanzanian, regardless of their location or economic status, can access the wealth of knowledge available on the internet.
- ▶ **Education Empowerment:** In addressing the challenge of access to educational resources, particularly science and mathematics textbooks.
- ▶ **Academic Success:** To improve performance in STEM subjects, it aims to cultivate a generation of skilled individuals who can contribute effectively to the nation's scientific and technological advancement



Project Benefit

- ▶ Increased Digital Literacy and Skills;
- ▶ Improved Access to Government Services and Resources
- ▶ Bridging the digital divide
- ▶ Empowering citizens
- ▶ Enhancing education
- ▶ Promoting STEM education



Opportunities for Investor

- ▶ Revenue Generation through the Marketing and advertising and selling of solution;
- ▶ Availability of Government Internet Bandwidth;
- ▶ Availability of National Backbone Facilities
- ▶ Social impact investment;
- ▶ Positive brand association;
- ▶ Partnership with the Tanzanian government;
- ▶ Potential for future growth:

Project Cost:	USD 150 Million
Project Status:	Not Started
Financing Mode:	Government Subvention, Partnership, Donors Support
Description of Partnership:	Build Operate Transfer, Concessions
Contact Person:	Director General
Email:	info@ttcl.co.tz
Telephone:	+255 22 214 2000



PROJECT 11

Enhancing Local Digital
Ecosystems: Establishing ICT
Community Centres
for Wards

03.

**PROJECT
NAME**

Enhancing Local Digital Ecosystems: Establishing ICT Community Centres for Wards

Responsible Sector ministry:

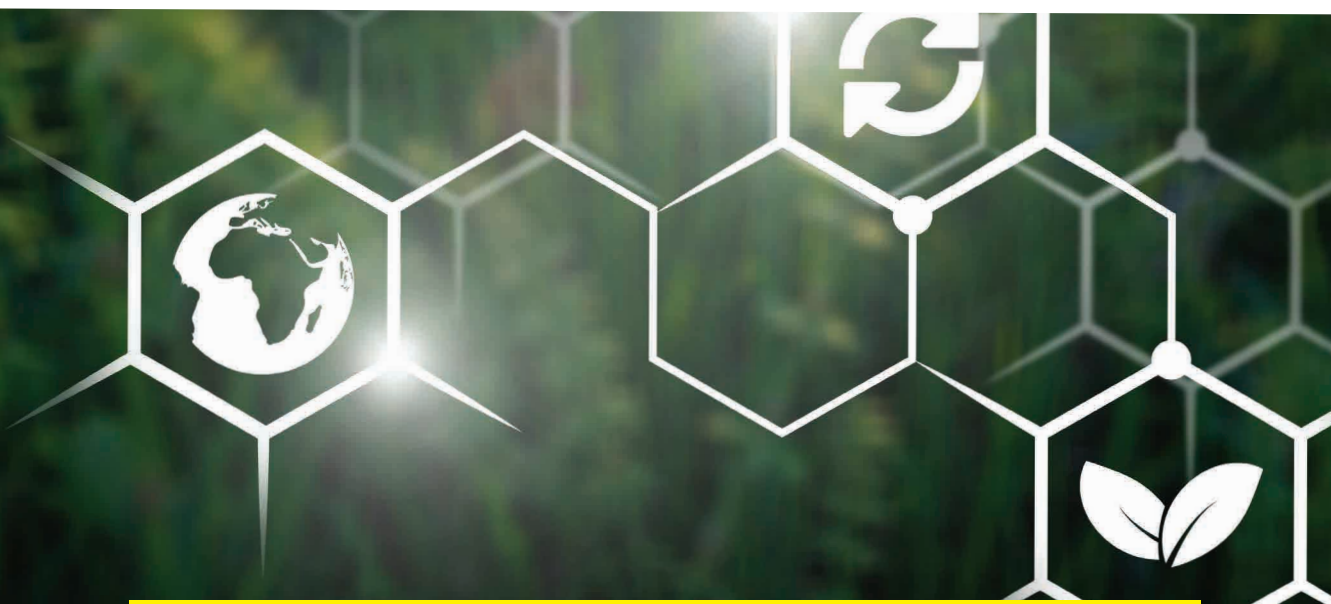
Ministry of Health

Implementation Authority:

Universal Communications Service Access Fund

Project Location:

Selected wards in Tanzania Mainland
and Zanzibar



Project Description

Background

The main development challenges the project will address: The project acts as a catalyst for socioeconomic development. These centres play a vital role in promoting digital inclusion by empowering individuals with digital skills and facilitating access to information and government services. Additionally, they foster innovation and entrepreneurship while creating a sense of community among residents. By bridging the digital divide and promoting digital literacy, these centres contribute significantly to the overall growth and development of the community.



Project Objectives

The objective of the project is to serve as hubs for training, resource access, and connectivity, to empower individuals and communities to participate in the digital economy and contribute to the overall development of their local areas. The project aims to drive rural area development through the use of ICT in education, commerce, and governance, while also spearheading the establishment of local e-marketplaces or one-stop shops for e-commerce, e-learning, and e-government services.



Project Benefit

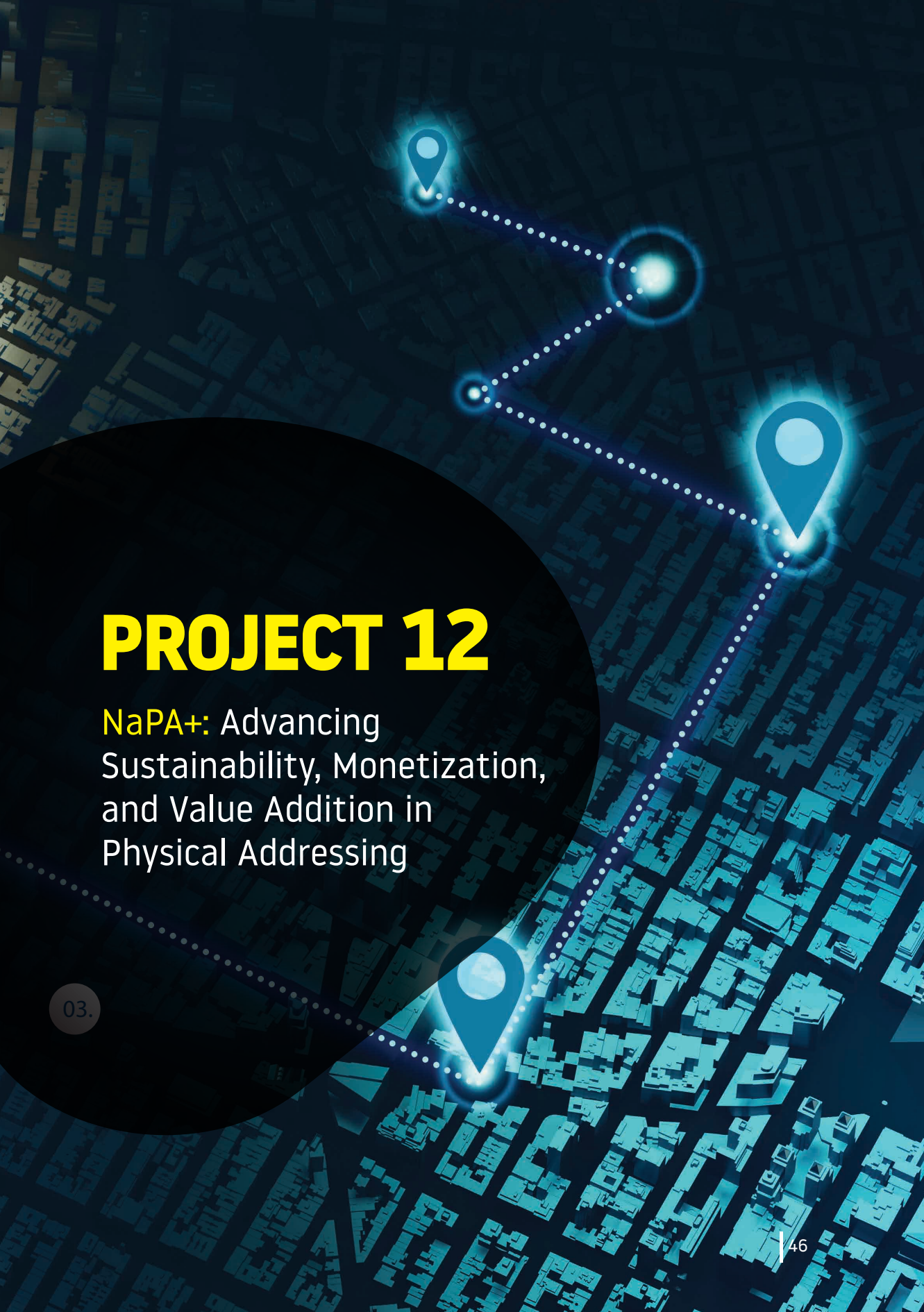
- Increased Digital Literacy and Skills;
- Reduced Digital Divide
- Improved Access to Government Services and Resources
- Enhanced Socio-Economic Development
- Strengthened Community Collaboration and Networking
- Expanded Educational Opportunities through E-Learning
- Improved Digital Citizenship Awareness
- Effective Utilization of Government Initiatives
- Sense of Community Engagement and Participation



Opportunities for Investor

- Revenue Generation through the selling of solution
- New markets
- Provide solutions to more than 2000 centers
- Potential to replicate the project in the EAC and SADC regions

Project Cost:	500 million in five years
Project Status:	Not Started
Financing Mode:	Government Subvention, Partnership, Donors Support
Description of Partnership:	Build Operate Transfer, Concessions
Contact Person:	Chief Executive Officer
Email:	CEO@ucsaf.go.tz
Telephone:	+255 262 965 771



PROJECT 12

NaPA+: Advancing
Sustainability, Monetization,
and Value Addition in
Physical Addressing

**PROJECT
NAME**

NaPA+: Advancing Sustainability, Monetization, and Value Addition in Physical Addressing

Responsible Sector ministry:

MICIT

Implementation Authority:

MICIT

Project Location:

Country wide



Project Description

Background

The main development challenges the project will address: The NaPA+ project aims to transform the National Physical Addressing (NaPA) system into a self-sustaining entity by optimizing operational efficiency, implementing innovative monetization models, and introducing value-added services. The project focuses on enhancing NaPA's value proposition through additional features and collaboration with stakeholders.

Robust governance, financial strategies, and strategic partnerships will ensure long-term sustainability and diversified revenue streams. This project seeks to create an addressing system that meets accuracy requirements, fuels economic growth, and contributes to the success of the national addressing ecosystem.



Project Objectives

- ▶ To enhance the sustainability and monetization potential of NaPA by leveraging its physical infrastructure and database systems. The primary goal is to establish NaPA as a self-sustaining entity capable of generating revenue through innovative strategies and value-added services.

Existing Core Competence:

- ▶ Availability of sound Addressing system Infrastructure and Database system
- ▶ Availability of local developers
- ▶ Integration with payment systems



Project Benefit

- ▶ Job creation more than 10,000
- ▶ Increased access to e-Services while providing solutions to other sectors (Financial, agriculture, Tourism, health, education etc.);
- ▶ Increase customer base and creating Revenue;
- ▶ Improved logistics and courier services;
- ▶ Improve Quality of Service and Quality of Life;
- ▶ Increased operational Efficiency and sustainability



Opportunities for Investor

- ▶ High demand for values added solution ie Fintech solutions
- ▶ The need for e-commerce services
- ▶ Logistics and courier services
- ▶ Marketing and Advertising
- ▶ Customer services

Project Cost:	USD 150 Million
Project Status:	Not Started
Financing Mode:	Government Subvention, Partnership, Donors Support
Description of Partnership:	Build Operate Transfer, Concessions
Contact Person:	Permanent Secretary
Email:	Ps@mawasiliano.go.tz
Telephone:	+255 262 324 513



PROJECT 13

A Gigabit Nation –
Empowering Homes
with FTTH & 4G

03.

**PROJECT
NAME**

**A Gigabit Nation – Empowering Homes
with FTTH & 4G**

Responsible Sector ministry:

MICIT

Implementation Authority:

Tanzania Telecommunications Corporation

Project Location:

All Municipals and Districts as well as all
CBD areas countrywide



Project Description

Background

The main development challenges the project will address: ConnectTanzania is a transformative initiative aiming to bridge the digital divide in Tanzania by deploying Fiber-to-the-Home (FTTH) solutions and 4G fixed wireless networks across all municipals and districts. The project involves installing fibre optic cables directly to homes and establishing reliable wireless networks for seamless and high-speed internet connectivity. By providing fast and reliable internet access, ConnectTanzania enables e-commerce, online education, healthcare services, digital governance, and global connectivity.

It also stimulates local entrepreneurship, attracts investments, and promotes economic growth. Collaboration between government agencies, telecommunications companies, and technology providers is essential for successful implementation, involving meticulous planning, infrastructure development, installation, and maintenance. ConnectTanzania positions Tanzania as a digitally inclusive nation, empowering communities and driving socio-economic progress. It sets the foundation for future digital advancements, allowing Tanzania to leverage the full potential of the digital age for innovation, productivity, and prosperity in all municipals and districts.



Project Objectives

- ▶ To ensure equitable access to high-speed internet connectivity in all municipals and districts across Tanzania through the widespread deployment of Fiber-to-the-Home (FTTH) solutions and 4G fixed wireless networks. By eliminating the digital divide, the project aims to foster inclusive socio-economic development, empower communities, and drive digital innovation and inclusion throughout the country.



Existing Core Competence:

- ▶ Leading fixed telecom operator
- ▶ Leading capacity and fixed data service operator to government and institutions, local banks, and telco operators (local & neighboring countries)
- ▶ Availability of high-speed National Backbone
- ▶ All 6 major cities and 90% of towns have metro fiber in CBD areas
- ▶ 4G sites have been deployed to 6 major cities
- ▶ Availability of both Network and spectrum resources
- ▶ Physical administration and service centre offices and human resources to all districts and municipals
- ▶ With roaming traffic areas for investment with enough traffic can be identified.



Project Benefit

- ▶ Job creation
- ▶ Increased access to e-Services while providing solutions to other sectors (Financial, agriculture, Tourism, health, education etc.);
- ▶ Increase customer base and Revenue
- ▶ Revenue Sharing with Investor
- ▶ Improve Quality of Service and Quality of Life
- ▶ Increase Efficiency and Transparency



Opportunities for Investor

- ▶ Fixed broadband penetration is less than 1% in Tanzania hence giving leverage to a new investor in the market
- ▶ There are less than 5,000 FTTH connections countrywide
- ▶ Already existing customers, not starting from scratch;
- ▶ 3 million mobile customers and 1 million FTTH customers
- ▶ Infrastructure development and regions expansion
- ▶ Deployment of fast mobile wireless broadband to challenging location

Project Cost:	USD 150 Million
Project Status:	Partially started
Financing Mode:	Government Subvention, Partnership, Donors Support
Description of Partnership:	Build Operate Transfer, Concessions
Contact Person:	Director General
Email:	info@ttcl.co.tz
Telephone:	+255 22 214 2000

A photograph of two women in a workshop or office environment. The woman on the left, with dark curly hair and wearing a light blue shirt, is smiling and pointing towards a laptop screen. The woman on the right, wearing an orange headwrap and a white shirt, is also smiling and looking at the screen. In the foreground, there is a laptop, some papers, and a small white cake with colorful decorations. The background shows some colorful posters or charts on the wall.

PROJECT 14

Tanzania's Digital
Transformation:
Empowering Citizens
with Seamless
E-Commerce and
Beyond

03.

**PROJECT
NAME**

**Tanzania's Digital Transformation: Empowering
Citizens with Seamless E-Commerce and Beyond**

Responsible Sector ministry:

MICIT

Implementation Authority:

ICT Commission

Project Location:

Countrywide



Project Description

Background

The main development challenges the project will address: The project aims to address challenges in traditional payment systems and promote the adoption of digital payment solutions, providing a secure platform for online transactions and encouraging businesses and consumers to embrace e-commerce and digital payments. By facilitating a shift towards cashless transactions, it aims to reduce reliance on physical currency, streamline financial processes, and promote transparency.

Additionally, the project seeks to enhance financial inclusion by ensuring access to digital payment solutions for underserved populations, empowering individuals to participate in the digital economy and access a wider range of financial services. Ultimately, the project strives to create an integrated e-commerce ecosystem that drives economic growth, fosters innovation, and establishes a foundation for a cashless economy. Through digital transformation and advanced payment technologies, it aims to unlock new opportunities, stimulate entrepreneurship, and propel the country towards a more efficient and inclusive financial system.



Project Objectives

- ▀ To drive digital transformation and establish an integrated e-commerce ecosystem that facilitates a transition to a cashless economy. By leveraging technology, the project aims to enhance financial inclusivity,
- ▀ promote secure and convenient online transactions, and foster economic growth. The project seeks to develop and implement key components
- ▀ such as a National Payments Gateway, e-wallet systems, digital currency infrastructure, and advanced money technology solutions to enable seamless digital transactions and empower businesses and individuals to embrace cashless payment methods.



Project Benefit

- ▀ Job creation 10,000
- ▀ Transform the society into cash less economy
- ▀ Increase Revenue, Efficiency and Transparency
- ▀ The project has the potential to create new jobs and opportunities in the financial technology sector;
- ▀ Improve Quality of Life
- ▀ Increase Efficiency and Transparency



Opportunities for Investor

- ▀ The potential market of 400 million population
The Tanzanian market is ripe for the development of digital payment solutions;
- ▀ The project has the potential to tap into a growing market for e-commerce;
- ▀ Tax incentives

Project Cost:	USD 25 Million
Project Status:	Not Started
Financing Mode:	Government Subvention, Partnership, Donors Support
Description of Partnership:	Build Operate Transfer, Concessions
Contact Person:	Director General
Email:	DG@ictc.go.tz
Telephone:	+255 736 848 444



PROJECT 15

Managing E-Waste in
a Sustainable Way: The
Key to a Greener Future

03.

PROJECT
NAME

Managing E-Waste in a Sustainable Way: The Key to a Greener Future

Responsible Sector ministry:

MICIT

Implementation Authority:

ICT Commission

Project Location:

Country wide



Project Description

Background

The main development challenges the project will address: project aims to establish comprehensive and sustainable e-waste management systems, focusing on efficient collection, recycling, and disposal methods. Through collaboration with government bodies, recycling industries, and electronics manufacturers, the project ensures effective implementation of e-waste management practices. Raising awareness and providing education through campaigns and workshops, as well as promoting research and innovation, are key components of the project.

The ultimate goal is to minimize the environmental impact of e-waste, implement sustainable strategies, and set a global benchmark for responsible electronic waste management, leading to a greener and more sustainable future. The project envisions a world where electronic waste is efficiently managed, resources are recovered, and the environmental footprint of electronic devices is significantly reduced, contributing to a sustainable and greener future for generations to come. The project will have the following phases of implementation: -



Phase 1:

(1 year) This phase will focus on raising awareness of the environmental and health impacts of e-waste and encouraging people to recycle and dispose of e-waste properly.

Phase 2:

(2 years) This phase will focus on developing new technologies and methods for recycling and recovering valuable materials from e-waste.

Phase 3:

(2 years) This phase will focus on creating a more circular economy for e-waste and building partnerships with governments, businesses, and other organizations to promote sustainable e-waste management.



Project Objectives

- ▶ To develop and implement sustainable strategies for effectively managing e-waste, with the aim of minimizing environmental impact and promoting a greener future.



Project Benefit

- ▶ Protecting the environment from the harmful effects of e-waste.
- ▶ Reducing the amount of waste sent to landfills and incinerators.
- ▶ Recovering valuable materials from e-waste.
- ▶ Promoting a more sustainable future for our planet.
- ▶ Creation of employment and increased entrepreneurial opportunities;
- ▶ Promoting a more sustainable future for our planet.
- ▶ Increase awareness on e-waste hazards;



Opportunities for Investor

- ▶ Revenue Generation through the selling of Recovering valuable materials from e-waste.
- ▶ New markets;
- ▶ Tax exception

Project Cost:	USD 25 Million
Project Status:	Not Started
Financing Mode:	Government Subvention, Partnership, Donors Support
Description of Partnership:	Build Operate Transfer, Concessions
Contact Person:	Director General
Email:	DG@ictc.go.tz
Telephone:	+255 736 848 444

PROJECT 16

Tanzania Indian
Coastline: Integrated
Marine Resource

03.



**PROJECT
NAME**

Tanzania Indian Coastline: Integrated Marine Resource

Responsible Sector ministry:

Ministry of Tourism and Natural resources

Implementation Authority:

MICIT

Project Location:

Tanzania Indian Ocean Coastline



Management and Blue Tourism Digital Platform

Project Description

Background

Tanzania's long coastline (1,424 km) offers significant opportunities for blue economy development, which encompasses all economic activities related to oceans, seas, and coastal areas (fishing, aquaculture, tourism, shipping, renewable energy). Digital technologies (blue techies) will play a major role in supporting the development of a sustainable blue economy in Tanzania by improving marine resource management efficiency and sustainability, promoting responsible tourism, and supporting new blue economy sectors development. This project aims to develop a digital platform to support integrated marine resource management and blue tourism development in Tanzania.

The platform will provide a central repository for marine resources and ecosystems data, as well as tools for fishermen, aquaculture farmers, tourism operators, and government officials to manage their activities and make informed decisions. The data collected will be analyzed to provide insights into marine ecosystems' status and human activities' impacts. The information will be used to develop and implement management measures to protect marine resources and ensure their sustainable use. This project will develop a blue tourism information system and mobile app to promote responsible tourism and support the sustainable development of Tanzania's blue tourism sector. The system will provide tourists with information about sustainable and culturally sensitive tourism activities, while the mobile app will help them connect with local businesses and communities.



Project Objectives

- ▶ To create a digital platform to enhance the management of sustainable fishing and aquaculture practices.
- ▶ To implement marine sensors and data analytics to optimize the management of marine resources.
- ▶ To develop a comprehensive blue tourism information system and mobile application to promote sustainable tourism in coastal regions.



Project Benefit

- ▶ Improve the efficiency of fishing and aquaculture operations through the use of real-time data and analytics;
- ▶ Reduce the environmental impact of fishing and aquaculture practices;
- ▶ Promote sustainable tourism by providing tourists with information about sustainable activities and connecting them with local businesses and communities;
- ▶ Develop new blue economy sectors, such as offshore renewable energy and marine biotechnology;
- ▶ Job creation
- ▶ Improve revenue



Opportunities for Investor

- ▶ Significant financial returns
- ▶ Positive impact on the sustainable development of Tanzania's blue economy
- ▶ Support from the Tanzanian government, including incentives
- ▶ High potential for success
- ▶ Contribution to the development of Tanzania's blue economy

Project Cost:	USD 35 million
Project Status:	Available low-quality Studio in Dar es Salaam
Financing Mode:	Government Subvention, Partnership, Donors Support
Description of Partnership:	Build Operate Transfer, Concessions
Contact Person:	Permanent Secretary
Email:	Ps@mawasiliano.go.tz
Telephone:	+255 262 324 513-



PROJECT 17

Unlocking Tanzania's
Natural Beauty:
e-Tourism and the
Serengeti Virtual Reality
Project

03.

**PROJECT
NAME**

**Unlocking Tanzania's Natural Beauty:
e-Tourism and the Serengeti Virtual Reality Project**

Responsible Sector ministry:

Ministry of Tourism and Natural resources

Implementation Authority:

MICIT

Project Location:

Serengeti National Park and other parks



Project Description

Background

Tanzania, a land of stunning natural beauty and rich cultural heritage, has long been a prime destination for travellers seeking adventure and wildlife experiences. The iconic Serengeti National Park, in particular, stands as a testament to the splendour of Africa's diverse ecosystems and magnificent wildlife. In a world increasingly interconnected by technology, the potential to unlock Tanzania's natural beauty through Information and Communication Technology (ICT) presents an exciting opportunity.

The "Unlocking Tanzania's Natural Beauty: e-Tourism and the Serengeti Virtual Reality Project" aims to harness the power of ICT to promote, preserve, and enhance Tanzania's natural treasures, with a primary focus on the Serengeti National Park. This transformative initiative will achieve a multitude of objectives designed to revitalize the region's tourism industry, advance conservation efforts, and foster economic development.



Project Objectives

- ▶ To leverage Information and Communication Technology (ICT) to enhance the promotion, accessibility, and conservation of Tanzania's natural beauty, with a specific focus on the iconic Serengeti National Park. Other objectives include,
- ▶ Create an exciting virtual tour of the Serengeti to attract global tourists and boost interest;
- ▶ Grow tourism, increase revenue, and support local businesses through online tourism efforts;
- ▶ Educate about wildlife conservation within the virtual experience for ecosystem protection;
- ▶ Invest in internet and VR tech for remote Tanzania, aiding local growth and jobs;
- ▶ Use data analysis to enhance the tourism experience and park management;
- ▶ Involve local communities for content creation and guiding, promoting sustainable development;
- ▶ Collaborate with partners and organizations to ensure project success and;
- ▶ Make the virtual tour inclusive for all, including people with disabilities



Project Benefit

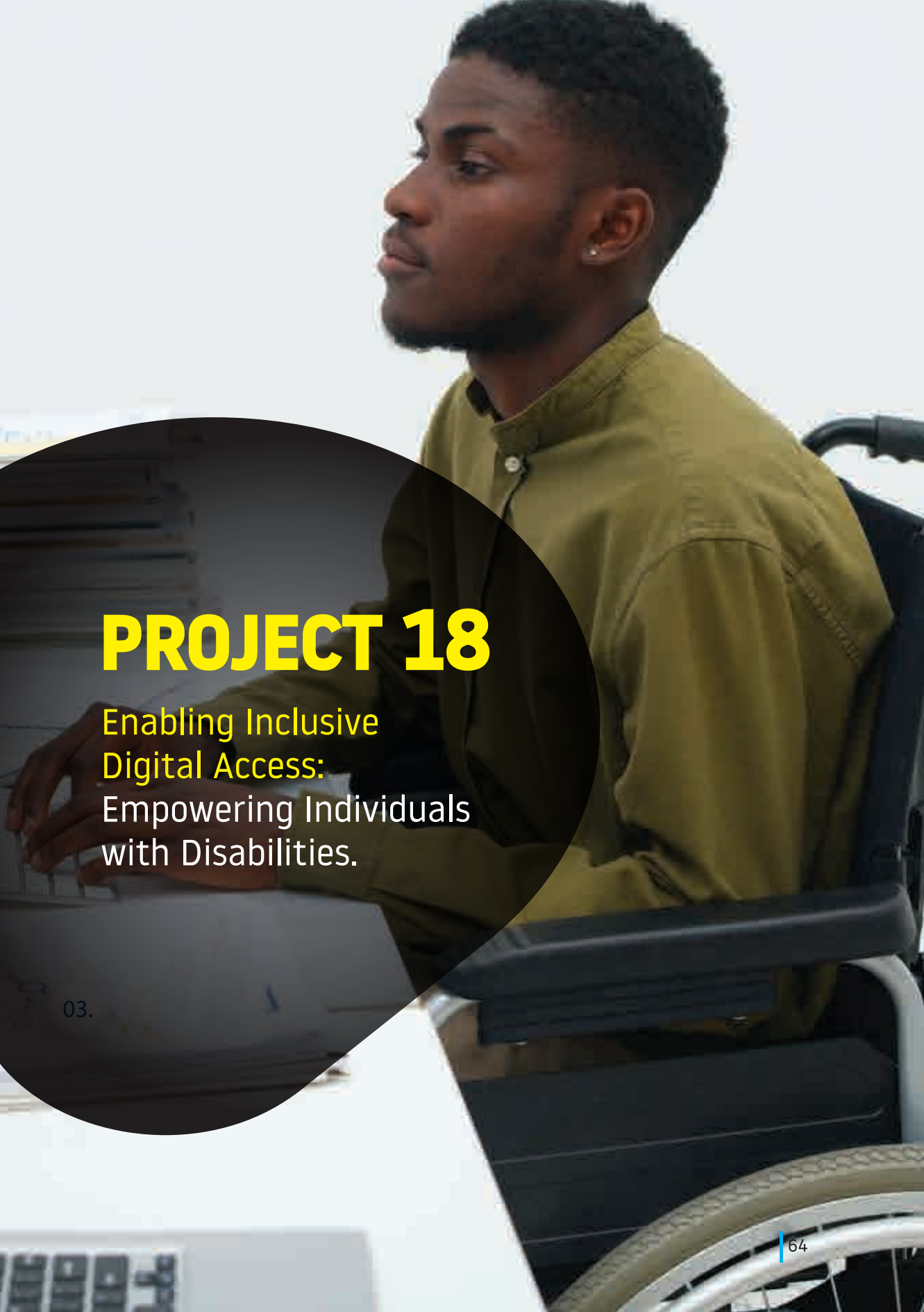
- ▶ Enhanced tourism promotion and accessibility;
- ▶ Increased tourism revenue and local economic development;
- ▶ Wildlife conservation education;
- ▶ Improved internet and VR access in remote Tanzania;
- ▶ Enhanced tourism experience and park management;
- ▶ Sustainable community development and;
- ▶ Inclusive tourism.



Opportunities for Investor

- ▶ Shared revenue generated;
- ▶ Get revenue out of digital advertisement;
- ▶ Get revenue through sell of digital contents;
- ▶ Partnership and Collaboration;
- ▶ Developing and marketing the Serengeti virtual reality tour;
- ▶ Availability of

Project Cost:	USD 35 Million
Project Status:	Not Started
Financing Mode:	Government Subvention, Partnership, Donors Support
Description of Partnership:	Build Operate Transfer, Concessions
Contact Person:	Permanent Secretary
Email:	Ps@mawasiliano.go.tz
Telephone:	+255 262 324 513

A young Black man with short dark hair and a light beard is seated in a wheelchair, looking intently at a laptop screen. He is wearing a green button-down shirt. The background is a plain, light-colored wall. A large, dark circular graphic is overlaid on the left side of the image, containing the project title and description.

PROJECT 18

Enabling Inclusive
Digital Access:
Empowering Individuals
with Disabilities.

03.

**PROJECT
NAME**

**Enabling Inclusive Digital Access:
Empowering Individuals with Disabilities.**

Responsible Sector ministry:

MICIT

Implementation Authority:

Universal Communications Service Access Fund

Project Location:

Tanzania



Project Description

Background

In today's increasingly digital world, accessibility to technology is vital for full participation in society. However, individuals with disabilities often face significant barriers in accessing and utilizing digital resources. "Enabling Inclusive Digital Access: Empowering Individuals with Disabilities" is a comprehensive initiative aimed at bridging this digital divide. By developing and implementing accessible websites, mobile apps, and digital tools, as well as providing affordable devices and digital literacy programs, this project seeks to empower individuals with disabilities. Additionally, it advocates for policy changes and raises

awareness to ensure that digital inclusion becomes a fundamental aspect of society, fostering equal opportunities for all. and mobile accessibility, online content, digital learning resources, employment tools, and affordable devices, this initiative enables individuals to participate more actively in the digital age. Furthermore, it supports mentorship programs, research, and development of innovative assistive technologies while advocating for inclusive policies and practices in both the public and private sectors. Together, these efforts aim to break down the barriers that individuals with disabilities face and promote digital inclusion as a fundamental right.



Project Objectives

- ▶ To promote digital inclusion for people with disabilities by developing and implementing accessible digital solutions and programs. Specific objectives include,
- ▶ Develop and maintain accessible websites and mobile apps for people with disabilities, using accessible design principles and providing features such as text-to-speech, screen magnification, and keyboard navigation;
- ▶ Create accessible online content, such as videos with captions and transcripts, and documents with alternative text;
- ▶ Develop and maintain accessible digital learning platforms and resources.
- ▶ Develop and maintain accessible digital tools for employment, such as job boards, resume builders, and interview preparation tools;
- ▶ Make public spaces more accessible by providing accessible computers and other devices in libraries, community centers, and other public places;
- ▶ Provide digital literacy training programs for people with disabilities, teaching them basic computer skills and how to use assistive technology and;
- ▶ Ensure all public and private website are accessible to people with disability;
- ▶ Provide device.



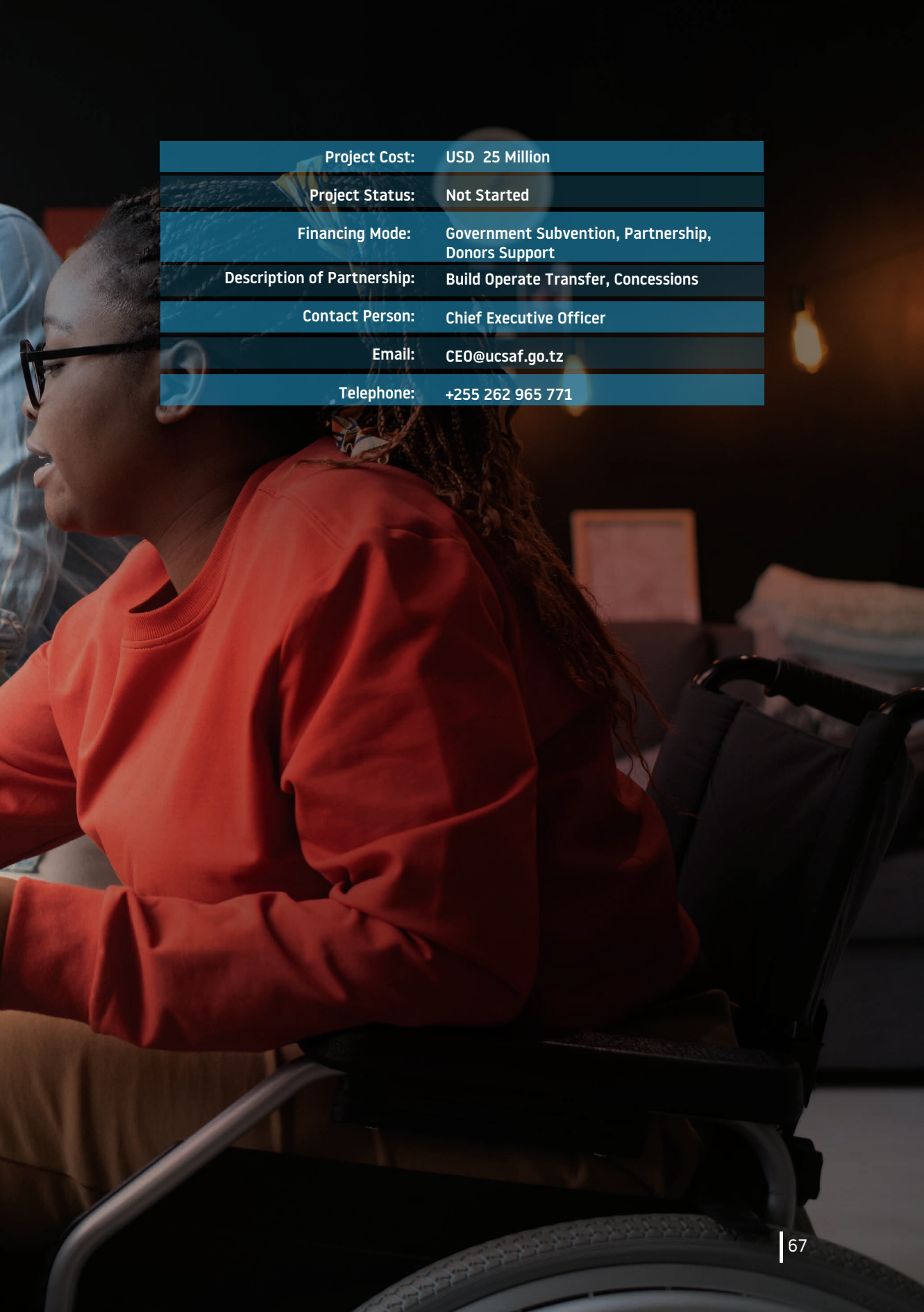
Project Benefit

- ▶ Increased access to education and employment opportunities;
- ▶ Enhanced social participation/Inclusion and communication;
- ▶ Increased economic productivity;
- ▶ Improved quality of life;
- ▶ Reduced social and economic inequality;
- ▶ Raising awareness of digital accessibility;
- ▶ Promoting innovation in assistive technology;
- ▶ Building a more inclusive society and;
- ▶ Policy Changes.



Opportunities for Investor

- ▶ Financial incentives and Tax breaks for businesses that develop and implement accessible digital solutions;
- ▶ Public-private partnerships to develop and deliver digital literacy training programs for people with disabilities;
- ▶ Subsidies to help people with disabilities purchase accessible devices;
- ▶ Regulations that mandate accessibility in all government websites and services;
- ▶ Government campaigns to raise awareness of digital accessibility among the public and private sectors;
- ▶ Access to government data and expertise;
- ▶ Opportunities to pilot innovative digital inclusion solutions with government agencies.



Project Cost:	USD 25 Million
Project Status:	Not Started
Financing Mode:	Government Subvention, Partnership, Donors Support
Description of Partnership:	Build Operate Transfer, Concessions
Contact Person:	Chief Executive Officer
Email:	CEO@ucsaf.go.tz
Telephone:	+255 262 965 771



PROJECT 19

Capacity
Enhancement of
Tanzania Safari Channel

03.

**PROJECT
NAME**

**Capacity Enhancement of
Tanzania Safari Channel**

Responsible Sector ministry:

MICIT

Implementation Authority:

Tanzania Broadcasting Corporation

Project Location:

Dar es Salaam/ Arusha

Project Description

Background

The main development challenges the project will address: The Tanzania Safari Channel (TSC) is a dedicated tourism channel operated by a public broadcaster Tanzania Broadcasting Corporation (TBC) and its partners (tourism stakeholders). The channel has potential access to travel and tourism content but it lacks the capacity to produce a large number of quality programs due to inadequate equipment and professional studios. The project, therefore, intends to enhance channel capacity by increasing the number of production studios, transmission rooms, editing suites, theatre room and offices.

The project will also involve acquiring of a complete set of production equipment, professional cameras, outside live production equipment, underwater production equipment and specialized vehicles. The project is commercially viable as the demand for quality travel and tourism content to feed foreign travel and tourism televisions all over the world is very high. Tanzania being a house of many attractive sites with varieties of natural and cultural resources provides a unique opportunity for channels to have abundant content saleable to those channels. Furthermore, with professional studios and equipment, TSC will have the capacity to



Documentaries production.

- o Local tourist stakeholders (TANAPA, TTB, TFS, NCAA, and TAWA)
- o Tourists



Television programs/ generic travel and tourism content.

- o Foreign television channels (National Geographic, Discovery, etc.
- o Local advertisers such as Banks, Mobile companies and tour operators.



Studio and equipment hire

- o Foreign television channels.
- o Local program producers.
- o Tour operators.
- o Tourists (celebrities).
- o Colleges for training purposes (Tanzania Tourism College).



Project Objectives

- ▀ To increase the number of quality travel and tourism programs for the channel and sell to foreign television channels. Other objectives include,
- ▀ To have a full set of professional studios specialized for travel and tourism programs for own use and hire to other users;
- ▀ To have a full set of professional equipment and vehicles specialized for tourism programs for own use and hire to other users;
- ▀ Capacity building to our staff through shared knowledge from partner.



Project Benefit

- ▀ Improved program quality for the channel.
- ▀ Increased the number of programs for the channel.
- ▀ Reduced program production cost.
- ▀ To bring the “world” to Tanzania by exposing the tourist attractions through television platforms.
- ▀ Increased number of advertisers (program sponsorship)
- ▀ Promote tourism sector.
- ▀ Reduce operations costs for the partners.
- ▀ Increase revenue to the partners.



Opportunities for Investor

- ▶ Shared revenue generated;
- ▶ Tanzania is one of the most popular destinations for Tourists globally, and for decades has increasingly become a major sector in the economy;
- ▶ One of the top ten (10) World's Leading Tourist Attractions 2020;
- ▶ Tanzania is a great source of travel and tourism content suitable for foreign television.
- ▶ High flow of celebrities who will require the hiring of production equipment to produce their own documentaries;
- ▶ Inadequate professional studio in the region to produce documentaries/films for tourism content.
- ▶ Inadequate travel and tourism channels in East African countries
- ▶ Marketing platform for East and Southern African countries.

Project Cost:	USD 25 Million
Project Status:	Not Started
Financing Mode:	Government Subvention, Partnership, Donors Support
Description of Partnership:	Build Operate Transfer, Concessions
Contact Person:	Director General
Email:	DG@tbc.go.tz
Telephone:	+255 222 866 382



PROJECT 20

Enabling Logistics
Excellence: Modern
Warehousing for a Thriving
Economy.

03.

**PROJECT
NAME**

**Enabling Logistics Excellence: Modern
Warehousing for a Thriving Economy.**

Responsible Sector ministry:

MICIT

Implementation Authority:

Tanzania Posts Corporation

Project Location:

Large warehouses in Dar es Salaam,
Mwanza, Mbeya, Dodoma, and Arusha;

Medium warehouses in Zanzibar, Njombe,
Kigoma, Tanga, Kagera, Kilimanjaro, and Mtwara

Small warehouses in Singida, Sumbawanga,
Songea, Shinyanga and Musoma



Project Description

Background

The main development challenges the project will address: The project is in-line with the TPC 8th (5 years) Strategic Business Plan 2019/2020 to 2023/2024 of which one of its targets is to develop its undeveloped plots for commercial purposes. The project will address the following:



Project Objectives

- ▶ **Universal Digital Access:** To ensure that every Tanzanian, regardless of their location or economic status, can access the wealth of knowledge available on the internet.
- ▶ **Education Empowerment:** In addressing the challenge of access to educational resources, particularly science and mathematics textbooks.
- ▶ **Academic Success:** To improve performance in STEM subjects, it aims to cultivate a generation of skilled individuals who can contribute effectively to the nation's scientific and technological advancement



Project Benefit

- ▶ Increased Digital Literacy and Skills;
- ▶ Improved Access to Government Services and Resources
- ▶ Bridging the digital divide
- ▶ Empowering citizens
- ▶ Enhancing education
- ▶ Promoting STEM education



Opportunities for Investor

- ▶ Revenue Generation through the Marketing and advertising and selling of solution;
- ▶ Availability of Government Internet Bandwidth;
- ▶ Availability of National Backbone Facilities
- ▶ Social impact investment;
- ▶ Positive brand association;
- ▶ Partnership with the Tanzanian government;
- ▶ Potential for future growth:

Project Cost:	USD 150 Million
Project Status:	Not Started
Financing Mode:	Government Subvention, Partnership, Donors Support
Description of Partnership:	Build Operate Transfer, Concessions
Contact Person:	PMG
Email:	pmg@posta.co.tz
Telephone:	+255 22 2 11 8 280

A photograph of two young women in a greenhouse. They are wearing light-colored overalls over dark shirts. The woman on the right is holding a laptop and pointing towards something off-camera. The woman on the left is looking in the same direction. A large, dark, semi-transparent circle is overlaid on the left side of the image, containing the project title and subtitle in white and yellow text. The background shows the metal structure and glass panels of the greenhouse.

PROJECT 21

Youth Agricultural
Training Centres and ICT
enabled Farm service
Facilities

03.

**PROJECT
NAME**

Youth Agricultural Training Centres and ICT enabled Farm service Facilities

Responsible Sector ministry:

Ministry of Agriculture and Livestock

Implementation Authority:

Ministry of Agriculture and Livestock

Project Location:

Dodoma



Project Description

Background

The idea relies on the fact that meeting strategical agricultural goals and growth targets of any country can be tedious to achieve unless the country has its own continuous quality system of generating skilled youth who have prior practical knowledge of good agricultural practices. As a matter of fact, the economic costs of the failure to equip the youth and farmers in line with the agricultural needs will cost the country an enormous loss, if not corrected. The proportion of youth having interest and willingness to start their own farming practices would have to increase.



Project Objectives

- ▶ To address Country's agricultural sector challenges to revolutionize national economic prosperity and improve the food security of the country by developing Farm Service, Production, Training Centres, ICT Labs and Digital Libraries across Tanzania.



Project Benefit

- ▶ Radical Improvement in Agricultural sector in the country by empowering youths and women at large.
- ▶ Access to the latest technologies and trends in the global marketplace
- ▶ Increasing employment opportunities and entrepreneurship among the youth
- ▶ Boost the economic growth of the country as a product of project professionals who will address the gaps necessary for both Domestic Direct Investment and Foreign Direct Investment
- ▶ Having best in class infrastructure and modern equipment focused on the regional requirement



Opportunities for Investor

- ▶ Access to a New Generation of Skilled Agricultural Workforce
- ▶ Engagement in a Growing and Sustainable Market
- ▶ Fostering Innovation and Technology Adoption in Agriculture
- ▶ Contributing to Social Impact and Sustainable Development

Project Cost:	USD 25 Million
Project Status:	Not Started
Financing Mode:	Government Subvention, Partnership, Donors Support
Description of Partnership:	Build Operate Transfer, Concessions
Contact Person:	CEO
Email:	Rashid S. Likiligo
Telephone:	+255 625 586 853



PROJECT 22

National Embedded
Systems Laboratories
(Robotics & AI).

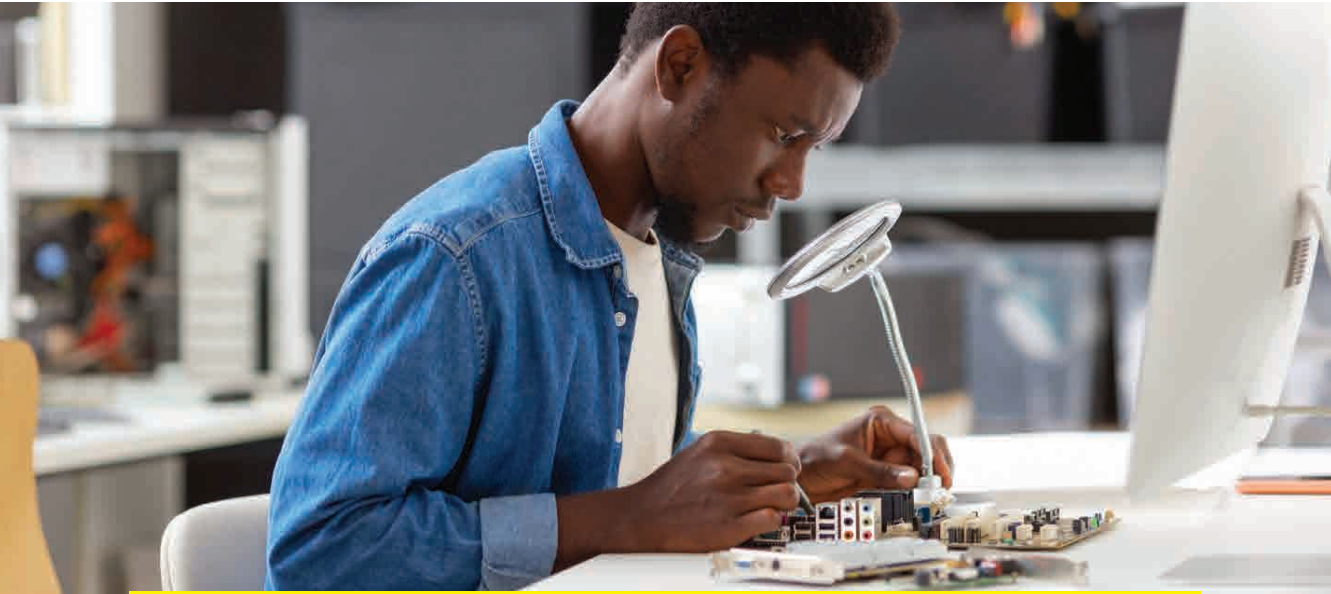
03.

**PROJECT
NAME**

National Embedded Systems Laboratories (Robotics & AI).

Responsible Sector ministry:
Implementation Authority:
Project Location:

Ministry of Agriculture and Livestock
Ministry of Agriculture and Livestock
Dodoma



Project Description

Background

The idea of this project centred under the importance of Artificial Intelligence in this modern world to revolutionize our world, seamlessly integrating technology into our lives. These systems transform how we interact with technology, making our lives more convenient and connected. They increase efficiency, improve life quality, ensuring a sustainable future.

As a country we need to have proper facilities to handle these massive technological projects/systems.



Project Objectives

- ▶ Leveraging the benefits of advanced technology to solve country's challenges in crucial sectors contributing to sustainability, being specifically Agricultural sector



Project Benefit

- ▶ Yielding anticipated outcomes in agricultural sector by developing advanced solutions to improve farming activities such as drones for spraying pesticides
- ▶ Irrigation systems management allowing for the efficient and effective distribution of water to crops by using sensors to monitor soil moisture levels and adjust the amount of water distributed to crops, reducing the risk of over or under irrigation, and improving water usage efficiency
- ▶ Development of Autonomous Farming equipment including tractors and other farm machinery. These machines are equipped with embedded systems that allow them to be operated remotely, reducing the need for manual labor and increasing efficiency.
- ▶ Development of smart greenhouses, which are essential to the efficient and sustainable operation of agricultural processes. These greenhouses use embedded systems to monitor and control temperature, humidity, lighting, and other environmental conditions, improving crop yields, reducing waste, and increasing efficiency.
- ▶ Embedded systems are used in weather monitoring, providing real-time data on weather conditions, such as temperature, wind speed, and precipitation. This data is essential to ensuring the safe and efficient operation of agriculture, allowing farmers to make informed decisions on when to plant and harvest crops, reducing the risk of damage from extreme weather conditions.



Opportunities for Investor

- ▶ Partnerships with Agricultural Stakeholders;
- ▶ Create a data-driven agricultural ecosystem;
- ▶ Develop and commercialize advanced agricultural solutions

Project Cost:	USD 20 Million
Project Status:	Not Started
Financing Mode:	Government Subvention, Partnership, Donors Support
Description of Partnership:	Build Operate Transfer, Concessions
Contact Person:	Rashid S. Likiligo
Email:	rashid.likiligo@kilimo.go.tz
Telephone:	+255 625 586 853

Conclusive Note

Politically, economically, socially, technologically, environmentally, and legally, Tanzania presents a favorable environment for investment in the communication sector for both local and foreign investors. We hereby invite further investment in this regard.

The projects outlined in this document highlight the Ministry's commitment to creating an enabling environment for ICT development and attracting both domestic and foreign investors. I believe that with the right implementation and support, these initiatives have the potential to drive innovation, create job opportunities, and improve the overall well-being of Tanzanians. This sets a solid foundation for a digitally empowered nation in the near future.





Permanent Secretary

Ministry of Information, Communication
and Information Technology,

 P.O Box 677, 1 Ujenzi, Street 40470
Dodoma, Tanzania

 ps@mawasiliano.go.tz

 +255-262 963470

 +255-262 963117