

Ministry of Information, Communication and Information Technology



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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 deveopment 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



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. Nape Moses Nnauye
Minister of Information,
Communication & ICT



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

# 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	62 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 investment ventures by international partners. Tanzania offers a compelling investment proposition and advancements in 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



#### **Favourable Geographic Location**

favourable

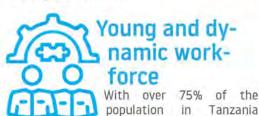
African



Southern Africa (COMESA) provide strategic advantages for investors. Situated at Rapid

Institutional Development

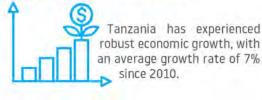
According to the Index of Economic Freedom, which measures a country's ability to promote economic opportunity, individual empowerment, and prosperity, Tanzania has shown significant progress. In 2021, Tanzania achieved an average score of 58.9% among the highest in Africa



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**



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

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 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 forfurther growth

#### Network Coverage and Quality of Internet Speed for Mobile and Fixed

Indicator	Categ	ory	March 2023
Population covered by a	3G		74%
mobile broadband network signal	4G		58%
Geographical coverage by	3G		49%
mobile network signal	4G		40%
Broadband Services	9	Upload	Download
	Mobile broadband Fixed broadband	5.84 Mbps 29.43 Mbps	12.56 Mbps 32.76 Mbps
Fiber Backbone & Submari	ne Cables	КМ	Speed
National ICT Backbone		12,000	1Tbps
SEACOM			12 Tbps
Eastern Africa Submarine Ca	able System (EASSY)		10 Tbps
2Africa			180 Tbps

#### **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	
4	Exemption on Project	Zero Import Duty on capital goods.
1	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	IC T 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 5consecutive years
6	Depreciation Allowance	37.5% - 5% depending on the class of the depreciable asset
		Agriculture – 100%
		Mining - 20% (first 5 years)
	C apital Allowance Hotels - 50%	Hotels - 50%
		Fish farming - 50%
		Tourist services – 50%
	Non-Fiscal Incentives	
7	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**

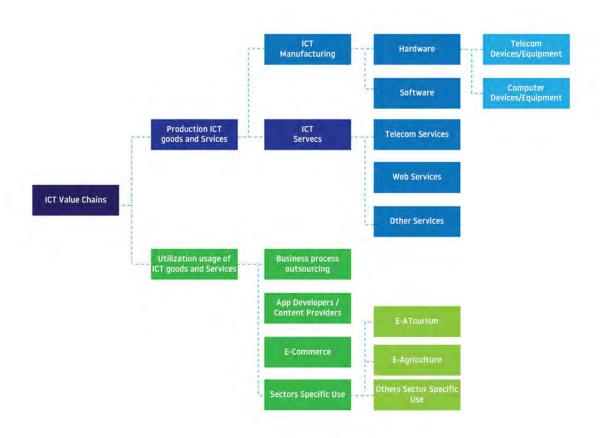
The Tanzania Investment Centre (TIC) is a key agency that promotes and facilitates investment in Tanzania. It serves as a one-stop centre for investors, providing a wide range of services and support. These services include investment information, guidance, permit and license facilitation, and aftercare 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 Quality content generation and production (TBC & TSN) ie. Safari Chanel & Quality Printing technology with Enhancing and Modernizing of communications **Enhanced communications** How infrastructure (NICTBB, TPC, TTLCL, TCRA, ICTC) ie. FTTH, Delivery Services, Regulation World (local to local & local to international To provide the world Where (TPC, TTCL, TBC, ICT) ie. e-business. Provision and availability of information and with information for What data (TTCL, TBC, TSN) World Take Off Taking Tanzania to the next level Where





SmartTech Tanzania: Pioneering Local Manufacturing of ICT and Smart Devices

Responsible Sector ministry: Implementation Authority: Project Location:

MICIT UCSAF

Dar es Salaam



#### 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.





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% penetration from penetration from 2020 to 100% in 2025 Technology transfer Increased Manufacturing,



- 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:	CEO
Email:	CEO@ucsaf.go.tz
Telephone:	+255 262 965 771



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

Responsible Sector ministry: Implementation Authority: MICIT TTCL

Project Location:

Tanzania & Kalemie in Democratic

republic of Congo



**Project Description** 

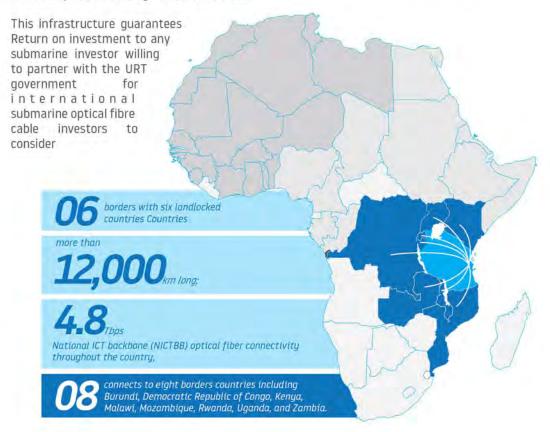
#### **Background**

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; 4.8Tbps National ICT backbone (NICTBB) optical fibre connectivity throughout the country, and infrastructure also connects to eight borders countries including Burundi, Democratic Republic of Congo, Kenya, Malawi, Mozambigue, 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.



#### 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 becomes a regional ICT hub;
- Increased tax base and forex



- 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:	DG
Email:	info@ttcl.co.tz
Telephone:	+255 22 214 2000



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

Responsible Sector ministry: Implementation Authority:

MICIT TTCL

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.



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



- 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:	DG
Email:	info@ttcl.co.tz
Telephone:	+255 22 214 2000



#### Development of ICT Technology Parks

Responsible Sector ministry: Implementation Authority:

MICIT ICT

Project Location:

Bagamoyo and Kwala ICT 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 By this entrepreneurship. leveraging 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 Bagamoyo district todevelop 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.



 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 becomes 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



- 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:	DG
Email:	DG@ICTC.go.tz
Telephone:	+255 7368 48444



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

Responsible Sector ministry: Implementation Authority:

MICIT ICT

Project Location:

Dar es Salaam



**Project Description** 

#### **Background**

iThe main development challenges the project will address: The project, aims to drive the Fourth Industrial Revolution (4thIR) Tanzania's digital economy. It focuses on leveraging emerging technologies such as Blockchain, Al, IoT, Big Data Analytics, Robotics, 5G. Nanotechnology, Edge Computing, Quantum Computing. and CloudComputing. 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 commercialization opportunities. Continuous monitoring and evaluation ensure the project's effectiveness, incorporating stakeholder feedback to enhance its impact.



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 becomes 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;



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

USD 50 Millions
Not Started
Government Subvention, Partnership, Donors Support
Build Operate Transfer, Concessions
DG
DG@ICTC.go.tz
+255 7368 48444



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

Responsible Sector ministry: Implementation Authority:

MICIT ICTC

Project Location:

Dar es Salaam



#### **Project Description**

#### **Background**

iThe 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, Al, IoT, Big Data Analytics, Robotics, 5G. Nanotechnology, Edge Computing, Quantum Computing. and CloudComputing. 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 commercialization opportunities. Continuous monitoring and evaluation ensure the project's effectiveness, incorporating stakeholder feedback to enhance its impact.



- ▶ 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.



- 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
  - o 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:	Permanent Secretary
Email:	Ps@mawasiliano.go.tz
Telephone;	+2552324513

# PROJECT 07

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

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.



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.



- 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:	+2552324513



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

Responsible Sector ministry: Implementation Authority:

Project Location:

MICIT **UCSAF** 

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. 34



By the end of 2019, mobile internet adoption stood at

Telephone and Internet penetration in the URT stands at The Goal is to reach

26%

In Sub-Saharan Africa

80% and 43%

100 and 80%

respectivelu

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



- ▶ 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:	CEO
Email:	CEO@ucsaf.go.tz
Telephone:	+255 26 2965771



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

Responsible Sector ministry: Implementation Authority: Project Location:

Ministry of Health

**UCSAF** 

Selected wards in Tanzania Mainland

and Zanzibar



# **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.



- 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;



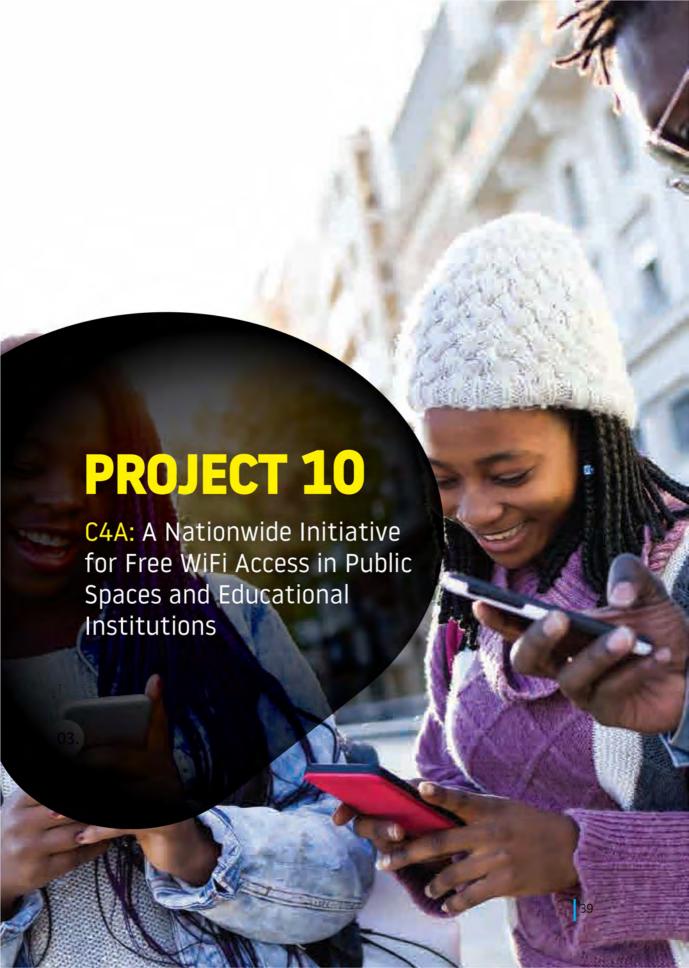
### **Project Benefit**

- 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.



- 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:	CEO
Email:	CEO@ucsaf.go.tz
Telephone:	+255 26 2965771



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

Responsible Sector ministry: Implementation Authority:

MICIT **UCSAF** 

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.



- 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
- F Enhancing education
- Promoting STEM education



- 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:	CEO
Email:	CEO@ucsaf.go.tz
Telephone:	+255 26 2965771



**Enhancing Local Digital Ecosystems: Establishing ICT Community Centres for Wards** 

Responsible Sector ministry: Implementation Authority:

Ministry of Health

UCSAF

Selected wards in Tanzania Mainland and Zanzibar Project Location:



**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.



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.



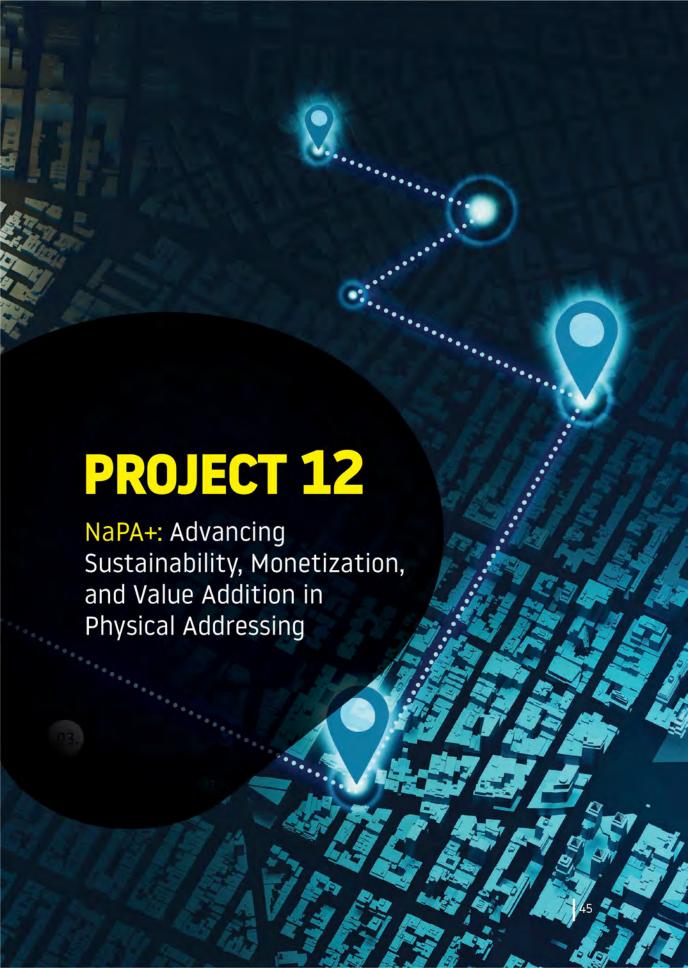
### **Project Benefit**

- 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



- 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:	CEO
Email:	CEO@ucsaf.go.tz
Telephone:	+255 26 2965771



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

Responsible Sector ministry: Implementation Authority:

Project Location:

MICIT MICIT

Country wide



# **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 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.



▶ 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:**

Database system



### **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



- ▶ 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:	CEO
Email:	CEO@ucsaf.go.tz
Telephone:	+255 26 2965771
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A Gigabit Nation – Empowering Homes with FTTH & 4G

Responsible Sector ministry: Implementation Authority:

MICIT TTCL

Project Location:

All Municipals and Districts as well as all

CBD areas countrywide



# **Background**

The main development challenges the project 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.



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



- 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:	DG
Email:	info@ttcl.co.tz
Telephone:	+255 22 214 2000



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

Responsible Sector ministry: Implementation Authority:

MICIT MICIT

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 transactions and encouraging businesses and consumers to embrace e-commerce and digital payments. facilitating 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.



- 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



- 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:	DG
Email:	DG@ICTC.go.tz
Telephone:	+255 7368 48444



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

Responsible Sector ministry: Implementation Authority:

MICIT ICTC

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;



- 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:	DG
Email:	DG@ICTC.go.tz
Telephone:	+255 7368 48444



# Tanzania Indian Coastline: Integrated Marine Resource

Responsible Sector ministry: Implementation Authority: Project Location: Ministry of Tourism and Natural resources

XXXX

Tanzania Indian Ocean Coastline



**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.

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- 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.



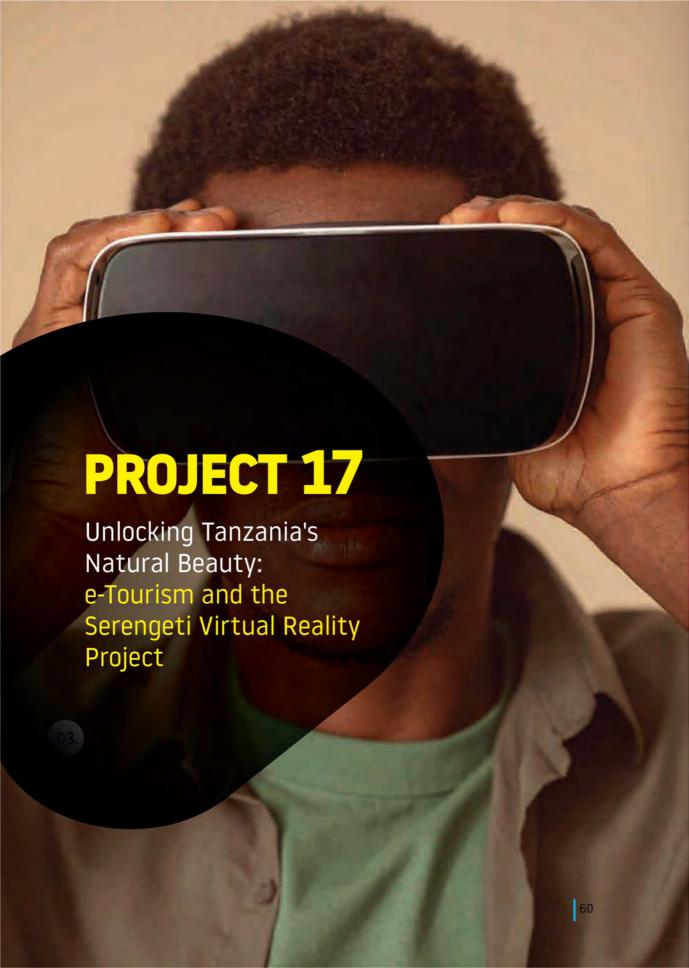
# **Project Benefit**

- 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



- ▶ ☑ 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:	XX
Email:	XXXX
Telephone:	XXXXX



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

Responsible Sector ministry: Implementation Authority: Project Location: Ministry of Tourism and Natural resources

**TANAPA** 

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.



- ★ 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;

  Substainable community development and;

  Inclusive tourism.

   Inclusive tourism.

  ■



- 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

USD 35 Million
Not Started
Government Subvention, Partnership, Donors Support
Build Operate Transfer, Concessions
XXX
XXX
XXX



# Enabling Inclusive Digital Access: Empowering Individuals with Disabilities.

Responsible Sector ministry: Implementation Authority: Project Location: Prime Minister's Office: Labour, Youth, Employment and Persons with Disability 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. development innovative of 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.



- 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 devic

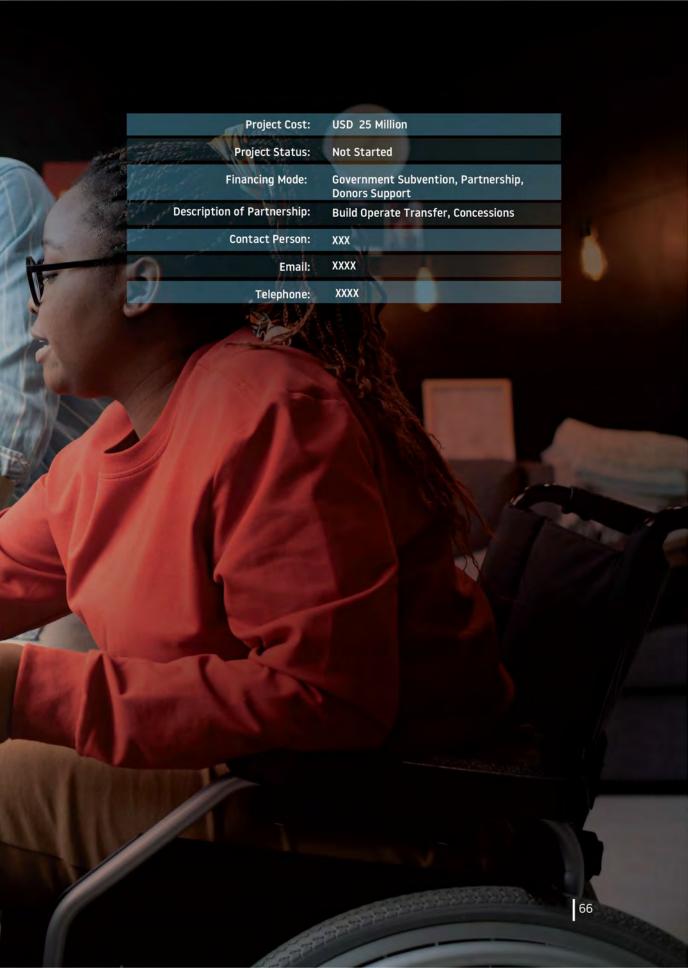


### **Project Benefit**

- Increased access to education and employment opportunities;
- Increased economic productivity:
- Improved quality of life;
- ₱ Reduced social and economic inequality;
- Raising awareness of digital accessibility;
- Promoting innovation in assistive technology:
- ₱ Policy Changes.



- 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;
- 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.





# Capacity Enhancement of Tanzania Safari Channel

Responsible Sector ministry: Implementation Authority: Project Location: MICIT

entation Authority: Tanzania Broadcasting Corporation (TBC)

Dar es Salaam/ Arusha



# 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;
- ▶ 図 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

 $\ensuremath{\boxtimes}$  Tanzania is one of the most popular destinations for Tourists globally,

p 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:	DG
Emaîl:	DG@tbc.go.tz
Telephone:	+255 22 2866382





**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:	CEO
Email:	CEO@ucsaf.go.tz
Telephone;	+255 26 2965771



PROJECT NAME

#### Youth Agricultural Training Centres and ICT enabled Farm service Facilities

Responsible Sector ministry: Implementation Authority: Project Location:

Ministry of Agriculture and Livestock Ministry of Agriculture and Livestock Dodoma



#### **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
- Fingagement 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 NAME National Embedded Systems Laboratories (Robotics & AI).

Responsible Sector ministry: Implementation Authority: Project Location: Ministry of Agriculture and Livestock Ministry of Agriculture and Livestock

XXXXX



**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

USD 20 Million
Not Started
Government Subvention, Partnership, Donors Support
Build Operate Transfer, Concessions
Rashid S. Likiligo
rashid.likiligo@kilimo.go.tz
+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.









# STARTUP PROFILES

PesaTech Accelerator







#### **ABOUT UNCDF**

The United Nations Capital Development Fund (UNCDF) is the United Nations' flagship catalytic financing entity for the world's 46 Least Developed Countries (LDCs). With its unique capital mandate and focus on the LDCs, UNCDF works to invest and catalyse capital to support these countries in achieving the sustainable growth and inclusiveness envisioned by the 2030 Agenda for Sustainable Development and the Doha Programme of Action for the least developed countries, 2022–2031.

UNCDF builds partnerships with other UN organizations, as well as private and public sector actors, to achieve greater impact in development; specifically by unlocking additional resources and strengthening financing mechanisms and systems contributing to transformation pathways, focusing on such development themes as green economy, digitalization, urbanization, inclusive economies, gender equality and women's economic empowerment.

A hybrid development finance institution and development agency, UNCDF uses a combination of capital instruments (deployment, financial & business advisory and catalysation) and development instruments (technical assistance, capacity development, policy advice, advocacy, thought leadership, and market analysis and scoping) which are applied across five priority areas (inclusive digital economies, local transformative finance, women's economic empowerment, climate, energy & biodiversity finance, and sustainable food systems finance).

#### **ABOUT PESATECH**

Pesatech Accelerator is a fintech accelerator program designed to support post-MVP and growth-stage fintech startups in Tanzania. The accelerator aims to build fintech's capacity to raise investment through an Investor-Readiness Program (IRP) and act as a marketplace between startups, strategic partners, and investors.

#### **DISCLAIMER**

The views expressed in this publication are those of the author(s) and do not necessarily represent the views of UNCDF, the United Nations or any of its affiliated organizations or its Member States.

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#### **FOR MORE**

https://pesatech.africa/

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## **AFYA LEAD**

INNOVATING HEALTH INSURANCE ACCESSIBILITY IN EAST AFRICA



A health insurance option for individuals and families currently unable to access or afford traditional plans.







Investment required: \$120,000

established in 2020 with a mission to enhance health insurance accessibility in East Africa. They believe that every person deserves quality healthcare – a philosophy that permeates their innovative flagship product, Pamoja Health; a mobile health insurance platform developed in partnership with a leading health insurance provider in the region, Community Health Insurance Fund (CHIF).

The Pamoja Health platform offers a seamless, flexible and cost-efficient health insurance option for individuals and families currently unable to access or afford traditional plans.



As a company, Afya strives purposefully towards Sustainable Development Goal 3 (SDG3), fostering health and well-being for all through innovative, affordable healthcare technologies and medical devices.

A 2021 study done by Mzumbe University revealed a glaring gap: 69% of the rural Tanzanians lack health insurance. Afya Lead aims to close this gap through its Partner-Agent micro health insurance model, an innovative system that enables health insurance payments via mobile wallet, developed in partnership with the CHIF, M-Pesa Super App, and Afya Lead.

Positioned in a market with a total available potential of over \$1 billion and a serviceable reachable market of \$60.7 billion, the potential for impact is huge. Afya Lead's revenue model is based on commissions, premiums, and data and analytics.

Afya Lead is distinguished as the only micro health insurance company to partner with public health insurance schemes such as NHIF and CHIF. This gives them a unique advantage to capture a significant share of Tanzania's informal health insurance sector.

Afya Lead has made noteworthy progress in product R&D, system development, and pilot

testing. With a strong team of 11 full-time professionals and strategic partnerships with PO-RALG, CeRIHI Organization, and Novartis Foundation, the startup has established a robust foundation for future growth. The next milestones on their horizon include expanding their footprint across six regions of Tanzania, growing the team to 18 full time professionals, and targeting a revenue projection of \$15 billion by 2026.

To achieve these ambitious targets, Afya Lead is seeking an investment of \$120,000. This funding will be channelled into final product development, marketing initiatives, acquisition of additional physical space, scaling, and product launching. Driven by a commitment to promoting good health across Africa, Afya Lead is providing humancentered healthcare with exceptional quality, service, and access. They invite others to join this transformative journey of making healthcare universally accessible and affordable. Together with Afya Lead, be part of building a healthier future for all.

## MIPANGO FINANCE

PIONEERING FINANCIAL INCLUSION AND LITERACY IN AFRICA



A mobile platform that offers comprehensive financial planning and advisory services







Investment required: \$350,000

IPANGO FINANCE IS A FINTECH start-up on a mission to advance financial inclusion and literacy in Tanzania and underserved regions across Africa. Their flagship product, the Mipango App, is a mobile platform that offers comprehensive financial planning and advisory services, including budgeting, investment guidance, and retirement planning, equipping users to make informed financial decisions.

Financial education is central to Mipango Finance's approach, empowering individuals and businesses to assert control over their finances and build secure and sustainable futures. Their suite of digital services and educational resources targets

financial exclusion and illiteracy, fostering regional economic growth and development.

With a market size of \$75 billion encompassing 1.4 billion people in Africa, including 250 million smartphone users, Mipango Finance has an immense opportunity. Their focus is on the urban and peri-urban low-to-middle income population who own smartphones.

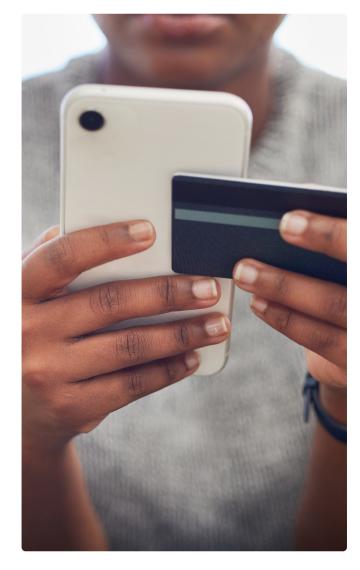
The Mipango App helps users monitor cash, mobile money, and bank transactions, providing personalized financial advice and credit scores. Users can benefit from Al-powered personalized financial guidance, localized for the African market. It aims to cultivate responsible spending, saving, investing, and budgeting habits and connect users to pre-qualified formal financial products.

Revenue streams from Mipango Finance stem from both B2B and B2C models offering credit score data to banks and mobile network operators (MNOs), and ad placement services. To their customers, they offer an exclusive micro-loans product.

Mipango Finance differentiates itself in the market by offering an intuitive app that links accounts for managing income and expenses, provides data driven financial advice free of charge, and facilitates access to financial products and opportunities.

The company is in the process of raising \$350,000 with \$110,000 already secured, valuing the company at \$2,000,000. The funds will be allocated with 15% directed towards overhead and administration, 50% to product development, and 35% to marketing.

The Mipango App is Mipango Finance's tool to transform financial planning and advisory services in Africa, equipping users with the necessary skills and tools to secure their financial futures. Users are invited to join them on this journey towards financial freedom and prosperity by downloading the Mipango App today.



## **A-TRADER**

SHAPING THE FUTURE OF DIGITAL INVESTMENTS IN AFRICA



A super app that makes investing in Africa's capital markets accessible to anyone with a mobile phone







Investment required: \$115,000

TRADER IS A DIGITAL INVESTMENT PLATFORM startup that is revolutionizing how Africa's middleincome populace manage and grow their income. The platform is designed to empower individuals who traditionally resort to informal mechanisms, helping them secure their financial future and participate in the modern digital economy.

Recognizing that around 500 million Africans are financially underserved, A-Trader is committed to delivering intuitive, user-friendly digital services that allow individuals to grow their savings and earnings.



Their innovative super app makes investing in structured financial products through Africa's capital markets accessible to anyone with a mobile device.

Conventional investment process in Africa often entails burdensome paperwork, physical presence, and bank accounts. In a stark contrast, A-Trader provides retail investors with seamless digital access to trade securities on any African stock exchange. Their platform caters to international users and offers various investment tiers tailored to the user's financial acumen and objectives.

A-Trader's product suite encompasses an array of features, including investor toolkits, simulated trading, gamified investing for youth, investment calculators, and multiple financial tools. Partnering with a licensed broker, A-Trader ensures security and compliance, featuring PCI DSS/ISO 27001 compliance, two-factor authentication, encrypted infrastructure, and regular security audits.

A-Trader's target audience includes urban-based working professionals, small business owners, and savings groups aged between 30-65. Designed for smartphone owners who frequently engage in mobile money transactions, the platform serves those with savings and disposable income yet lack access to passive income growth opportunities through investment channels.

A-Trader generates revenue via transaction commissions, revenue sharing, subscription fees for value-added services, and free basic accounts. Regular traders are charged a fee of TZS3,000 or \$3, while Pro Accounts cost TZS30,000 or \$15. Additionally, they offer transactions-based access for third parties, APIs for FSPs/FinTechs, SACCOs, and savings groups through their B2B2C Value Added Services.

With Africa's growing middle class comprising approximately 330 million people, including 8.3 million in Tanzania, and 240 million Africans with smartphone access, A-Trader has a significant market opportunity to harness.

## **DAWA MKONONI**

TRANSFORMING PHARMACEUTICAL PROCUREMENT IN AFRICA



An e-commerce solution for the health sector to purchase pharmaceutical products in bulk online







Investment required: **\$500,000** 

AWA MKONONI IS AN INNOVATIVE B2B health and fintech application that is transforming the pharmaceutical procurement landscape in Tanzania and throughout Africa. The platform offers an e-commerce solution for pharmacies, accredited drug dispensaries (ADDOs), and healthcare outlets to purchase pharmaceutical products in bulk online. Dawa Mkononi's efficient and digitalized approach streamlines procurement, reduces costs, and enhances inventory management for healthcare providers.

Dawa Mkononi distinguishes itself through its intuitive platform, delivering convenience, safety, and reliability to pharmacies, ADDOs, polyclinics,

and other healthcare facilities. With just a few clicks, users in Dar es Salaam can register, order, pay, and receive delivery of medications within hours. Boasting over 2000+ SKUs, the platform's easy-to-navigate categories and visual aids minimizes errors. Unique features, such as discounts and reorder options for returning customers, add value to the user experience.

A recent upgrade is improving financial inclusion and health facilities and elevates the user experience. Customers can now effortlessly track their orders and pinpoint locations using map integrations. Thanks to payment gateway partners, Dawa Mkononi can offer 0 transaction fees to customers. The platform is continuously refined to optimize pharmaceutical procurement process and supply chain efficiency.

Dawa Mkononi dedicated 20-person team strives to enhance access to high-quality medicines and services through technology, aiming to improve affordability and overall health outcomes. With impressive achievements like 1,600 registered facilities in Dar es Salaam, 88% customer retention, and a \$100 median order value, Dawa Mkononi is proving its impact.

Targeting pharmacies, accredited drug outlets, hospitals, and clinics, the platform serves a population of 61 million and stands out among the leading pharmaceutical importers in East and Central Africa. With a gross margin of 10% and a customer acquisition cost of \$12, the B2B model is data-driven to optimize management and user experience. They offer affordable payment options, fast delivery times through top logistics partners, and a vast product range exceeding 2800 items.

Dawa Mkononi aims to become Africa's leading franchise for B2B pharmaceutical supply chain, serving Tanzania, Congo DRC, Burundi, Malawi, Zambia, Rwanda, and Zimbabwe.



## SAFARI WALLET

REDEFINING TOURISM IN THE POST-PANDEMIC AFRICAN LANDSCAPE



An online platform that allows individuals to pre-pay for vacations through manageable instalments







Investment required: **\$500,000** 

S AFARI WALLET, AN INNOVATIVE FINTECH start-up, offers a unique platform for today's discerning traveller. They stand at the intersection of economic opportunity and post-pandemic recovery, focused on empowering local tour operators and certified local guides in Tanzania and throughout Africa.

In the wake of COVID-19, the tourism industry faced enormous challenges, with travel plans cancelled for over 30 million international tourists to Africa. This severely impacted small and medium tour operators, guides, and countless individuals in the sector, with women being disproportionately affected.

However, Safari Wallet has developed a solution that stimulates local and Africa-based tourism, providing an online platform individuals can prepay for vacations through manageable instalments.

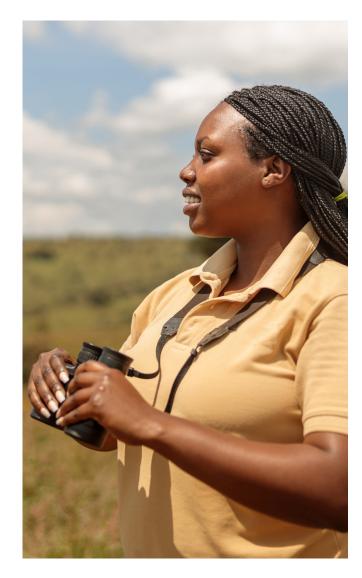
Safari Wallet operates on a straightforward business model, earning a 15% commission on each successful transaction. However, their revenue streams go beyond commissions. They leverage opportunities, such as interest earnings on long-term installment payments through banking partnerships and insurance product commissions through agreements with insurance providers. By 2023, Safari Wallet aims to facilitate 22,500 local trips, potentially generating \$1.1 million in revenue on EBITDA by early 2024. Their ambitious goal is to reach one million Tanzanians by the end of 2023, significantly contributing to the post-pandemic economic recovery of Tanzania and Africa's tourism sector.

Already boasting partnerships with 15 local operators, a guide association, travel insurance services, financial partners, and corporations offering incentive trips to their employees, Safari Wallet has an extensive network.

Their platform allows local tour operators and certified local guides to host trips and connect with local African travellers. Users can choose between pre-packaged tours or customize their own packages, with flexible options to make instalments payments or pay post-travel.

As the company grows, Safari Wallet's focus is on enhancing marketing and sales, product development, and workforce expansion.

The team comprises four women, including one female co-founder, two travel specialists, and a data scientist engineer. With 1,000 interviews and surveys conducted and 80% completion of their minimum viable product (MVP), Safari Wallet remains committed to innovation and learning.



## **BIZZYN**

EMPOWERING SMALL BUSINESSES IN AFRICA THROUGH INNOVATIVE FINTECH



Leveraging alternative credit scoring to provide financial insights and connects SMEs to micro-lenders







Investment required: **\$1,000,000** 

N AFRICA, HALF OF SMALL BUSINESSES fail within the first five years, encountering challenges in financial management. Bizzyn, a fintech start-up, is transforming the landscape for businesses of all sizes throughout Africa. Their mission is to offer an operating system that empowers businesses, aiming to address the financial management difficulties that often lead to small business failures.

According to a 2017 study by the World Trade Organization (WTO), 97% of small businesses in Africa struggle with expense tracking, and a similar percentage face difficulties obtaining capital from financial institutions. A significant

number of SMEs rely on spreadsheets to manage their operations. Bizzyn has developed an all-inone solution to tackle these issues, simplifying financial management. Their platform, BizzyPay, incorporates features such as payment processing, inventory and warehouse management, tax filing and returns, accounting, invoicing and estimates, bank account tracking and reconciliation, HR and payroll management, and budgeting.

Bizzyn's services cater to small, medium, and large businesses, with a specific focus on small businesses representing 86.3% of owners earning less than \$100,000 annually. Medium-sized businesses with annual revenue ranging from \$50 million to \$1 billion and large businesses with over 1,000 employees and annual revenue exceeding \$1 billion are also part of their target market.

With a total available market size of \$19.6 billion, a serviceable available market of \$12.1 billion, and a serviceable obtainable market of \$1.5 billion, Bizzyn holds a significant market opportunity. The company generates revenue through a software-as-a-service (SaaS) model, offering pricing tiers ranging from \$32 to \$250.

Looking ahead, Bizzyn plans to expand its offerings by integrating a point-of-sale (POS) machine into the BizzyPay app for seamless payment processing. Having raised \$110,000 in funding to date, the company is seeking a \$1 million investment to expand its market reach. The proposed investment distribution is 20% for the team and 80% for market expansion.

Bizzyn boasts a team of eight professionals with extensive experience in the fintech industry. With diverse skill sets and a shared commitment



to empowering small businesses, the team is dedicated to providing the necessary tools for business growth. Leveraging their innovative solution and experienced team, Bizzyn is well-positioned for success in the African market.

## **GASFASTA**

PIONEERING A NEW ERA IN AFRICAN COOKING GAS SUPPLY



A platform that delivers cooking gas fast and at competitive prices with easy payment methods via mobile money







Investment required: **\$500,000** 

ASFASTA, AN INNOVATIVE COOKING GAS distribution platform, is revolutionizing the way urban and semi-urban African consumers access cooking gas. By addressing challenges such as complex procurement processes, fluctuating prices, unreliable delivery systems, and inability to predict gas depletion, GasFasta is introducing a convenient, fast, and affordable solution.

Launching services in 2021 in Dar es Salaam, one of the fastest-growing cities in the world, GasFasta anticipates the city's population to exceed 10 million by 2030. Considering the total Liquefied Petroleum Gas (LPG) imports of 194,597,000 KG

in 2020, the potential for market expansion and impact is substantial.

GasFasta caters to retail customers, bulk users including restaurants, hotels, schools, and canteens, vendors and super dealers. The platform ensures fast, free delivery, competitive prices, and an easy payment method via mobile money. For vendors, the GasFasta platform provides access to a high-profit retail market, performance evaluation tool, delivery staff management, cylinder stock management.

The company operates through a transaction fee model, charging a 2% fee to customers using its virtual wallet, GasFasta Pay, and 6% per transaction to vendors and super dealers. The company also monetizes consumer behaviour data from the GasFasta app. As of January 2023, GasFasta generated over 70 MillionTSH or \$30,000 in revenue, serviced over 3,000 customers, and fulfilled over 2,000 orders.

Looking to expand into Tanzania's secondary cities, Mwanza and Arusha, before branching out into other East African cities, GasFasta's growth strategy is compelling. The founder, leading a three-member team has committed \$30,000 in cash and resources, and they are now seeking additional investment to fuel their expansion plans.

GasFasta's innovative solution has the potential to profoundly impact the African cooking gas distribution market. Their unique value proposition and planned growth strategy position them as an exciting player to watch in the African market. With GasFasta, consumers and vendors can enjoy the benefits of a streamlined, reliable, modern cooking gas distribution platform.



10

## **REMMO**

REVOLUTIONIZING THE EVENT INDUSTRY WITH DIGITAL SOLUTIONS



A unique platform that connects vendors and clients in the ceremonial industry







Investment required: \$100,000 for 10% equity

Remmo is revolutionizing the events industry with its innovative app, designed to provide secure, transparent, and cost-effective eco-friendly digital solutions. By replacing paper cards and tickets with their unique e-Cards, e-Tickets, and e-Pledges, Renmo is leading the way towards sustainability and convenience in the events market.

Their diversified product offerings include Royal, Gold, and Silver Cards, each catered to varied budget needs. With an emphasis on digital inclusion, Remmo's app even enables offline access for non-smartphone users, thus reaching a broader audience.



Remmo's success is evident with over 80,000 e-Cards sold, over 2000 registered vendors on the platform, and generating sales that have surpassed \$40,000 in revenue. Currently focusing on the thriving wedding industry, they are strategically positioned to disrupt event planning and execution. With the events market size in Tanzania at USD 350 million and the market size in Africa at USD 2.5 billion, Remmo App provides a unique and convenient platform for connecting vendors and clients in the ceremonial industry, making event planning easier and more accessible.

With the wedding industry spending approximately \$20 billion annually on roughly 5 million weddings, Remmo aims to capture 5% of this market. Their strategy involves selling 150 e-Cards per event at a price of \$0.50 per card and earning a 3% commission on e-Pledges, leading to an estimated annual revenue of \$7 million.

Remmo App offers an e-pledge service (crowdfunding), enabling clients and vendors to seek financial support from friends and relatives to fund their events or projects. With this unique feature, our users can secure funds easily, bringing their dreams to reality.

Remmo's robust business model derives income from e-Card and e-Ticket sales, pledge commissions, and premium and agent subscription

fees. Their edge lies in their authenticated e-Card and e-Ticket authentication, flexible e-Pledge payments, cost-effective agent services, and bespoke vendor matching.

With expansion plans encompassing Tanzania and East Africa within five years, Renmo's potential for scalability in the event market space is substantial, especially considering the growing internet usage in Africa.

Remmo's market strategy focuses on social media and content marketing, referrals, agents, and mainstream media. By leveraging these channels, they plan to increase their market share and raise awareness of their digital solutions.

## **SETTLO**

REDEFINING BUSINESS MANAGEMENT FOR AFRICAN SMEs



A cloud-based platform to solve pervasive challenges confronting African SMEs



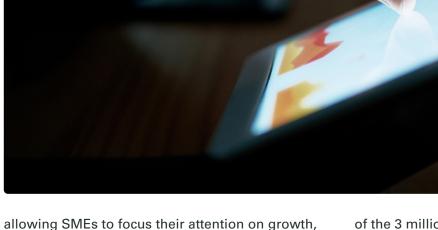




Investment required: **\$500,000** 

SMEs and driving economic growth in the region. Their innovative cloud-based platform is more than just a business tool – it is a solution to address pervasive challenges confronting African SMEs, thus revolutionizing the way business is done on the continent.

Settlo's comprehensive suite of features equips merchants to manage their businesses across all channels seamlessly. They facilitate all payment types, offer loyalty programs, and provide powerful analytics, all within an open business banking environment. Additional offerings include a free online store and uniquely tailored Settlo loans,



allowing SMEs to focus their attention on growth, economic opportunities, and job creation.

Primarily serving small vendors, boutique retailers, service-oriented companies, and online merchants, Settlo penetrates a market of 3 million unserved merchants in Tanzania alone. This proposition holds immense appeal for African SMEs, where 95% are cash-based and 87% of unserved merchants lack business bank accounts.

Supported by seed funding of \$500,000 to \$1 million, Settlo's business model finances sales marketing, and customer acquisition alongside merchant device loans. They aim to secure 40%

of the 3 million unserved Tanzanian merchants, which translates to an acquisition of 1.2 million accounts. Their revenue model includes a monthly \$10.70 payment per account, recurring annual subscription fees of nearly \$13 million and an annual processing of \$604 million in payments.

In essence, Settlo is more than a business – it's a transformative tool in the African SME landscape.

## **LAINA FINANCE**

PIONEERING DIGITAL FINANCIAL SERVICES FOR UNDERSERVED POPULATIONS



A sharia-compliant platform with extensive offerings to expand financial service accessibility and affordability







Investment required: **\$5,000,000** 

AINA FINANCE, A DIGITAL financial service provider, is committed to delivering affordable and accessible financial services underserved populations in developing countries. Dedicated to dismantling market challenges, they firmly believe in universal access to financial services.

Understanding the challenges of accessing credit and finance due to irregular income, strict collateral requirements, asymmetric information, and the absence of sharia-compliant financial products, Laina Finance partners with service providers to offer instant credit as a point-of-purchase payment plan within the East African market. Utilizing blockchain technology and AI, their sharia-



compliant platform combines diverse data sources to inform credit decisions.

Their extensive offerings encompass insurance premium finance, device finance, TV subscription, cash loans, overdraft, and agro financing. Laina's Service Platform engages a broad spectrum of partners, including mobile network operators, banks, insurance companies, and credit information providers. They aim to empower credit-based payment for any purchase, with a core mission of enhancing financial service accessibility and affordability.

Laina Finance's unique strength includes being the sole digital financial service provider whose payment plans comply with both conventional and Islamic financing. The scalability of their business model, coupled with a robust partner network – including Vodacom, Zantel, Tigo, Jubilee, TTCL, Samsung, Vivo, Credit Info, and ITL – boasts a low customer acquisition cost.

With a monthly recurring revenue of \$25,000 and a subscriber base of half a million, Laina Finance projects to swell its client base to 6.25 million by 2025, generating \$100 million in revenue. Their total addressable market within Eastern Africa is around 100 million clients, with Ethiopia harbouring the highest potential at 40 million customers.

The founders of Laina Finance bring their rich experience from over 50 SMEs and startups, including 30 funding rounds, 30 M&A transactions, and 3 successful exits. Laina's team comprises 20 dedicated employees in Tanzania.

Having already raised \$1 million, Laina Finance targets an additional fundraise of \$5 million in equity and debt. This funding will fuel business expansion, enable front-loaded recruitments, and permit further incursion into Eastern African markets, with 80% allocated to loan pools and 20% earmarked for business development and expansion.

Posted for growth, Laina Finance, with its scalable business model and strong partner network, has successfully bridged market gaps to offer an innovative credit and finance solution. Interested individuals and investors are invited to join them on their mission to make financial services accessible and affordable to more people in developing countries.

## KILIMO MAENDELEO

DIGITIZING AGRICULTURE WITH KM360



A digital platform that provides farmers, ecosystem actors, and clients with access to critical value chain servces







Investment required: **\$850,000** 

RILIMO MAENDELEO IS REVOLUTIONIZING the agricultural value chain with KM360, an Agriculture Digital Economy Platform that harnesses agtech and fintech to digitize processes, stakeholders, and assets. This solution facilitates scalability, traceability, visibility, and sustainability across the value chain.

KM360 provides farmers, ecosystem actors and clients with access to critical value chain services. Currently operating in 16 districts and encompassing maize, cotton, rice, sunflower, and soya value chains, KM360 has already profiled over 89,000 farmers within the ecosystem.



Digital assets offered by Kilimo Maendeleo, including mobile apps and web-based consoles, enable seamless integration of financial, insurance and value-added services. Utilizing tools like cloud computing, machine learning, and artificial intelligence, these assets streamline financial and insurance services, market linkages, advisory services, and payments.

KM360 responds to various value chain challenges, such as limited access to finance, non-response financial products, inadequate risk mitigation in agriculture lending, fragmented value chains, and absence of transaction records. It facilitates easy access to blended finance, insurance for farming, payment gateways, peer-to-peer payments, bulk payments, integration services for value chain actors, and more.

Aiming for a market potential of 2.2 million farmers from a total of 9.36 million active farmers in Tanzania, Kilimo Maendeleo's revenue streams include commissions on input-output and product

sales, data monetization, client acquisition and retainer fees, transaction and subscription fees, and deposits and credit commissions.

Underlying technologies like the Stawi App, Mazao App, Longa Communication Platform, Stawisha PoS, and JembeCard empower KM360. The start-up's go-to-market strategy includes partnerships, B2B and B2C approaches, and business cases for processors, input suppliers, and banks.

This innovative, digital-first approach positions Kilimo Maendeleo as a pioneering force within the agricultural sector, ripe for investment and growth.

## **EVMAK**

CUSTOMIZED FINTECH SOLUTIONS FOR DYNAMIC BUSINESSES



Fintech solutions to overcome financial complexities for inefficiencies for businesses across sectors







Investment required: **\$250,000** 

EvMak Tanzania, a go-to digital transformation agency, excels in offering tailored fintech solutions for businesses across various sectors, encompassing financial institutions, e-businesses, online retailers, mobile network operators, and both online and traditional commerce.

EvMak's primarily focuses on streamlining financial transactions, addressing complexities and inefficiencies across different industries. Their platform is flexible and scalable, allowing them to provide custom solutions that cater to each business's unique needs.

EvMak's commitment to security ensures robust protocols are in place, offering safety in financial transactions and strict adherence to regulatory standards.

The agency recognizes that payment and integration services are vital components for every business. Therefore, their commitment extends to delivering secure, seamless, and reliable solutions. EvMak's comprehensive services include transaction processing, collection and payout management, reimbursement processing, and transaction reconciliation, designed to empower businesses to manage financial transactions efficiently and effectively.

Through close collaboration with clients, EvMak strives to deeply understand their specific requirements, enabling the creation of solutions that fit these needs precisely. Their team of experienced professionals' prides themselves on their exceptional customer service, providing timely support to clients whenever required.

With EvMakTanzania, businesses can entrust their financial transactions to a secutre, reliable, and scalable platform, allowing them to focus on core operations while EvMak expertly handles their payment and integration needs.



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