



THE 9TH TANZANIA INTERNET GOVERNANCE FORUM (TzIGF) 2022

“The Resilient Internet for an Inclusive Digital Tanzania”

NARRATIVE REPORT



**Holiday Inn Hotel, Dar es Salaam, Tanzania
23rd November 2022**

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Theme: The Resilient Internet for an Inclusive Digital Tanzania

Date: 23rd November 2022

Venue: Holiday Inn Hotel, Posta, Dar es Salaam

Format: Hybrid (Physical and Virtual)

1. Executive summary



IGF 2022 participants in a group photo

The 9th Tanzania Internet Governance Forum (TzIGF) 2022 convened key stakeholders from government, private sector, academia, civil society, and the technical community to deliberate on building a resilient and inclusive digital ecosystem in Tanzania. Held under the theme “The Resilient Internet for an Inclusive Digital Tanzania,” the forum addressed critical issues including cybersecurity, data protection, digital inclusion, emerging technologies, accessibility, and the digital economy.

Discussions emphasized the need for a citizen-centered approach to cybersecurity, expansion of affordable internet access, and strengthening institutional and policy frameworks to support digital transformation. The forum also highlighted the importance of empowering youth, fostering innovation, and ensuring accessibility for persons with disabilities.

Furthermore, the event underscored Tanzania’s role in global internet governance discussions and the importance of multi-stakeholder collaboration in addressing digital challenges. The forum concluded with key recommendations aimed at enhancing digital inclusion, strengthening cybersecurity, and promoting sustainable digital economic growth.

2. Introduction

The Tanzania Internet Governance Forum (TzIGF) is a national multi-stakeholder platform that facilitates dialogue on public policy issues related to the internet. The 9th edition of the forum brought together diverse stakeholders to discuss strategies for achieving a resilient and inclusive digital environment in Tanzania.

The forum provided an opportunity for participants to share knowledge, experiences, and best practices, while contributing to national, regional, and global internet governance processes.

3. Objectives of the Forum

The key objectives of the forum were to:

- Promote inclusive dialogue on internet governance issues in Tanzania
- Enhance awareness of cybersecurity and data protection among citizens
- Identify strategies to bridge the digital divide Explore opportunities presented by emerging technologies
- Promote digital accessibility for all, including persons with disabilities
- Strengthen collaboration among stakeholders in the digital ecosystem



IGF 2022 participants in a session

4. Summary of Proceedings

4.1 Opening Session

The forum commenced with participant registration, introductions, and welcoming remarks from the National Coordinator of TzIGF. The opening session emphasized the importance of inclusive participation and set the tone for collaborative discussions throughout the day.

4.2 Cyber Security through the lens of an ordinary user

4.2.1 Cybersecurity and Data Protection

The session, led by Asha Abinallah of Media Convergency focused on cybersecurity from the perspective of ordinary users. She presented a compelling perspective on cybersecurity and personal data protection from the viewpoint of ordinary citizens. She emphasized that while digital services are expanding rapidly, many users remain unaware of the risks associated with sharing personal information online. She highlighted the urgent need for public education on data privacy, noting that users often unknowingly expose themselves to cyber threats. Asha called for stronger collaboration

between media, government, and technology stakeholders to promote digital literacy and ensure that citizens are empowered to protect their data in an increasingly connected world. highlighting the increasing risks associated with digital engagement and the limited awareness among citizens regarding data privacy.



Amasai choir in a group photo with presenters

Panel Contributions:

Panelists enriched the discussion by offering diverse institutional and practical perspectives. Representatives from the Ministry of Information, Communication and Information Technology outlined the government's ongoing efforts to strengthen national cybersecurity frameworks and policies.

The ISACA Tanzania Chapter emphasized the importance of professional standards, training, and capacity building in cybersecurity.

Khalfan Othman from ZICTIA shared insights into operational cybersecurity challenges within institutions and the need for coordinated responses.

Baraka Meremo, a student innovator, provided a youthful perspective, stressing the role of innovation and education in addressing emerging cyber threats.

4.3 Access and Inclusion



Participants in a session

This session addressed the persistent digital divide in Tanzania, particularly in rural and underserved communities. Panelists discussed regulatory frameworks, infrastructure development, and community-driven initiatives aimed at expanding access to affordable internet services.

Panel Contributions

This session brought together key stakeholders to address the challenge of bridging the digital divide in Tanzania. The Tanzania Communications Regulatory Authority (TCRA) highlighted its regulatory role in promoting widespread and affordable connectivity.

OMUKA Hub shared grassroots experiences in empowering communities through digital tools and local innovation.

TISPA discussed the role of internet service providers in expanding infrastructure and improving service delivery.

UCSAF explained its financial support mechanisms aimed at extending communication services to underserved rural areas.

The Kigamboni Community Network Innovation Hub demonstrated practical use cases, showing how community networks can effectively connect schools and local government institutions, thereby enhancing access and inclusion at the grassroots level.

4.4 Keynote Address

The keynote address by the Minister for Information, Communication and Information Technology underscored the government's strong commitment to advancing Tanzania's digital transformation agenda. The speech highlighted the importance of building an inclusive digital ecosystem that ensures no one is left behind. The Minister emphasized the role of strategic investments in ICT infrastructure, policy development, and innovation in driving economic growth. Additionally, the address called for stronger collaboration among stakeholders to harness the full potential of digital technologies in achieving national development goals.

4.5 Advanced Technologies including Big Data, AI, IoT, and Metaverse

The Meta representative (Metaverse and the Future) introduced the concept of the metaverse, describing it as the next evolution of the internet where users can interact in immersive virtual environments. The presentation explored how the metaverse could transform communication, work, education, and social interaction. It also highlighted both opportunities and challenges, including the need for infrastructure readiness and regulatory considerations.



Desmond Mushi - Meta representative

Panel Contributions:

Ministry of ICT (Digital Transformation and 4IR)

The Ministry's presentation focused on the role of digital institutions in preparing Tanzania for the Fourth Industrial Revolution. It emphasized the importance of policy frameworks, digital skills development, and institutional capacity in driving transformation. The presenter noted that embracing emerging technologies is essential for enhancing productivity and global competitiveness.

Emmanuel Maunganya (Larven Hackathons) highlighted the critical role of youth in driving technological innovation. He discussed how hackathons and innovation platforms are equipping young people with practical skills and opportunities to solve real-world problems. He emphasized the importance of nurturing creativity and adaptability among youth to ensure they remain competitive in a rapidly evolving digital landscape.

Sanket Pandhare (NM-AIST) presented on High Performance Computing (HPC) and its applications in data analytics and scientific research. He explained how HPC can support complex computations and large-scale data processing, enabling advancements in various sectors such as health, agriculture, and education. The presentation underscored the need for investment in advanced computing infrastructure to support innovation.

4.6 Digital Accessibility: Inclusion for People with Disabilities (PwDs)

Dr. Cosmas Mnyanyi (Open University of Tanzania) delivered an insightful presentation on digital accessibility, focusing on the need to include persons with disabilities in the digital ecosystem.

He highlighted the barriers faced by individuals with disabilities when accessing digital services and stressed the importance of designing inclusive technologies. He advocated for the adoption of assistive technologies, inclusive policies, and awareness initiatives to ensure equal participation for all in the digital space.



Dr. Cosmas Mnyanyi

4.7 17th UN led Internet Governance Forum in Ethiopia:



Anja Gengo

Anja Gengo (UN IGF Secretariat) provided an overview of the United Nations-led Internet Governance Forum, explaining its role as a global platform for multi-stakeholder dialogue on internet governance issues. She highlighted the importance of international collaboration in addressing challenges such as cybersecurity, digital rights, and access. The presentation also emphasized the value of Tanzania's participation in global discussions to align national policies with international best practices

4.8 Digital Economy: The necessary disruptions:

Nazar Nicholas (Tanzania Digital Inclusion Program) presented on connecting citizens to digital opportunities through community-organized broadband initiatives. He highlighted how localized internet solutions can empower communities by improving access to information, education, and economic opportunities. His presentation emphasized the importance of inclusive infrastructure and community engagement in building a sustainable digital economy.

Panel Contributions

Panelists discussed the transformative potential of the digital economy and the disruptions required to unlock its benefits.

The ICT Commission outlined national strategies for fostering digital innovation and economic growth.

DOT Tanzania emphasized digital skills development, particularly among youth and women.

Teknohama highlighted its role in supporting startups and nurturing innovation ecosystems.

Collectively, the panel stressed the need for coordinated efforts to create an enabling environment for digital entrepreneurship and inclusive economic participation.



A participant during a Q&A session

4.9 Africa Parliamentary Network on Internet Governance (APNIG)

Hon. Neema Lugangira (APNIG Chair) introduced the Africa Parliamentary Network on Internet Governance (APNIG), emphasizing the critical role of legislators in shaping digital policy. She highlighted the need for informed and proactive parliamentary engagement in internet governance issues, including data protection, cybersecurity, and digital inclusion. Her presentation called for stronger collaboration between policymakers and other stakeholders to ensure effective and inclusive digital governance frameworks.

4.10 Resolutions and Closing

In the closing remarks, the Director General of the ICT Commission summarized the key outcomes of the forum and emphasized the importance of translating discussions into actionable strategies. The remarks highlighted the need for continued collaboration among stakeholders to address challenges in cybersecurity, digital inclusion, and innovation. The Director General encouraged all participants to remain committed to advancing Tanzania's digital agenda and ensuring that the benefits of the internet are accessible to all.

5. Key Outcomes

The forum achieved the following outcomes:

- Increased awareness of cybersecurity and data protection issues
- Enhanced understanding of digital inclusion challenges and solutions
- Identification of opportunities in emerging technologies
- Strengthened multi-stakeholder collaboration
- Development of actionable recommendations for policymakers and stakeholders



Amasai choir in a group photo with some presenters

6. Recommendations

The following recommendations were proposed:

6.1 Cybersecurity and Data Protection

- Strengthen national cybersecurity frameworks and enforcement mechanisms
- Enhance public awareness campaigns on data protection and online safety
- Promote capacity building and professional training in cybersecurity

6.2 Access and Digital Inclusion

- Expand broadband infrastructure to underserved and rural areas
- Support community network initiatives to improve local connectivity
- Promote affordable internet access through policy and regulatory interventions

6.3 Emerging Technologies and Innovation

- Invest in research and development in emerging technologies such as AI, IoT, and Big Data
- Establish innovation hubs and support youth-led technology initiatives

- Promote digital skills development aligned with the Fourth Industrial Revolution

6.4 Digital Accessibility

- Develop and enforce policies that ensure accessibility of digital platforms for persons with disabilities
- Promote the adoption of assistive technologies
- Raise awareness on inclusive digital design practices

6.5 Digital Economy

- Strengthen the digital economy ecosystem through supportive policies and incentives
- Promote entrepreneurship and innovation in the ICT sector
- Enhance digital skills training to enable participation in the digital economy

6.6 Policy and Governance

- Strengthen multi-stakeholder collaboration in internet governance
- Enhance the role of policymakers in shaping digital transformation strategies
- Align national policies with regional and global internet governance frameworks

7. Conclusion

The 9th Tanzania Internet Governance Forum 2022 successfully provided a platform for inclusive dialogue on critical digital issues affecting Tanzania. The forum highlighted the importance of building a resilient, inclusive, and secure digital ecosystem that benefits all citizens.

Achieving this vision will require sustained collaboration among stakeholders, strategic investments, and the implementation of the recommendations outlined in this report. The outcomes of the forum provide a strong foundation for advancing Tanzania's digital transformation agenda and ensuring that no one is left behind in the digital age.

