

Digital Innovation in Pandemic Control (DIPC) Tanzania

An initiative of digital.global

Scaling the Use of Digital Tools for Vaccination Planning, Deployment, and Monitoring

COUNTRY BACKGROUND AND DIGITAL HEALTH

Tanzania is a country in East Africa that has made significant strides in developing its digital health landscape. The government has invested in ICT infrastructure and expanded internet access to rural areas. Tanzania's National eHealth Strategy outlines the country's vision and roadmap for digital health implementation. Mobile health (mHealth) initiatives, such as the Mobile Afya Program, are a key component of Tanzania's digital health landscape.

Health information systems, including the District Health Information System (DHIS2) and electronic medical records (EMRs e.g., GoTHOMIS for PHC facilities and AfyaCare for regional and referral hospital), have been implemented. Tanzania's digital health landscape is characterized by public-private partnerships. However, there are still challenges, including limited digital health literacy, top-down supervision on the importance of using digital platforms, inadequate funding, data security and protection, and poor infrastructure in some areas.

DIPC IN TANZANIA

Digital Innovation in Pandemic Control (DIPC) is funded by the German Federal ministry for Economic Cooperation and Development (BMZ) and implemented in Tanzania through GIZ in collaboration with DigitalSquare/Path and the Government of Tanzania. The project seeks to integrate digital solutions at scale to support pandemic prevention and control, with a focus on vaccine logistics. DIPC has four working packages designed to strengthen Tanzania's digital health system while supporting the use of digital solutions in the vaccine logistics process:

→ **Strengthening the Health System** : DIPC and Digital Square will be working closely with Tanzania's Ministry of Health to accelerate the implementation of digital tools to support sustainable immunization systems in the country. This work will include the localization of the WHO SMART Guidelines for vaccine logistics.

Project	Digital Innovation in Pandemic Control
Funded through	Federal Ministry for Economic Cooperation and Development (BMZ) of Germany.
Country	Tanzania
Partner	PATH - Digital Square
Counterpart	Tanzania Ministry of Health, Community Development, Gender, Elderly and Children
Total Duration	2019 to 2024



- **Building Digital Solutions through an Immunisation Product Suite:** Digital Square will develop an immunization product suite aligned with WHO's Digital Adaptation Kit (DAK) for immunization that combines several software solutions into a fully interoperable software package that provides end to end support for vaccine delivery, with a particular focus on open-source global goods
- **Capacity-strengthening:** DIPC will provide training and support to digital health professionals by strengthening national and local skills necessary to effectively use these tools, and furthermore, enhance the success and sustainability of the digital solutions.

- **Evidence and Innovation:** Collaborating with different partners and rigorous academic and innovative approaches, there will be a continuous work to improve the initiative's implementation approach from a global perspective.

DIPC's contributions to Tanzania's digital health system are expected to improve vaccine distribution and coverage, reduce vaccine wastage, improve informed decision-making, and enhance data management in the vaccine logistics process. By leveraging technology, Tanzania can achieve a more efficient and effective outbreak control and pandemic prevention and the activities of DIPC in the country are an essential step towards this goal.

RELEVANT STATISTICS

Health

- Life expectancy at birth, total (years)66(2020)
- Immunization, measles (% of children ages 12-23 months)76(2021)
- Prevalence of HIV, total (% of population ages 15-49) 4.5 (2021)

Digital Development

- Individuals using the Internet (% of population)22(2020)
- Mobile cellular subscriptions (per 100 people)85(2021)
- Fixed broadband subscriptions (per 100 people)1.95(2021)

DIPC is integrated in the following bilateral and regional projects

- Improving Health Care Provision (IHCPT) in Tanzania

CONTACT

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Our pages at www.bmz-digital.global/en/overview-of-initiatives/digital-innovation-in-pandemic-control-dipc/

DIPC in Tanzania is part of the global programme of DIPC implemented in 5 countries worldwide, please find here the [general overview](#).

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