

Project for Digital Solutions for Health, Nutrition and Medical Services



COUNTRY: Ghana

PROJECT TITLE: Project for Digital Solutions for Health, Nutrition and Medical Services

PROJECT DURATION: October 2021 – September 2023

PARTNERSHIPS: Ministry of Health, Ghana Health Service, Japan International Cooperation Agency (JICA), Japanese private sector

BUDGET: US\$ 4,365,574.62

DEVELOPMENT CHALLENGES

Ghana's has been incorporating digital solutions to improve the quality of its health care. Nationwide roll out however requires large-scale investment in infrastructure as well as human resource capacity development. Another challenge lies in conducting analytics to guide policy planning and service delivery.

A well-performing health workforce that has sufficient staff who are fairly distributed, competent, responsive and productive is another key building block of a strong health system. The Ministry of Health and its service delivery agencies rely on accurate and complete human resource data to inform decision-making and policies. However, getting timely and reliable data continues to be a challenge to the sector leading to poor decisions on equitable distribution of human resource across the country, recruitment of health personnel, incentives, trainings, and budgeting.

OBJECTIVES

The key objective of this project is to improve and enhance collection, analysis, utilisation and management of health and HRH (human resource for health) data with the use of digital technologies for better service delivery and decision making, strengthen health promotion and early detection and diagnosis of common illnesses while achieving beneficiaries' behavioural change for optimal health and seek to establish a referral linkage from health check-ups in community to innovative diagnostics in collaboration with private sector to maximise the impact based on comparative advantages.

PROJECT OUTPUTS

Output 1: Tablet-based electronic tracker deployed and scaled up at the national and sub-national levels.

Output 2: Analysis and utilisation of Ghana's health data in the national health information system DHIMS2 enhanced using NEC solutions such as multi-dashboard, data-driven insight, and AI.

Output 3: Ghana's health promotion and early detection and diagnosis of Non-Communicable Diseases (NCDs), malaria, malnutrition, and anaemia strengthened, and beneficiaries' behaviour change for keeping optimal health achieved in collaboration with NEC, TAF, and Sysmex.

Output 4: Human Resource Information Management System (HRIMS) landscape analysis conducted, the solution for an integrated HRIMS piloted, and policy dialogues on digitalisation of health convened.

CONTRIBUTION TO SDGS

The project will contribute to SDGs 3,17

