PRIMEX EXPERIENCE IN DIGITAL HEALTH

PRIMEX has been providing information and communications technology (ICT) and data management services across sectors since 1996, when **PRIMEX** conducted a rapid review of the existing fisheries information system at the Indonesian Directorate General of Fisheries (DGF); assessed the existing framework for data collection, storage, and retrieval, including the central statistical database system and data processing and reporting systems; and prepared recommendations for the design and implementation of a computerized fisheries management information system (MIS) under the Asian Development Bank (ADB) loan-funded Coastal Community Development and Fisheries Resource Management (COFISH) Project. From 1998-2006, PRIMEX designed, developed, and managed a fisheries MIS and established the Fisheries Management Information Center (FMIC) at the Philippine Bureau of Fisheries and Aquatic Resources (BFAR) under the ADB loan-funded Fisheries Resource Management Project (FRMP).

In the health sector, PRIMEX was Lead Firm in the implementation of the *ADB Regional Technical Assistance (RETA) for Strengthening Epidemiological Surveillance and Response (ESR) for Emerging Communicable Diseases in Indonesia, Malaysia, and Philippines (TA 6305-REG)* from June 2006–August 2008. Under this RETA, PRIMEX designed the *Philippine Integrated Disease Surveillance and Response (PIDSR) System,* which integrated the existing parallel disease reporting systems, transformed the weekly notifiable disease reports into a case-based system, updated clinical protocols and guidelines, built sub-national capacity for ESR, and strengthened ESR support systems. In Malaysia, PRIMEX provided support in the design and introduction of an *electronic laboratory-based information surveillance (eLBIS) system,* which aimed to strengthen the existing ESR system through the development of a web-based application program that will monitor selected pathogens. The features of this web-based system included the following: (i) online notification forms for samples/isolates of bacteria from human and non-human sources and for verification of certain antibiotic resistance; (ii) online laboratory reports from reference laboratories to the diagnostic/primary laboratories; and (iii) the ability to analyze the captured data and produce the relevant required reports. System development began with an IT assessment of the 10 pilot public health laboratories in various parts of the country and culminated with the preliminary testing and fine-tuning of the system.

From 2016-2018, PRIMEX implemented the *ADB TA for Strengthening Capacity for Health Sector Governance Reforms in Lao PDR (TA 9190-LAO),* whose outputs included the design and operation of an online platform, which enabled authorized officials at all levels to access relevant health information.

From October 2012-April 2018, under the *USAID-funded Innovations and Multisectoral Partnerships to Achieve Control of Tuberculosis (IMPACT) Project in the Philippines,* the PRIMEX MIS/IT Specialist developed a website/portal and user-friendly data management system for the project, coordinated data tracking and updating activities of the major project components, oversaw and supported periodic data collection and subsequent updating of the project website, and assisted the Project Management, Monitoring, and Evaluation Unit (PPMEU) in the timely production of progress reports.

Since July 2020, PRIMEX has been providing project implementation and monitoring and evaluation (M&E) support to the Ministry of Health and Social Protection (MOHSP) in the implementation of the *ADB grant-funded Maternal and Child Health Integrated Care Project (MCHCIP) (Grant 6027-TAJ)* in Tajikistan. Under this project, PRIMEX designed, developed, and is supporting the implementation of the computerized project M&E system.