

PATH and Partners Build Connections to Secure Global Health

“With all the knowledge, all the medical talent, all the advanced technologies at our disposal, it is unacceptable if, because of lack of preparedness and planning and global coordination, people are dying when they don't have to.”

US President Barack Obama
Global Health Security Agenda Summit
September 26, 2014

Our interconnected world is at increasing risk of the emergence and spread of infectious disease threats. The 2016 Zika virus outbreak in the Americas and the 2014 Ebola outbreak in West Africa are stark reminders of our collective vulnerability, joining recent threats like avian influenza, MERS, and SARS that, in turn, are part of a longer list of global concerns.

But with these growing connections comes the opportunity to collaborate on the systems and solutions to keep our communities safe. In a new partnership aimed at ensuring and securing health for all, PATH recently joined with the US Centers for Disease Control and Prevention (CDC) and other organizations to help advance the US government's pledge to support, assist, and empower poor countries in anticipating, preventing, and overcoming infectious disease outbreaks. PATH's Global Health Security partnership, a 5-year effort funded by the CDC, will strengthen public health systems in Vietnam, Senegal, and Tanzania, building capacity to prevent, detect, and respond to emergencies of public health importance.

PARTNERSHIP PRIORITIES

Key to the partnership's success are close collaborations between PATH teams in each country with Ministries of Health, local organizations, and the CDC's own country presence. Together, we are strengthening, integrating, and sustaining systems that

are critical to preventing epidemics, detecting threats early, and responding rapidly and effectively.

- We will improve **infectious disease surveillance** to ensure stronger and better linked systems that detect and report threats more rapidly, efficiently monitor trends, and produce actionable data for health programming.
- We will strengthen **laboratory capacity** to implement rapid, high-quality diagnostics, integrated reporting, and strong links with information systems.
- We will foster **integrated information** systems that apply immunization program data, surveillance reporting, and laboratory diagnostics to promptly highlight areas of concern, ensure information flow throughout the health system, and rapidly trigger informed responses.



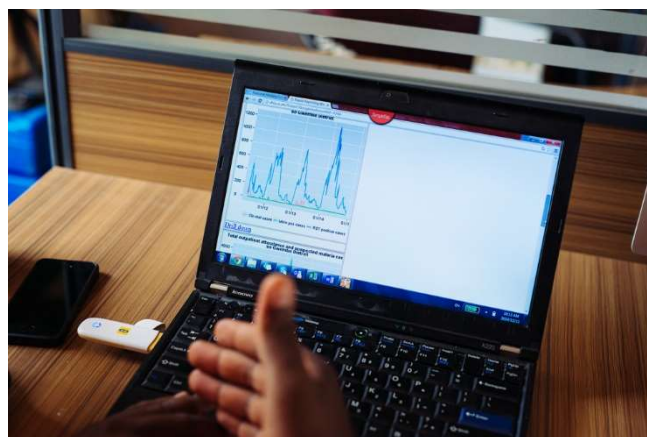
A connected world brings opportunities to work together to ensure communities everywhere are safe and secure from infectious disease threats. PATH/Amyrah Janmohamed

BUILDING COUNTRY CAPACITY

In **Senegal**, we are helping the government develop a national strategic plan for infection prevention and control in health facilities; build laboratory capacity to address anti-microbial resistance; and strengthen national biosafety and biosecurity systems. We also are collaborating to develop a national laboratory network and enhance coordination among diagnostic and surveillance laboratories to build a responsive, cohesive system. Finally, we are strengthening surveillance capacity and management from the community through the national levels.

In **Tanzania**, we focus on multi-disease surveillance and response by identifying and filling gaps in current systems, building capacity in communications during an outbreak, and developing a national strategic plan to strengthen surveillance.

In **Vietnam**, we are convening local experts to develop high-quality information systems for multi-disease surveillance and response. We are recruiting and training data collectors; establishing routine and comprehensive electronic disease reporting; and developing a centralized data warehouse and data visualization platform. We also are helping the Government of Vietnam establish and equip an Emergency Operations Center for streamlined monitoring and response to infectious disease threat. Finally, to develop an effective workforce, we are providing support to the CDC's Field Epidemiology Training Platform (FETP), developing training tools, managing field study grants, and managing the FETP fellowship program.



A connected and comprehensive data management system is central to coordinating and connecting surveillance, diagnostics, and response efforts. PATH/Gabe Bienczycki

Global interconnectedness may bring new risks, but just as important are the greater opportunities to work together. Partnerships fostered by the Global Health Security Agenda will provide a model for sharing resources, expertise, and insight to meet our shared global goal of safety and health for all communities, everywhere.



www.path.org

PATH is the leader in global health innovation. An international nonprofit organization, we save lives and improve health, especially among women and children. We accelerate innovation across five platforms—vaccines, drugs, diagnostics, devices, and system and service innovations—that harness our entrepreneurial insight, scientific and public health expertise, and passion for health equity. By mobilizing partners around the world, we take innovation to scale, working alongside countries primarily in Africa and Asia to tackle their greatest health needs. Together, we deliver measurable results that disrupt the cycle of poor health. Learn more at www.path.org.

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