



USAID
FROM THE AMERICAN PEOPLE

DELIVER PROJECT

Success Story

Bangladesh Teams with the USAID | DELIVER PROJECT to Reduce Reporting Time



LAN launching event in November 2009 with Dr. Zandra Holloway André, Technical Advisor for Avian and Pandemic Influenza, USAID/Bangladesh; Dr. Md. Habibur Rahman, DG, Department of Livestock Services; and Md. Zakir Hossain Sarker, MIS Specialist, USAID | DELIVER PROJECT.

“When I worked at the district level, the processes for managing inventory and reporting took a week and now much of this can be done in a couple of hours time.”

**Director General
Dr. Md. Habibur Rahman,
Department of Livestock Services**

MARCH 2010

This publication was produced for review by the U.S. Agency for International Development. It was prepared by the USAID | DELIVER PROJECT, Task Order 2.

For many countries in the world, including Bangladesh, the global spread of highly pathogenic avian influenza (HPAI)/H5N1 presents a serious social, economic, and security threat, as well as a threat to human health. During the past few years, Bangladesh, a densely populated country, has added significantly more poultry farms. This increases the interaction between humans and birds and increases the risk of transmitting the virus from bird to human.

In March 2007, Bangladesh experienced its first outbreak of HPAI. Despite initial efforts to combat the virus, the outbreaks continued. Development agencies, including the U.S. Agency for International Development (USAID), recognizing the potential severity of HPAI, began implementing plans to contain future avian influenza (AI) outbreaks. In Bangladesh, to limit the spread of the AI virus in poultry, USAID, through the USAID | DELIVER PROJECT (the project), Task Order 2 (TO2), donated outbreak response commodities: personal protective equipment (PPE), decontamination kits, high-powered sprayers, and broad-spectrum disinfectant.

Bangladesh's Department of Livestock Services (DLS) received and continues to store these commodities at their central warehouse. The DLS is responsible for distributing the commodities to the six regional warehouses around the country. In 2007, the project staff in Bangladesh assessed conditions in the central warehouse; they determined that the stock management system used for AI and other commodities was insufficient. As a result, they created the Livestock Warehouse Inventory Management System (LWIMS) to better monitor and manage the storage and distribution of AI commodities.

More recently, the project implemented a local area network (LAN) at the central warehouse offices, with the ultimate goal of establishing a web-based LWIMS for the DLS. Initially, the web-based LWIMS will enable managers to access and manipulate inventory data from the central warehouse and from the 64 district

livestock stores; gradually other DLS facilities will be added. It will include data for USAID-donated AI commodities; after it is fully implemented, the system will include data on all DLS commodities. The web-based LWIMS will improve the visibility of AI commodity stock movement, providing real-time information to the warehouse manager/deputy director, store officers, and concerned officials on incoming and outgoing commodity transactions.

The LAN was launched at the DLS office on November 2, 2009, during a ceremony that highlighted the partnership between DLS, USAID, and the project. It also showed the Director General how the day-to-day work for the staff improved after the LWIMS was implemented. The Director General now fully supports the upcoming rollout of the LWIMS to the 64 district livestock stores and the ultimate introduction of a web-based LMIS to the same offices.

Using the LAN, the DLS central warehouse now efficiently manages its inventory. The central warehouse no longer depends on the cumbersome, time-intensive, paper-based management of stock. The LAN and LWIMS have also increased the visibility of AI stock status for others who do not directly manage the products, including the Director General, store officers, and other concerned officials. The Director General commented that when he worked at the district level, the processes for managing inventory and reporting took a week; now much of this can be done in just a few hours.

The USAID | DELIVER PROJECT, Task Order 2, is funded by the U.S. Agency for International Development, and manages a global distribution mechanism for commodities to prevent and mitigate outbreaks of existing and emerging pandemic threats. Task Order 2 also assists in forecasting and procurement planning for developing countries and helps pre-position commodities in national and regional warehouses for rapid deployment in case of outbreaks.

The authors' views expressed in this publication do not necessarily reflect the views of the U.S. Agency for International Development or the United States Government.

USAID | DELIVER PROJECT

John Snow, Inc.

1616 Fort Myer Drive, 11th Floor

Arlington, VA 22209 USA

Phone: 703-528-7474

Fax: 703-528-7480

Email: askdeliver@jsi.com

Internet: deliver.jsi.com