

Strategies to Prevent (STOP) Spillover

Impact Brief

Bangladesh

Intervention to improve biosecurity at Live Bird Markets (LBM)

Activity 2.2.2.1: Support LBM stakeholders to develop and implement a holistic, multi-pronged design for LBM with improved biosecurity and hygiene measures that reduce the risk of spillover

INTRODUCTION

The STOP Spillover Country Team at icddr,b collaborated with national and local stakeholders to develop a holistic intervention to improve biosecurity and biosafety of live bird markets, including infrastructural renovation, biosecurity and biosafety guidelines, compliance monitoring, funding mechanism, and advocacy. Stakeholders from diverse sectors contributed, resulting in customized designs suitable for the context of Dhaka city. With funding support from Islam Group (a private sector partner) and technical support from USAID's STOP Spillover project, the intervention was implemented in a poultry shop in Dhaka North City Corporation area.

On March 18, 2024, a formal inauguration event was held to mark the launch of the biosecure poultry shop, with representatives from USAID, Institute of Epidemiology Disease Control and Research and One Health Secretariat, Tufts University, Islam Group, and icddr,b. Representatives found a renovated, clean, and attractive shop where biosafety standards are implemented to reduce risks to vendors and customers alike.



Inauguration of renovated LBM with improved biosafety conditions

Expected Outcomes

- LBM Stakeholders able to utilize single-shop and multi-stall LBM designs with improved infrastructure and biosecurity and biosafety measures that reduce the risk of spillover
- Functionality and effectiveness of biosecure LBM intervention are assessed, and barriers and enablers, and advantages and disadvantages are explored
- This activity contributes to JEE Indicators: R1.6. Research, development, and innovation and P7.1. Whole-of-government biosafety and biosecurity system is in place for human, animal, and agricultural facilities

ACTIVITY AT A GLANCE

Activity 2.2.2.1 (Single-shop LBM – Phase I)

During the visit of Dr. Jonathon Gass and Dr. Bernard Arulanandam along with a representative from USAID-Washington, STOP Spillover country team and representatives from USAID Bangladesh Mission engaged in the following activities:

- Visited the single-shop LBMs (both control and intervention) and participated in the inauguration ceremony
- Members of the STOP Spillover country team presented updates and results of various aspects of the intervention's implementation and evaluation
- Participated in a meeting at the USAID Mission to discuss project updates and future directions
- Participated in a meeting at Dhaka North City Corporation (DNCC) to discuss future planning for improving LBM biosecurity and biosafety



Biosecure Single-Shop visit



Meeting at DNCC

Pictures Courtesy of STOP Spillover Bangladesh Team

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