

Strategies to Prevent (STOP) Spillover

Impact Brief

Bangladesh

Avian Influenza Virus (AIV) Risk Reduction Initiatives in Bangladesh: STOP Spillover Workshop Highlights

In Bangladesh, STOP Spillover initiative focuses on bolstering the nation's ability to mitigate the amplification and spread of avian influenza virus (AIV). By monitoring and characterizing risks, developing, and implementing interventions, the project aims to reduce the risk of AIV spillover from animals to humans. The Bangladesh Country Team's vision involves reducing AIV risks at the live bird market (LBM) interface through multimethod research, validating risk reduction interventions, and enhancing information-sharing platforms and early event detection systems for at-risk communities and populations.

On May 25, 2024, the STOP Spillover Bangladesh Country Team organized a workshop at icddr,b, bringing together key stakeholders and experts from government organizations, academia, research institutions, development partners, poultry industry, and LBMs. This workshop served as a collaborative platform for participants to provide valuable feedback on study findings, discuss challenges, and plan for future implementation. The sessions offered a comprehensive overview of STOP Spillover activities in Bangladesh, with a focus on implementation and evaluation of biosecure single-shop LBM designs, enhancing data and information-sharing platforms, and development and implementation of an app-based early event detection system for LBMs.

Facilitated by Ms. Nadia Ali Rimi (Country Team Lead), Prof. Dr. Emdadul Haque Chowdhury (Vice Chancellor, Bangladesh Agricultural University), Dr. Rebeca Sultana, and Dr. Ireen Sultana Shanta, the workshop fostered a collaborative environment. The expert guidance and collective efforts provided a path forward to ensure continued progress toward achieving the project's objectives.



Presentation on single-Shop LBM intervention



Presentation on preliminary laboratory findings of collected samples for interventions assessment (2.2.2.1)

ACTIVITY AT A GLANCE

Workshop on STOP Spillover activities in Bangladesh

- Implementation of the intervention in the single-shop LBM (2.2.2.1) and findings of the assessment of the intervention's effectiveness in improving biosecurity and biosafety practices, as well as reducing avian influenza virus (laboratory findings) were presented and discussed
- Addressed STOP Spillover's methodological approach towards finding solutions for issues identified from evaluation of previous interventions (1.2.6.1) and challenges affecting successful adoption and sustainability of present intervention
- Presented and discussed activities to enhance information and data sharing platforms (2.2.2.2)
- Presented and discussed implementation of the app-based early event detection system (2.2.2.3) in two selected LBMs and preliminary findings



Presentation on implementation and initial findings of app-based early event detection system (2.2.2.3)



Discussion on challenges and way forward based on study findings



Participants sharing insights on study findings



Participants sharing insights on study findings

Photos courtesy of STOP Spillover Bangladesh team

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