

# Strategies to Prevent (STOP) Spillover

## Impact Brief

### Bangladesh

#### Infrastructural intervention for a biosecure Live Bird Market (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

A comprehensive intervention was developed by the Country Team based on the findings of two research studies. Through workshops involving national and local stakeholders, we developed a holistic biosecure LBM design, which includes principles for infrastructural improvements, biosafety guidelines, a compliance monitoring plan, a sustainable funding mechanism, and an advocacy strategy. Key stakeholders from various sectors participated in the workshops, resulting in tailored biosecure LBM designs for the Bangladeshi socio-cultural context.



*Poultry sale and consumer zones (pre-intervention)*



*Poultry-keeping zone (pre-intervention)*

#### Expected Outcomes

- LBM Stakeholders are 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



*Infrastructural renovation of single-shop LBM*



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## ACTIVITY AT A GLANCE

### Activity 2.2.2.1 (Single-shop LBM – Phase I)

- Completed consumer survey, qualitative exploration, sample collection, and lab testing and initiated data analysis of pre-intervention assessment
- Completed pre-intervention virtual reality (VR) video editing of single-shop LBM intervention
- Using funds from industry partners, procured poultry keeping cage and slaughtering and processing equipment manufactured as per the biosecurity guidelines
- Secured feedback from poultry workers through group discussion on design, biosecurity, and biosafety guidelines and modified those accordingly for single-shop LBM intervention
- Monitored shop construction work by consulting engineers and biosecurity experts
- Completed infrastructural renovation at single-shop LBM intervention and opened business operations in the renovated shop
- Conducted training for the poultry workers of the single-shop LBM on biosafety and biosecurity guidelines and initiated troubleshooting



*Poultry keeping zone (post-intervention)*



*Slaughtering Zone (post-intervention)*



*Poultry Sales and Customer zone (post-intervention)*



*End of Day Cleaning (post intervention)*