

# Capacity building through training in Antimicrobial resistance control in Uganda's poultry value chains



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## Affiliations

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## Introduction

Following a key multi stakeholder engagement (2021), a number of interventions guided by Uganda's Antimicrobial resistance (AMR) National Action Plan (NAP) were identified of which training was seen as one with high need and feasibility to implement. This training was then designed to address some of the gaps identified in the baseline survey done by VSFG (2020). The intervention seeks to boost knowledge in poultry health dynamics and AMR control thus slow down agricultural practices linked with AMR emergence and spread.

## Training frame work

In figure 1, the process of developing the trainers' manual has been customized to 4 stages. The developed content looks at 1) Understanding Antimicrobial resistance, 2) Principles of Infection Prevention and Control in poultry production. Frontline animal health service providers (Trainers) from Wakiso and Soroti will be equipped to re-tool other actors (majorly farmers).



AMR occurs when microbes adapt & become less tolerant to medicines

The disc diffusion test is one of old time diagnostics if used can foster positive treatment outcomes when managing infections

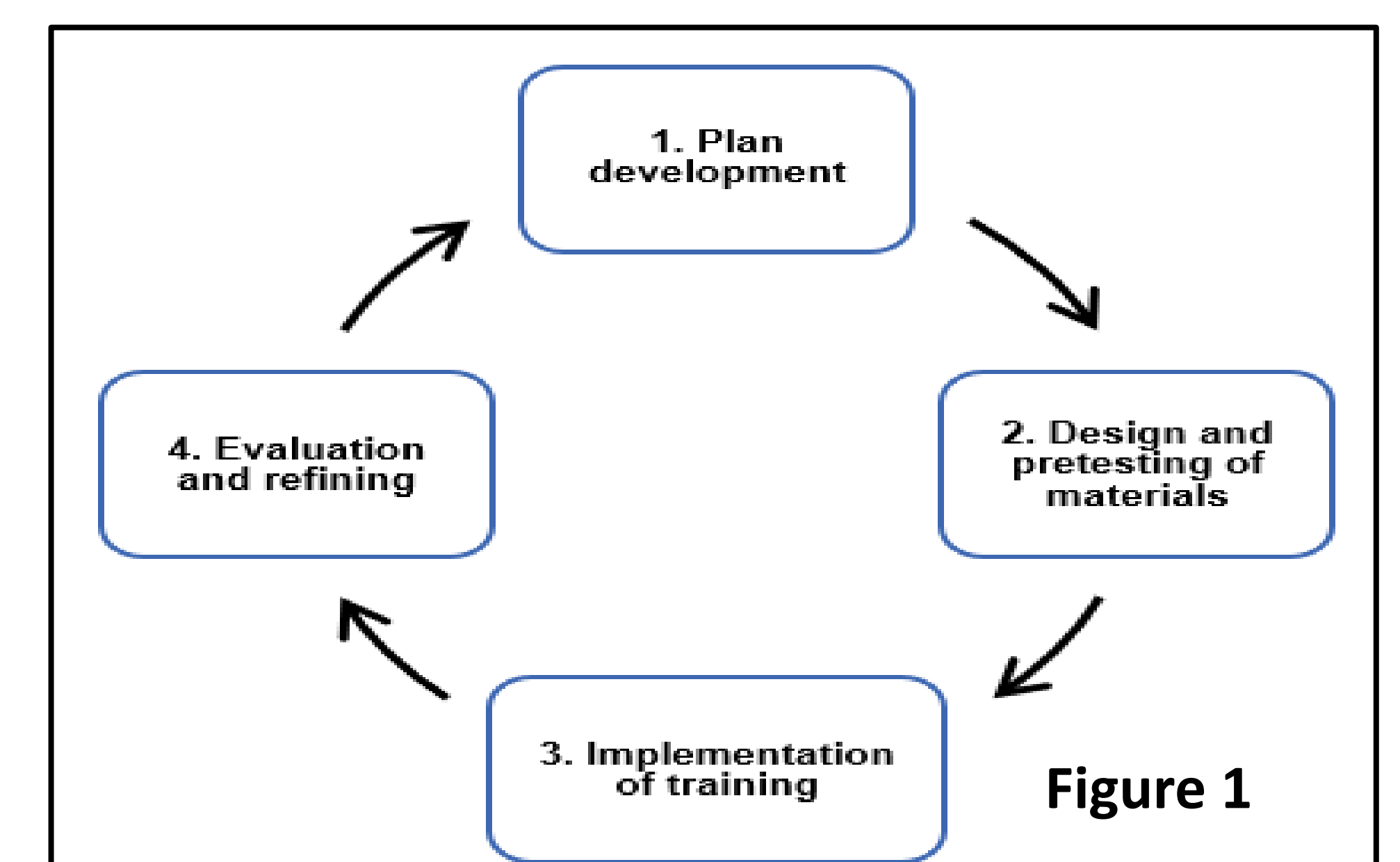


Figure 1



### 1. Understanding Antimicrobial resistance

The content explains to a lay man the definitions related to AMR, overview of antimicrobials, the burden of the problem, who is at risk, emergence and spread and actions to reverse this problem



### 2. Principles of infection prevention and control in poultry production

The content explains aspects related to poultry management such as husbandry (nutrition, housing), biosecurity, vaccination programmes, diseases and health care management (use of diagnostics and antibiotics)



On farm biosecurity practiced by a visitor at one of the poultry farms we visited in Wakiso

## Contribution to Uganda's livestock development agenda

Our actions support implementation of the Uganda AMR-NAP to reverse harmful impacts of agriculture-associated AMR in societies.

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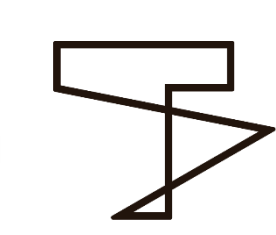
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Seventeen Triggers



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