

Optimizing Vaccination and Biosecurity Regimes to Enhance Fight Against Antimicrobial Resistance in Commercial Poultry Production in Tanzania

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INTERNATIONAL
CENTRE FOR
**ANTIMICROBIAL
RESISTANCE**
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What is the problem?

- The intensification of poultry production has increased the risk of devastating losses caused by diseases and a parallel increase in use of antimicrobials in poultry production
- Overuse and non-prudent use of antimicrobials in commercial poultry production increase the AMR risk in chicken, and subsequently humans through consumption of eggs and meat



What is our solution?

- Improving vaccination and biosecurity to limit diseases in poultry production
- Reduction of poultry diseases will reduce the need to use antimicrobials, and safer poultry products with less antimicrobial residues will be produced.
- Reduction of antimicrobial use (AMU) in commercial poultry production will also reduce the risk for AMR.



Intended outcomes

- Improved behavior, uptake and skills of commercial poultry farmers towards vaccination and biosecurity measures
- Increased demand of inputs and products in commercial poultry production
- Improved knowledge and skills across stakeholders for implementation of vaccination and biosecurity in commercial poultry production



Scale-up and sustainability

1st consideration: Identification of incentives and barriers for the adoption of vaccination and biosecurity in commercial poultry production



2nd Consideration: Documentation of on-farm implementation process for capacity building, and a tailored scale up.



3rd Consideration: Provide information on the necessity for new legislation and policy on antimicrobials

Thank you!



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