

***"An ecohealth approach to develop a strategy for the prudent use of antimicrobial to control antimicrobial resistance in human health, animal health and environmental health in Vinh Phuc province"***

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## **A. PROGRAMS, PROJECTS WERE COLLABORATED WITH NATIONAL INSTITUTE FOR VETERINARY RESEARCH IN VINH PHUC PROVINCE**

- 1. Study on vaccine for Foot and Mouth Disease, 2005 - 2007;**
  - 2. “Research on the effectiveness of the measures in control and prevention avian influenza in several related countries in Asia ”, 2009 - 2011**
  - 3. “Research measures to reduce pollution and common diseases on chickens at house-farming in North area of Vietnam. ”, 2012-2013;**
- ❖ These programs were assessed with high accomplishment in organization and implementation.**

## **B. PROGRAMS ARE CARRYING OUT IN VINH PHUC PROVINCE:**

1. “Coordinate surveillance of dangerous infectious diseases in cattle and poultry in Vinh Phuc province”, 2014.

***2. Research a strategy for the prudent use of antimicrobial to control antimicrobial resistance in human health, animal health and environmental health in Vinh Phuc province***

- significant research with clear purpose and object and meaning
- referring to emergent issues
- modern and scientific methods , comprehensive approaches to the objects

# CÁC BƯỚC ĐÃ TRIỂN KHAI TẠI VĨNH PHÚC:

**NIVR**

Document No: 259/VTY-KHĐT-  
HTQT

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NN3

**PEOPLE'S  
COMMITTEES**

**NIVR had sent official suggestion to coordinate with local veterinary agencies in Vinh Phuc for implementation the research**

**Vinh Phuc People's Committee consented the official suggestion from NIVR, assigned Agricultural Department and Department of Health put it into effect.**

# CÁC BƯỚC TRIỂN KHAI:

**Meeting between NIVR and government agencies in Vinh Phuc province**





**Vinh Phuc Sub-dept DAH and NIVR discuss how to carry out the project**



**choose study  
scale**



**trial  
questionnaire**

## DIFFICULTIES

- The coordination and exchange information between Human Medicine and Veterinary Medicine are not close enough, not high efficiency, while the ecohealth approach need to be closely coordinated between the two domains
- The knowledge of the people, the government agencies and even local specific management agencies are not comprehensive.
- There are many concepts, content, methods are so difficult to understand and study objects

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## SOLUTIONS

- Specialized Agencies unified two side of research
- Prior to the official implementation, to ensure that all members must participate in field training
- The deployment of the content of research involving more subjects, inter-agency there should be government involvement in social participation;
- The concepts and contents of the questionnaire must be easy to understand for the majority of interviewees...

❖ However, with the strong connection between NIVR and Animal Health sub-Department in Vinh Phuc province, along with the resources supported by related programs, projects, agencies; especially from work experience in some researches before, Vinh Phuc Veterinary sub-Department believes that the program "*An ecohealth approach to develop a strategy for the prudent use of antimicrobial to control antimicrobial resistance in human health, animal health and environmental health in Vinh Phuc province*" will be successful, and will change perceptions of people, specific agencies and authorities from which will have reality actions to change their habits in using biotic, create and complete the management methods to minimize the risk of antibiotic resistance, protecting human health and ecological environment in the province.





*Thank you*