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Department of Agriculture
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The Philippine Action Plan to Combat Antimicrobial Resistance: One Health Approach

Presented at the “Workshop on National Action
Plan on Antimicrobial Resistance for Developing
Countries Focusing on Resistance Emanating
from Antibiotic Use in Food Animals”
New Delhi, India

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AMR Strategies at the Global and National Levels

“One Health Approach”

- recognizes the interdependence of the human, animal, environmental, and economic sectors in determining the health impacts and considerations of a country, and it is only through integrated approach that AMR can be solved.





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AMR – The Philippine Status and Response





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The readiness of a country to overcome the AMR challenge is reflected thru 3 important factors:

- 1) the availability of a comprehensive and sustainable national action plan;
- 2) the presence of an established national body; and
- 3) the existence of policies that serve as guides for frameworks of action.





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Cognizant of the public health threats of AMR to both humankind and animal health, with consequences affecting various sectors, President Benigno Aquino III, in 2014 passed the A.O. 42, which orders the creation of a multisectoral body focused on establishing mechanisms to integrate all initiatives into a single concerted action plan called the **Inter-Agency Committee on AMR (ICAMR)**.



ADMINISTRATIVE ORDER NO. 42

- Creating an Inter-Agency Committee for the Formulation and Implementation of a National Plan to Combat Antimicrobial Resistance in the Philippines



MALACANAN PALACE
MANILA

BY THE PRESIDENT OF THE PHILIPPINES

ADMINISTRATIVE ORDER NO. 42

CREATING AN INTER-AGENCY COMMITTEE FOR THE FORMULATION AND IMPLEMENTATION OF A NATIONAL PLAN TO COMBAT ANTIMICROBIAL RESISTANCE IN THE PHILIPPINES

WHEREAS, antimicrobial resistance (AMR) has been identified by the World Health Organization (WHO) and the World Organization on Animal Health, as well as other policy-makers, scientists, professionals, and civil society groups, as a global threat to humankind and animal health because it reduces the effectiveness of antimicrobial medicines;

WHEREAS, AMR has serious health and economic consequences, such as increased mortality, prolonged illness, increased cost of health care, and adverse impact on trade and foreign affairs;

WHEREAS, there is a need to ensure efficient government response to control AMR through the formulation, adoption, and implementation of a comprehensive national plan that would integrate, coordinate, and develop sustainable and collaborative systems and mechanisms to combat AMR in the Philippines;

WHEREAS, the creation of an inter-agency committee to formulate and implement the plan can rationalize, harmonize, streamline, integrate, and unify the efforts of government agencies to address the AMR problem; and

WHEREAS, the Philippines has committed to the WHO Six-Point Health Policy Agenda as a response to the efforts to control and prevent AMR.

NOW, THEREFORE, I, BENIGNO S. AQUINO III, President of the Philippines, by virtue of the powers vested in me by law, do hereby order:

SECTION 1. Creation and Composition. The Inter-Agency Committee (hereinafter referred to as the Committee) is hereby created, to be composed of representatives from the following:

Co-Chairs: Department of Health (DOH)
Department of Agriculture (DA)

Members: Department of Science and Technology (DOST)
Department of the Interior and Local Government (DILG)
Department of Trade and Industry (DTI)

DOH shall provide secretariat support to the Committee.



THE PRESIDENT OF THE PHILIPPINES





ADMINISTRATIVE ORDER NO. 42

| | |
|---------------------|---|
| Composition: | |
| Co-Chair: | - Department of Health |
| | - Department of Agriculture |
| | |
| Members: | - Department of Trade and Industry |
| | - Department of Science and Technology |
| | - Department of Interior and Local Government |





The Philippine Action Plan to Combat AMR – One Health Approach

- 3-year national action plan developed by the Inter-Agency Committee on AMR as mandated by a national policy issuance signed by the Office of the President in 2014
- Officially launched last Nov 2015 in a multi-stakeholder national AMR Summit in celebration of the 2015 World Antibiotics Awareness Week





Philippine Action Plan to Combat AMR: One Health Approach

Vision

A nation protected against the threats of antimicrobial resistance

Mission

To implement an integrated, comprehensive and sustainable national program to combat AMR geared towards safeguarding human and animal health while preventing interference in the agricultural, food trade, communication and environmental sectors





Philippine Action Plan to Combat AMR: One Health Approach

1
Awareness, Governance
and Leadership
Policy and Planning



2
Surveillance and laboratory capacity



3
Access to essential
medicines of assured
quality



4
Regulation and
Promotion



7
Risk
Communication



5
Enhance infection prevention and
control across all settings



6
Innovation, Research and
Development



**RATIONAL
ANTIMICROBIAL
USE AMONG
HUMANS AND
ANIMALS**



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Philippine Action Plan to Combat AMR: One Health Approach

- Aligned with the WHO Global and Regional Agenda to combat AMR
- High level accountability (involvement of Office of the President and Secretaries involved)
- National priority agenda
- Multi-sectoral strategic planning
- Clear timelines, targets, responsible agencies and costing for every activity
- Budgetary requirements for identified activities are included in the work and financial plans of the responsible agencies
- Defined indicators for the Monitoring & Evaluation plan

**The Philippine Action Plan
to Combat Antimicrobial Resistance:
One Health Approach**



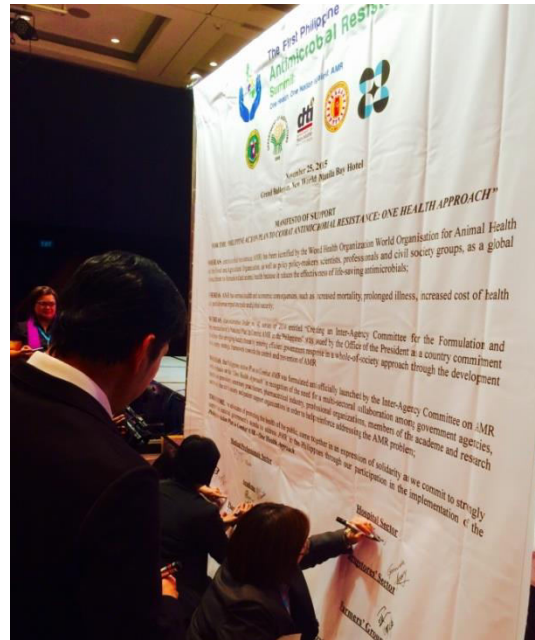


The First Philippine Antimicrobial Resistance Summit:

One Health, One Nation against AMR



Launching of the National Action Plan



Private Sector's commitment: Manifesto of Support



International
Partners

Wide stakeholder engagement with health professional organizations, the industry, academe, patient support groups, media and the public



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Department of Agriculture – Philippine Action Plan on AMR





AMR-DA-TWG

- Created by virtue of **Department of Agriculture Special Order No. 695 s 2014**, as amended by **Department of Agriculture Special Order No. 319 s2016**
- **Lead Office:** Office of the Assistant Secretary for Livestock
- **Coordinating Agencies:** NMIS, BAI, BFAR, NDA, PCC





AMR-DA-TWG

- Coordinating DA Agencies:



Bureau of Animal Industry



National Meat Inspection service



Bureau OF Fisheries and Aquatic Resources





AMR-DA-TWG

- Coordinating DA Agencies:



National Dairy Authority



Philippine Carabao Center





OBJECTIVES

- **To establish local evidence** for the emergence and spread of antimicrobial resistant pathogens in food producing animals and their transfer to human pathogens through food chain;
- **To strengthen regulatory policies and control measures** for the prudent use of antimicrobials in animal husbandry and aquaculture;





OBJECTIVES

- To build the physical and manpower infrastructure for antimicrobial resistance testing, monitoring, surveillance and research;
- To generate multisectoral understanding and support of the DA vision, mission, strategic plan and activities for the control of AMR





Key Strategy 1: Commit to a **comprehensive, financed national plan** with accountability and civil society engagement

Objectives

- To forge a **joint action plan** and **agreement** among **national agencies**
- To **generate resources** and enhance **internal and external networking**

KS 1: Activities

- Information dissemination on AO No. 42
- Identification of representatives for the ICAMR
- Creation of DA TWG
- Development of project proposals for funding
- Lobbying for government budget
- Budget proposals for continuous appropriations in GAA





Key Strategy 2: Strengthen surveillance and laboratory capacity

Objectives

- To **improve the capacities** of health personnel, hospitals and laboratories
- To **develop programs and systems** for **surveillance and monitoring** of AMR



KS 2 Activities:



**STRENGTHEN
SURVEILLANCE
& Laboratory
Capacity**

- Identification of DA national/regional labs
- Assessment and inventory of relevant resources
- Hiring and training of personnel;
- Improvement for AMR labs
- Development of surveillance and monitoring system for AMR/AMU in food-producing animals;
- Data collection/sampling/testing/analysis



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Key Strategy 3: Ensure **uninterrupted access to essential medicines of assured quality**

Objectives

- To improve the **registration, marketing authorization** and **post-marketing surveillance** of antimicrobials
- To ensure **access to essential medicines**



KS 3 Activities

Access to
essential
medicines of
good quality

- Process streamlining of review and release of marketing authorization of new antibiotics
- Development of database of registered antimicrobials
- Quality monitoring of veterinary drugs;
- Monitoring of use of unregistered antimicrobials in animals;
- Forging an agreement on regulatory control over drugs used in aquaculture;



KS 3 Activities:

- Rationalization and harmonization of regulatory control over the manufacture and use of antibiotics in animals
- Forging of partnership with healthcare professionals, organizations and consumer groups;
- Review of issuances related to access to antimicrobials;
- Strict enforcement of regulations on antibiotics prescription, dispensing and use.



Key Strategy 4: **Regulate and promote rational use of medicines,** including in animal husbandry, and **ensure proper patient care**



Objectives

- To foster an enabling environment for the **rational use of medicines**



KS 4 Activities:

- **Improved implementation on policy on prescribing and dispensing of vet drugs;**
- **Conduct of dialogue with clients, stakeholders, industry;**
- **Training on international standards on veterinary medicinal products;**
- **Creation of "Veterinary Formulary Executive Council";**



KS 4 Activities

- Institutionalization of Philippine Practice Standards for Veterinarians in relation to dispensing of Antimicrobials;
- Development of national antibiotic guidelines in animal health;
- Development of antimicrobial stewardship program in animal husbandry;
- Conduct of coordination meetings and workshops for policies with local government units



Key Strategy 5: Enhance infection prevention and control across all settings

Objectives



To implement programs on **Infection Prevention and Control (IPC)**



KS 5 Activities

- **Implementation of Good Animal Husbandry practices (GAHP) and Good Aquaculture Practices (GAqP) as Philippine National Standards;**
- **Strengthen animal health system capacity**



Key Strategy 6: Foster innovations and research and development for new tools

Objectives

Innovation
Research and
Development

6

- To **prioritize AMR** in fields of research
- To disseminate **scientific information relevant to AMR**



KS 6 Activities

- Inclusion of AMR detection, prevention and control in the National Unified Health Research Agenda and unified IT program on AMR to the e-Health development plan;
- Engaging academic and other research institutions;
- Develop AMR research agenda for animal health
- Inventory of AMR-related research activities on animals;
- Upgrade existing IT system



Key Strategy 7: Development of **Risk Communication Plan** to combat AMR



Objectives

- To develop a **targeted risk communication plan for AMR**



KS 7 Activities

- Launch of AMR pledge in Veterinary Sector;
- Conduct of KAP study for the farmers, stakeholders on prudent AMU and impact of uncontrolled use of antimicrobials;
- Development of communication plan specifically anchored to Good Veterinary Practices targeting Veterinarians and IEC plan;
- Production and distribution of IEC materials;
- Conduct of advocacy meetings with stakeholders



USE ANTIBIOTICS RESPONSIBLY

- There is an increasing production and consumption of food from animals and consumers are more conscious of the safety of the food of animal origin, one of the foremost concerns is the emergence of antimicrobial resistance.
- WHO has identified antibiotic resistance as a major public health threat.
- Everyone can make a difference by committing to use antibiotics responsibly.

I take the pledge today.

I, _____ pledge to:

1. USE ANTIBIOTICS ONLY TO TREAT A SPECIFIC DISEASE AND NOT TO PROMOTE GROWTH FOR FOOD ANIMAL PRODUCTION.
2. PROPERLY USE ANTIBIOTICS ON ANIMALS ONLY AS PRESCRIBED BY A DULY LICENSED VETERINARIAN.
3. APPLY GOOD ANIMAL HUSBANDRY PRACTICES AND GOOD AQUACULTURE PRACTICES TO PREVENT THE SPREAD OF DISEASE AND TO MINIMIZE THE USE OF ANTIBIOTICS IN FOOD PRODUCING ANIMALS.
4. BE AN INSTRUMENT OF KNOWLEDGE TO EDUCATE AND INSPIRE LIVESTOCK AND AQUACULTURE PRODUCERS, PET OWNERS AND ORNAMENTAL FISH HOBBYISTS ON THE PROPER USE OF ANTIBIOTICS.

AMR PLEDGE





WAY FORWARD

Priority Activities 2016:

- 1. Information and Education Campaign**
- 2. Pilot Surveillance Activities (on-going)**
- 3. Development of Veterinary Drug Formulary**
- 4. Monitoring of Antimicrobial Use**
- 5. Expansion of Membership for TWG on AMR**
- 6. Philippine Antibiotic Awareness Week**



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**WIN THE / AGAINST
WAR / AMR**

