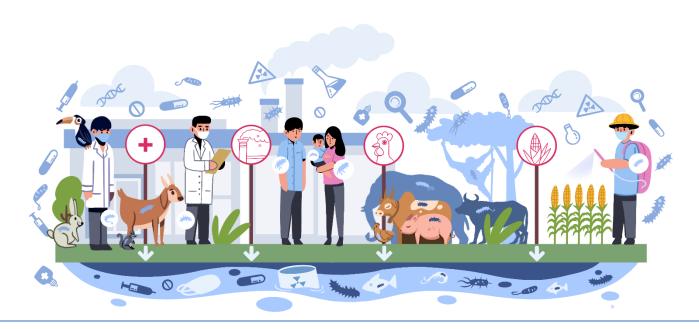


# WOAH Standards related to AMR, SFVP and ANIMUSE









scientific evidences reported

back in **1948** 

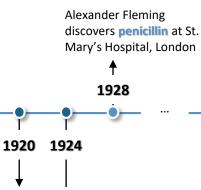
**— 776 —** 

2º Le praticien ne doit pas utiliser les antibiotiques au gré de sa fantaisie, mais en suivant les règles qui ont été fixées par l'expérience.

L'utilisation des antibiotiques contre des germes insensibles à leur action ou particulièrement résistants, l'emploi de doses trop faibles ou pendant un temps trop bref entraînent des dépenses inutiles, peuvent faire apparaître des germes résistants, retardent d'autant la mise en œuvre d'un traitement efficace et conduisent à des échecs qui nuisent à une méthode qui, lorsqu'elle a été judicieusement et correctement appliquée, a permis de sauver nombre de vies humaines et animales.

"Practitioner must not use antibiotics at the discretion of his fantasy, but following rules that have been set by experience.

**Use** of antibiotics **against insensitive germs** or specifically resistant, utilization of too weak doses or through a too short time frame, can reveal resistant germs, delaying the set of an efficient therapy and lead to treatment failures, harming a method that, when judiciously and correctly applied, has saved numerous human and animal lives"



Rinderpest outbreak in Belgium as

a result of zebus originating from India and destined to Brazil.

Numerous ravages in livestock

and livelihoods across the globe

The World Organisation for Animal Health (WOAH)

We are an intergovernmental organisation working across borders to improve the health of animals and therefore, our future.

#### OIE 1st Global **OIE 2<sup>nd</sup> Global** Conference on Conference on **AMR AMR** World Organisation for Animal Health 2018 2013 2022 2016

183

75+

300+

Reference Centres

official

in Paris, France

## **Transparency**

Ensure transparency in the global animal disease situation

## **Scientific information**

Collect, analyse and disseminate veterinary scientific information

## **International solidarity**

Encourage international solidarity in the control of animal diseases

#### Office International des **Epizooties (OIE)**

is created by agreement of 28 States, to improve animal health, and to ensure coordinated prevention, preparedness & response, in case of outbreaks

# Sanitary safety

Safeguard world trade by publishing health standards for international trade in animals and animal products

# **Promotion of veterinary**

Improve the legal framework and resources of national Veterinary Services

# Food safety and animal

To provide a better guarantee of food of animal origin and to promote animal welfare through a science-based approach

welfare

Shop, Kampot, Campodia, 25-27 Iviarch \_\_\_\_

In 2016, WOAH's 84th General Assembly unanimously adopted Resolution 36, which mandated WOAH to

compile AMR activities into a strategy – Four Pillars



INCREASE
AWARENESS &
UNDERSTANDING

STRENGTHEN
SURVEILLANCE &
RESEARCH

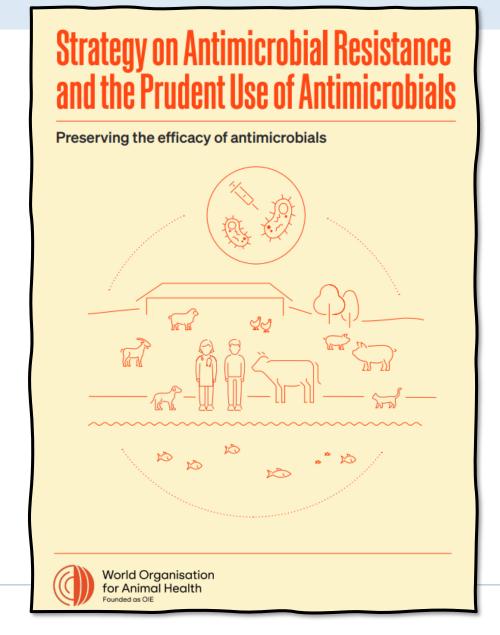




SUPPORT
GOVERNANCE &
BUILD CAPACITY

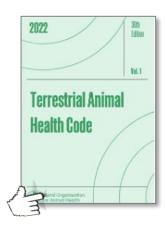
IMPLEMENT STANDARDS





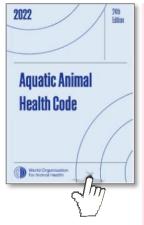
#### **Encourage implementation of international standards**

#### **Terrestrial Animal Health Code**



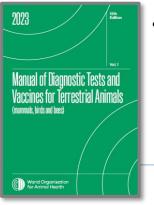
- Ch.6.7. Introduction to the recommendations for controlling antimicrobial resistance
- Ch.6.8. Harmonisation of national AMR surveillance and monitoring programmes (updated in May 2018)
- Ch.6.9. Monitoring of the quantities and usage patterns of antimicrobial agents used in food-producing animals (Agreement on definitions)
- of antimicrobial agents in veterinary medicine
- Ch.6.11. Risk analysis for AMR arising from the use of antimicrobial agents in animals
- Extension to non-food producing animals
- Inclusion of national action plans and need for One Health approach
- Strengthening environmental impact of antimicrobial use
- Clarifying and detailing responsibilities & actions for all concerned actors
  - ☐ Competent authorities
  - ☐ Pharmaceutical industry
  - ☐ Wholesale & retail distributors
  - Veterinarians
  - Animal feed manufacturers
  - ☐ Food animal producers
  - Owners of non-food producing animals

#### **Aquatic Animal Health Code**



- Ch.6.2. Principles for **responsible and prudent** use of antimicrobial agents in aquatic animals
- Ch.6.3. Monitoring of the quantities and usage patterns of antimicrobial agents used in aquatic animals
- Ch.6.4. Development and harmonisation of national AMR surveillance and monitoring programmes for aquatic animals
- Ch.6.5. Risk analysis for AMR arising from the use of antimicrobial agents in aquatic animals

# Manual of Diagnostic Tests and Vaccines for Terrestrial Animals



 Ch. 2.1.1 Laboratory methodologies for bacterial antimicrobial susceptibility testing

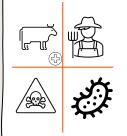
**WOAH Terrestrial and Aquatic Codes & Manuals** 

#### **Substandard & Falsified Veterinary Products project**

- Worldwide, 1.3 billion people raise livestock
- Global trade of VMPs estimated at US\$30 billion/ year

52 % of 1246 VMPs tested in Africa & Asia were SFVPs

- Negative impact on animal health & farming communities
- Risk of AMR
- Hinders achieving SDGs





**OIE 2<sup>nd</sup> Global Conference R # 6.** To explore the possibility of building an information system of falsified or substandard drugs in the animal sectors illegally circulating within and between countries and building on the experience of the monitoring systems set up by WHO for drugs designated for human use taking a "One Health" approach.

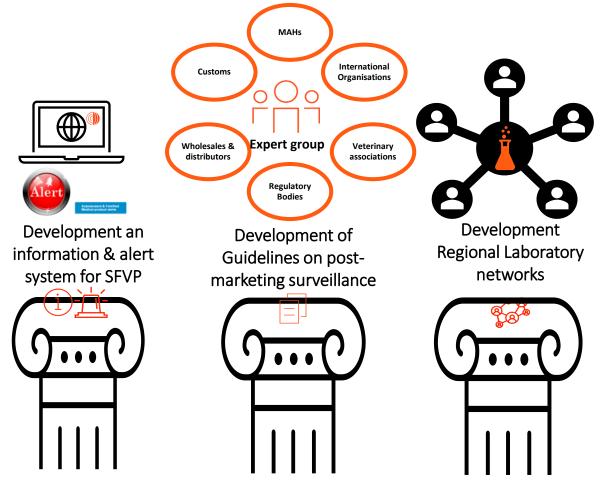
S&F

APP

**Guidelines &** 

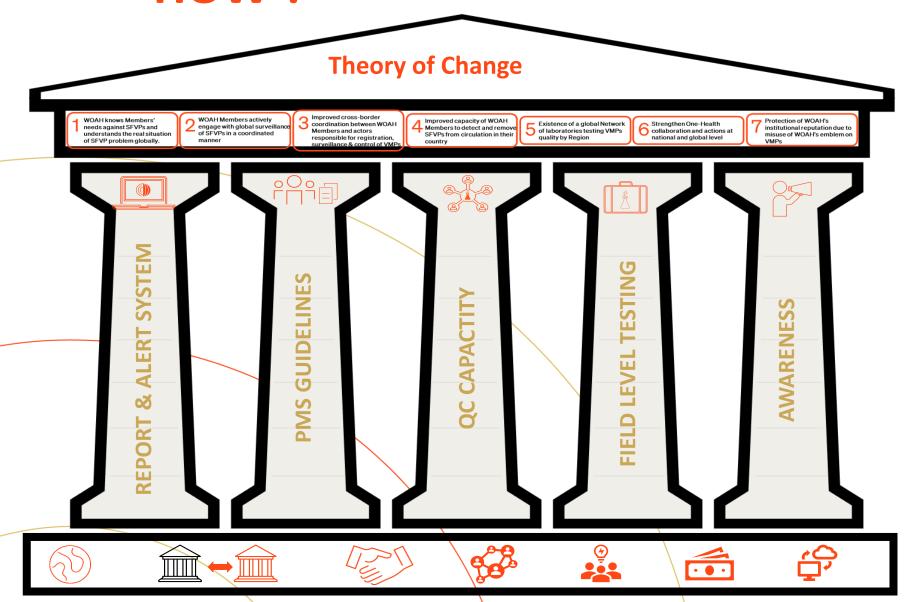
tools for field

level surveillance

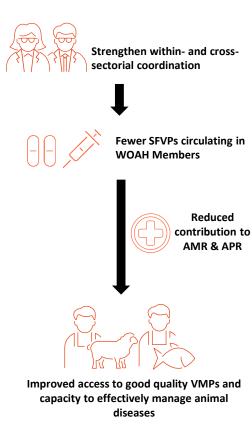


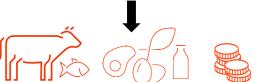
(Source: Vidhamaly V, Bellingham K, Newton PN, et al. The quality of veterinary medicines and their implications for One Health. BMJ Global Health 2022)

## HOW?



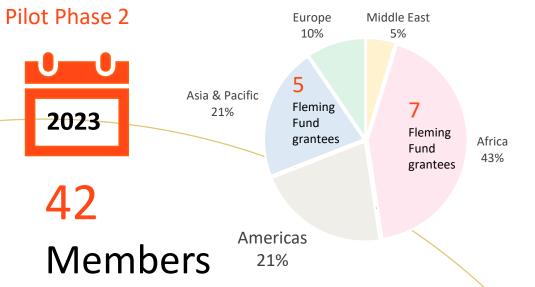
#### **Impact & Goals**





Reduced impact of infectious diseases on animal health and welfare, food security and economic development

## **Global Information & Alert System for SFVPs**





## **Prelimina**

Classification	Number	Number p	products	Total Number of VMPs		
Classification	incident s	Suspect	Confirmed			
Substandard	4	0	4	4		
Falsified	9	4	6	10		
Unregistered	10	23	3	26		
Unknown	6	1	-	15		
TOTAL	25			55		



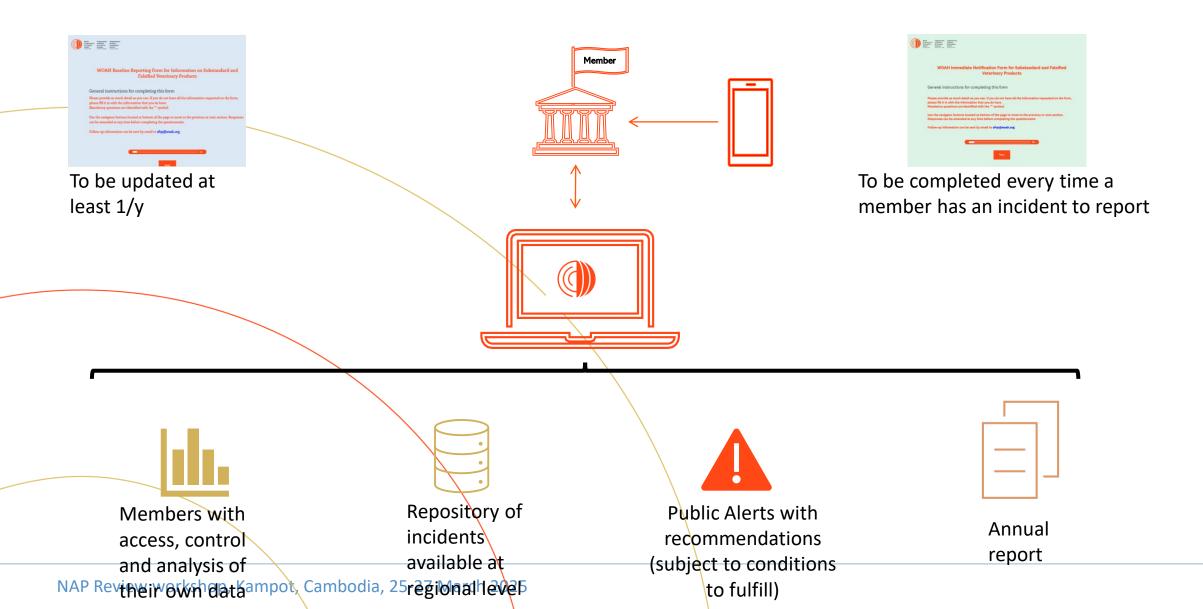
Internal report available End Q2-2024

## **New Pilot Phase**

Veterinary Surveillance System for Substandard And FalsifiEd mEdicines

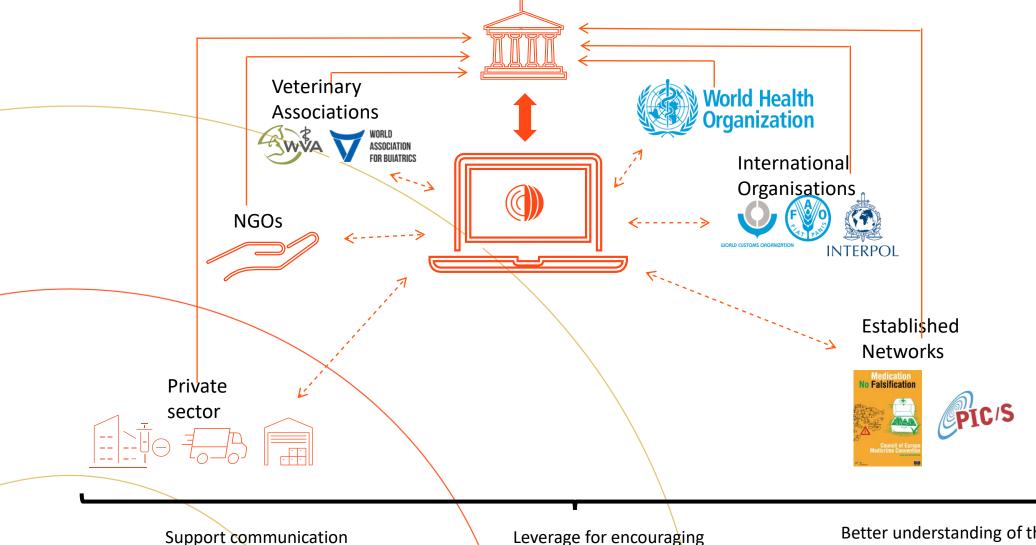


# FINAL GOAL: Veterinary Monitoring and Surveillance System //// for Substandard and Falsified VMPs



## FINAL GOAL: Veterinary Monitoring and Surveillance System for

Substandard and Falsified VMPs



DEEE

with Members for validation

Leverage for encouraging participation to Members Better understanding of the Situation in the field

#### 1st WOAH Workshop on Substandard and falsified veterinary products (SFVP)

- 60 participants from 24 countries including Philippines joined.
- Main purpose was to provide the participants with awareness of detect, prevent and response for SFVP



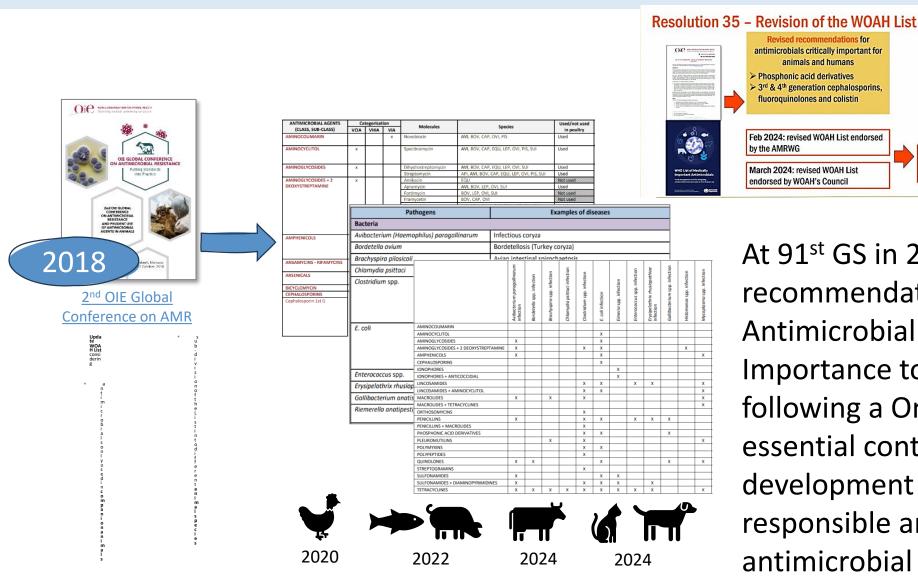




#### **WOAH List of Antimicrobials of Veterinary Importance**

#### **Conclusion 5** Antimicrobials that are CIAs in vet med should be identified, to complement the id of WHO MIA List with such antimicrobials used in human med. revised categorization Criteria for identification of CIAs in animals criteria should be established by OIE. The overlap of critical lists for human and vet med can allow for the appropriate balance to 2024 be struck between AH and PH needs (TBC) 2003 2004 2005 202... 2007 2021 FAO/OIE/WHO FAO/OIE/WHO OIE conducted a **Revision of OIE List was Expert Workshop Expert Workshop** survey with its recommendations in adopted at OIE 75th on Non-Human on Non-Human **WOAH list Members & relevant General Session in AMU and AMR AMU and AMR** stakeholders to (Tentative: 2024) May 2007 (Management (Scientific develop OIE list Options) Assessment) Oie **Revision of** categorization criteria WOAH list (From 2024 onwards) Final Report 2007 NAP Review workshop, Kampot, Cambodia, 25-27 March 2025 Oie specific key bysication block to be better

#### **Revision of WOAH List of Veterinary Important Antimicrobials**



- Harmonisation of recommendations with WHO MIA List
- Revision of categorization criteria of VCIA
- Inclusion of cats & dogs

At 91st GS in 2024 - Revised the recommendations of WOAH's List of Antimicrobial Agents of Veterinary Importance to align with WHO MIA List following a One Health approach, as an essential contribution towards the development of guidelines for responsible and prudent use of antimicrobial agents in both aquatic and terrestrial animals

May 2024: presented for adoption at the GS after

AMRWG presentation

Revised recommendations for antimicrobials critically important for

 3<sup>rd</sup> & 4<sup>th</sup> generation cephalosporins, fluoroguinolones and colistin

Feb 2024: revised WOAH List endorsed

March 2024: revised WOAH List

endorsed by WOAH's Council

by the AMRWG



# ANIMUSE Global Database: curbing antimicrobial resistance with data







# If you cannot measure it, you cannot improve it.

Lord Kelvin (1824 – 1907)

#### Strengthening knowledge through surveillance and research

#### What is ANIMUSE?





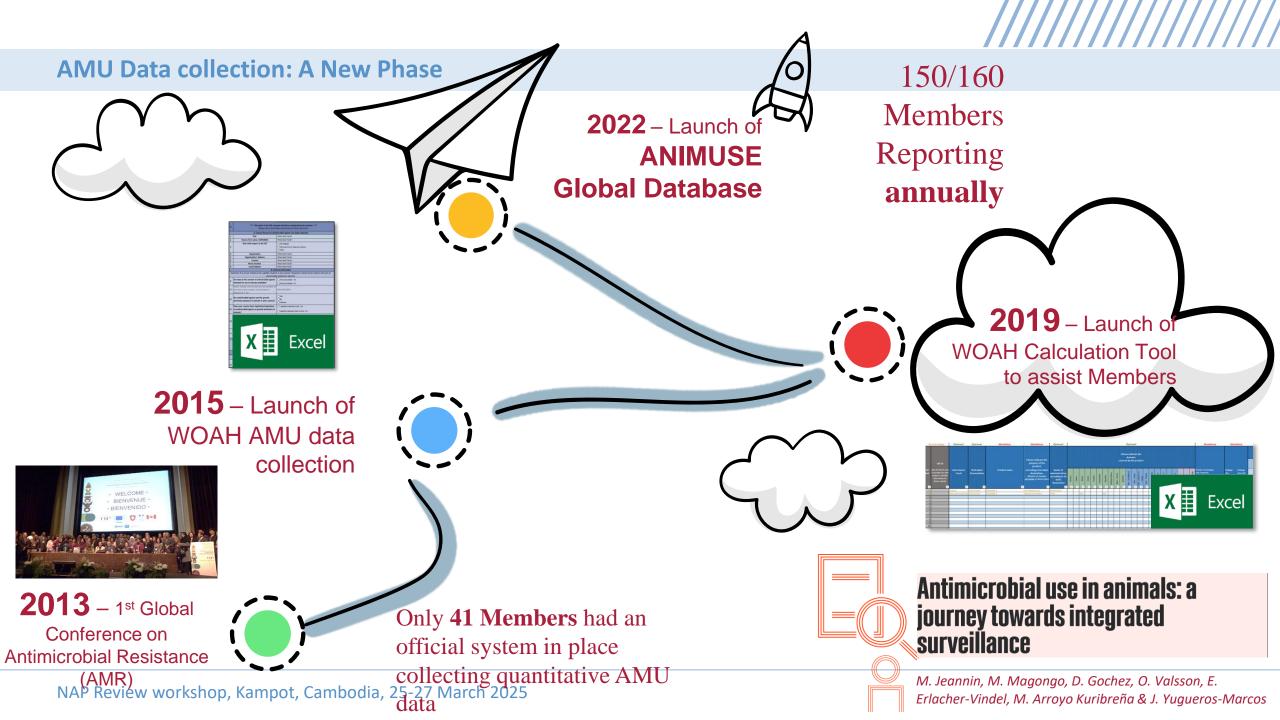
It stands for ANImal antiMicrobial USE -> ANIMUSE Global Database

It started in October 2015

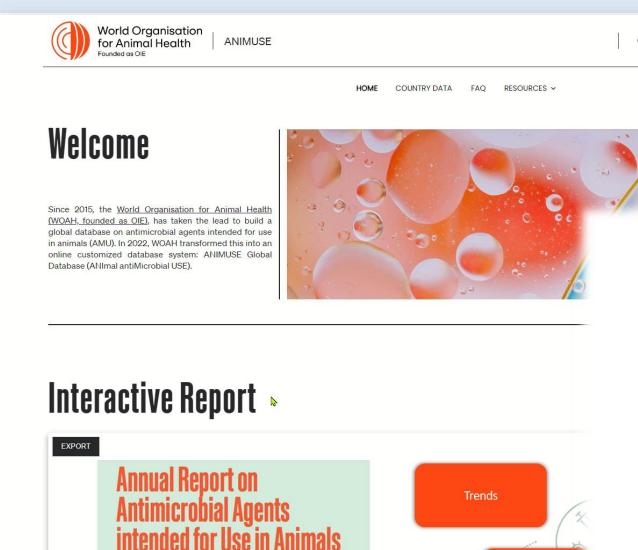
9th Round of data collection started in September 2023

From the 183 WOAH Members, around **150 to 160 Members participate** during each round

**Eight reports** have been published with data aggregated at global and regional levels



#### **ANImal antiMicrobial USE: A New Phase**



A system designed for **our Members** to

EN FR ES Login

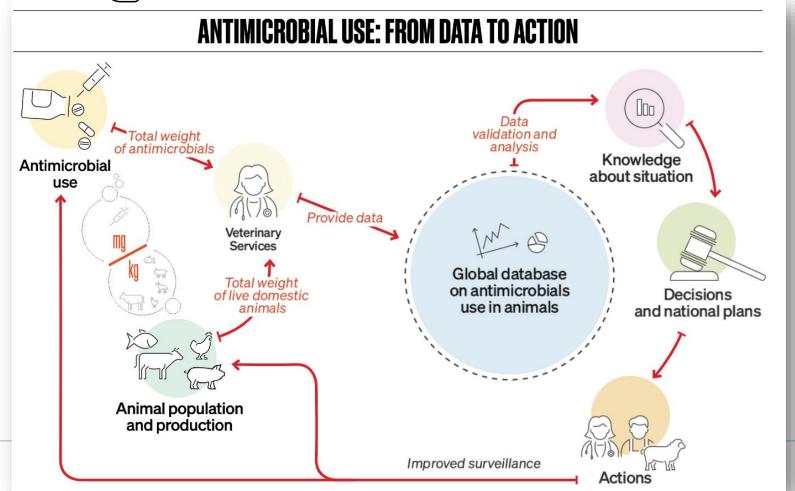
- 1. CONSOLIDATE their AMU data through the Calculation Module
- 2. ANALYSE their current and historical AMU data since 2015
- COMMUNICATE easily and create you're their own national reports with the data dashboards

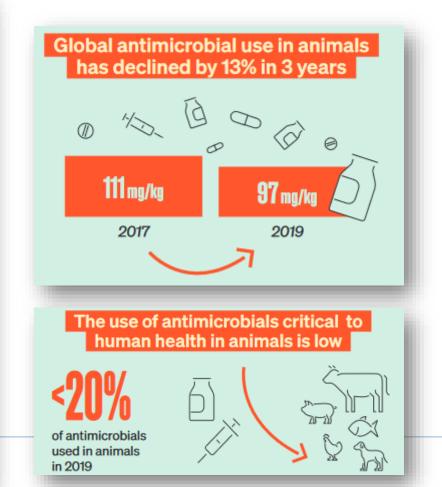
7th Report

Surveillance of antimicrobial use

# ANIVUSE Global Database



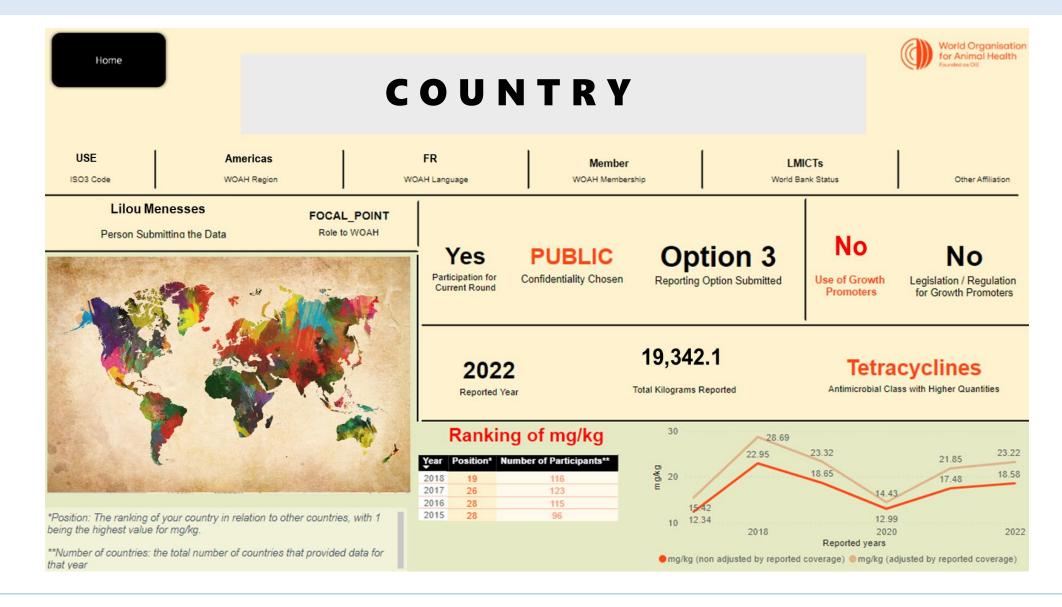




#### **Data Entry to ANIMUSE**

#### **Essential fields to enter data**

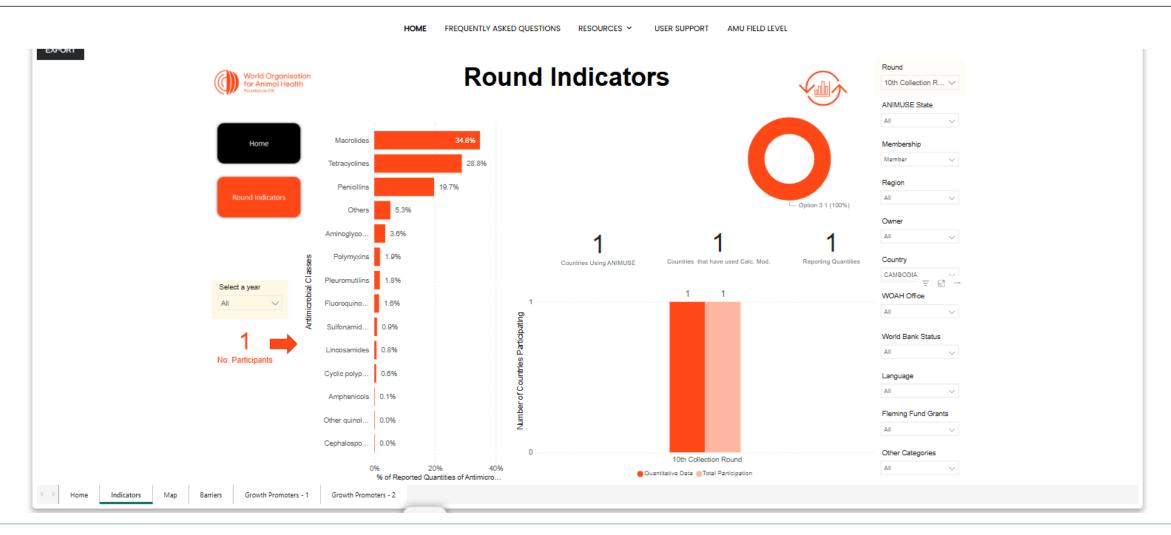
4	Α	В	С	D	Е	AC	AD AE	AF	AG	АН	Al	AJ	AK	AL	AM	AN	A 🔺	
1	Do	not change	Optional	Optional	Mandatory		Mandatory	Manda	tory		Mandat	ory						
2											Active Ingre	edient 1	ı		Active In	gredient 2 ore than one ar	ntibiot	
3		WOAH ID								Chemical compound as declared on the label					Chemical compound as declared on the label			
	Nº Ref.	(this ID will be used to provide you with product's baseline information for future rounds)	Data Source Used	ID Product Presentation	Product name	ental fis	Number of packages sold, imported, produced, prescribed or used in the <u>period of time declared to WOAH</u>	Package size	Package size unit	Active ingredient #1	Strenght of antimicrobial agent	Unit	Per unit of content	Unit	Active ingredient #2	Strenght of antimicrobial agent	Unit	
4																		
5	0		Imports	ASFR-20156	Example 1		1,500 Units	100	ml	Sulfamonomethoxine	200.0	mg	1	ml	Trimethoprim	40.0	mg	
6	0		Manufacture/Product	ASFR-20157	Example 2		200 Units	25	kg	Colistin sulfate	2,000,000.0	IU	100	g				
21	15																	
22	16																	
23	17																	
24	18																	

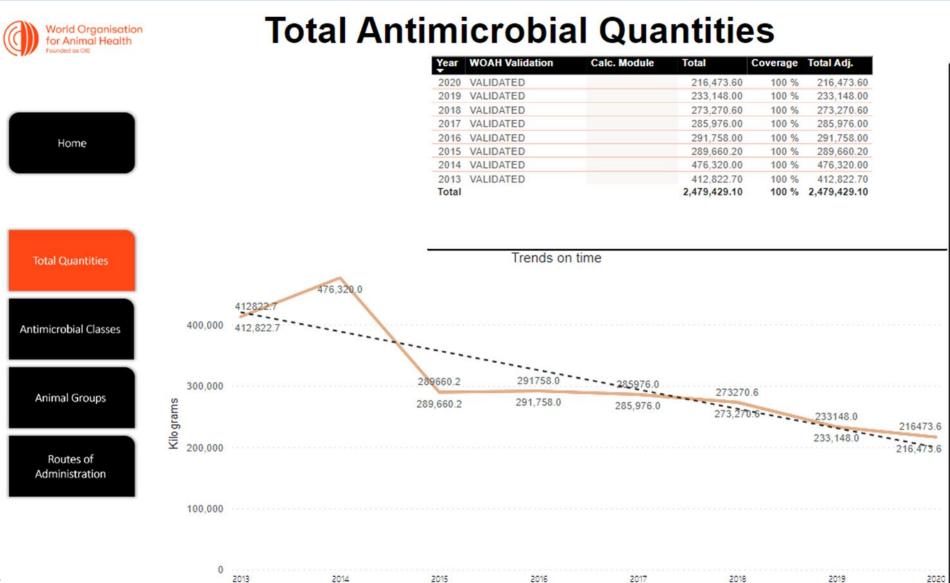


#### **Cambodia**

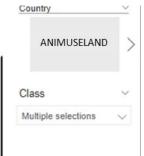


Search Q EN FR ES | Asia | Tikiri Priyanti



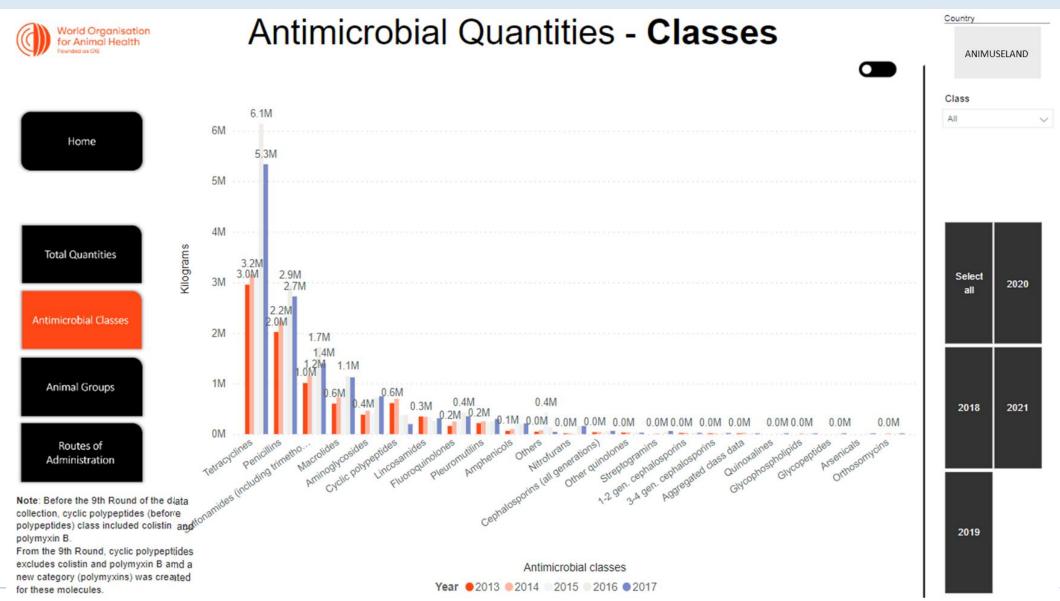


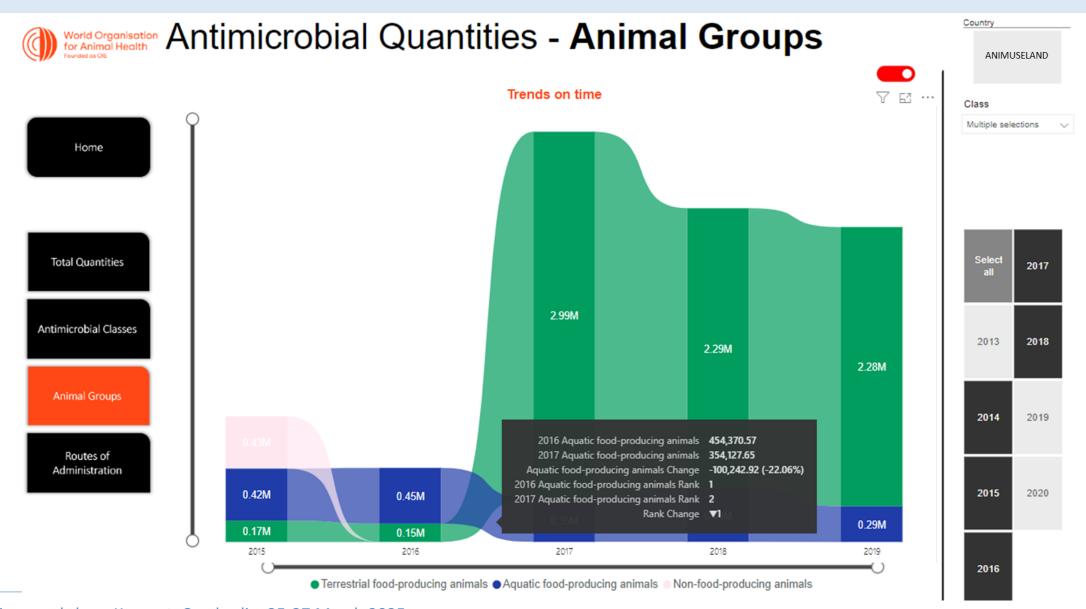
Kilograms not adjusted
 Kilograms adjusted by reported coverage

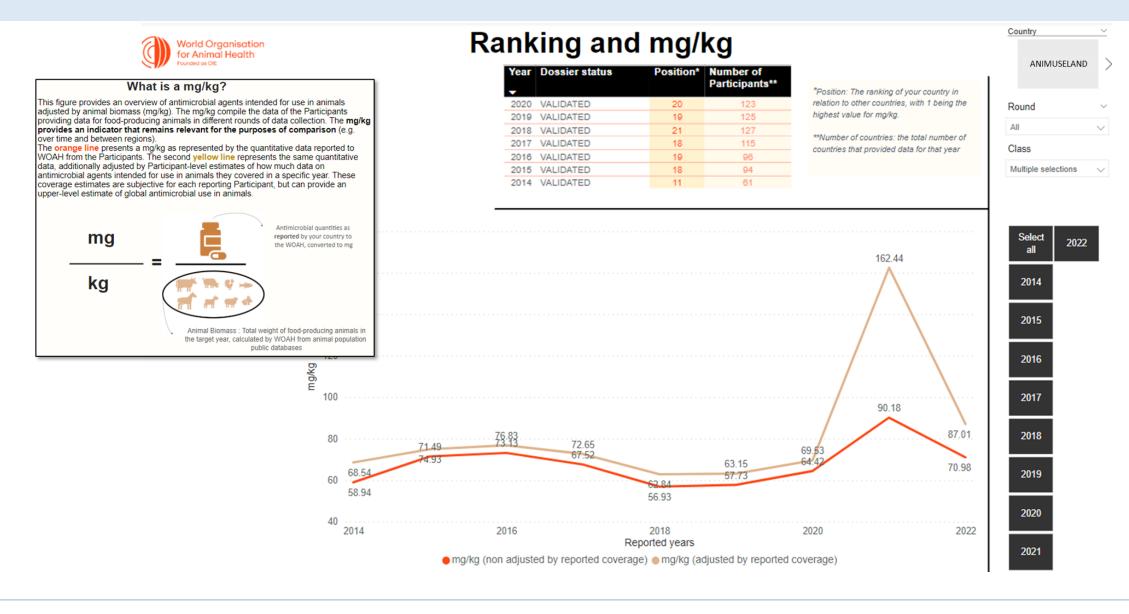


Select all	2017
2009	2018
2010	2019
2011	2020
2012	2021
2013	2022
2014	
2015	

2016





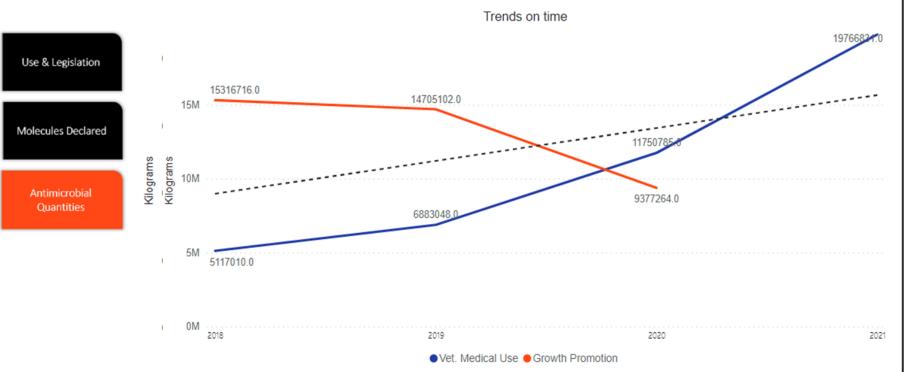


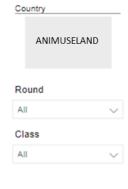


Home

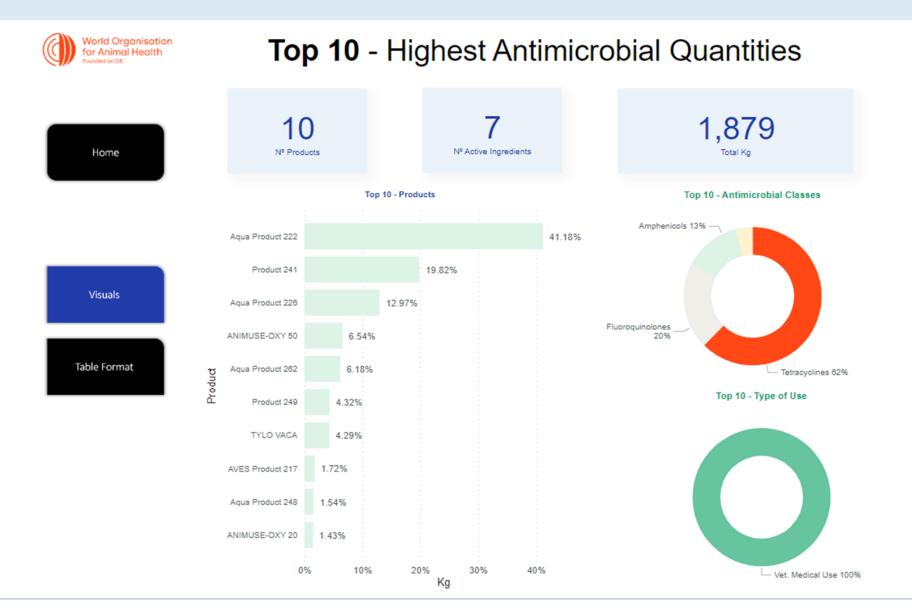
#### **Growth Promoters - Quantities**

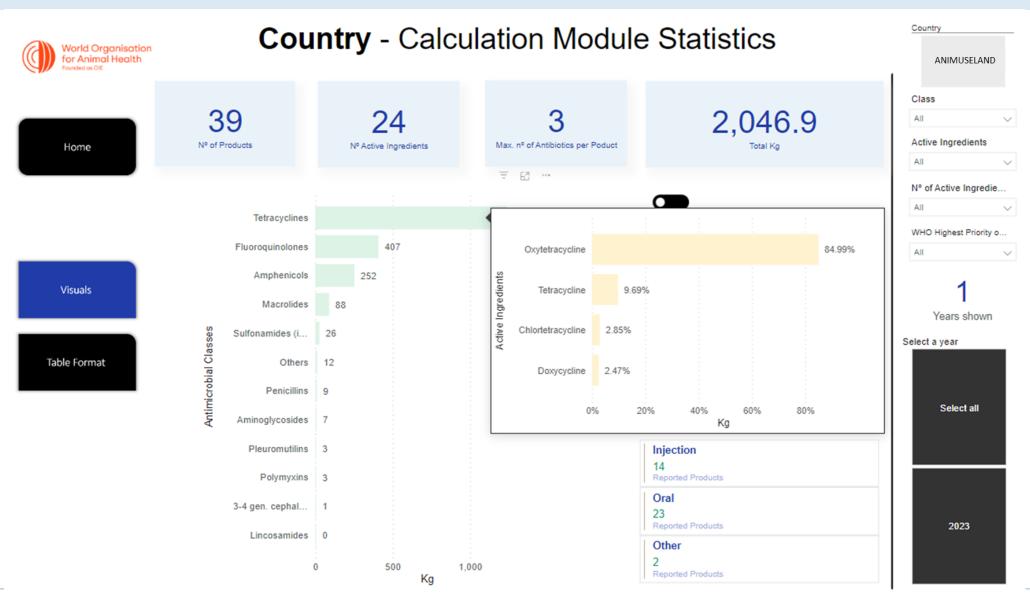














Home

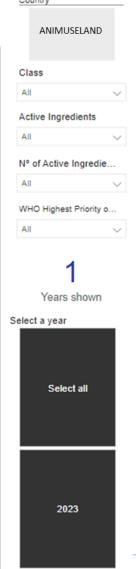
Terrestrial Food-Producing

Aquatic Food-Producing

Non-Food-Producing

#### Animal **Species** as Declared on the Product Label



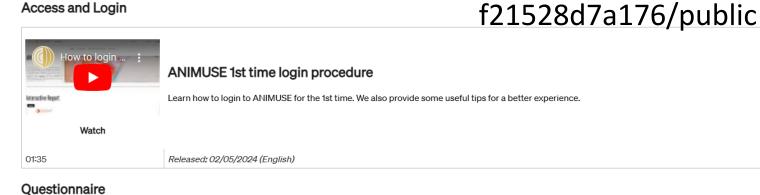


#### **Self learning**



WOAH has made available the following short video guides to support users. Click on the titles below to access

portal/cms/view/44dac06f-51b6-44b0-a873-2920826ccf08/392fa4ab-da9c-4263-b7c7-







Access and Login



























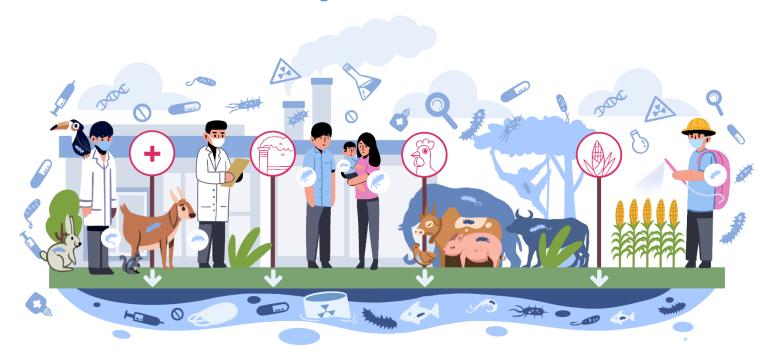








# Thank you



Working together to fight antimicrobial resistance