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## Future of the OIE Data Collection: The AMU Database Project

Webinar for Asia, Far East and Oceania  
02 April 2020



WORLD ORGANISATION FOR ANIMAL HEALTH *Protecting animals, preserving our future*

# Agenda

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Recommendation

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Project Overview

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Development Phases

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Tailored to the needs

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Benefits (Immediate)

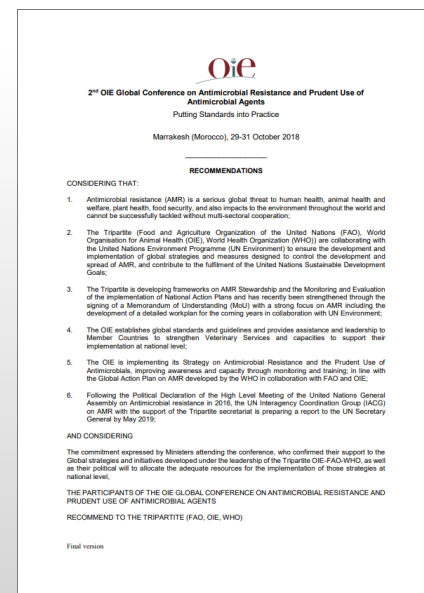
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Future steps

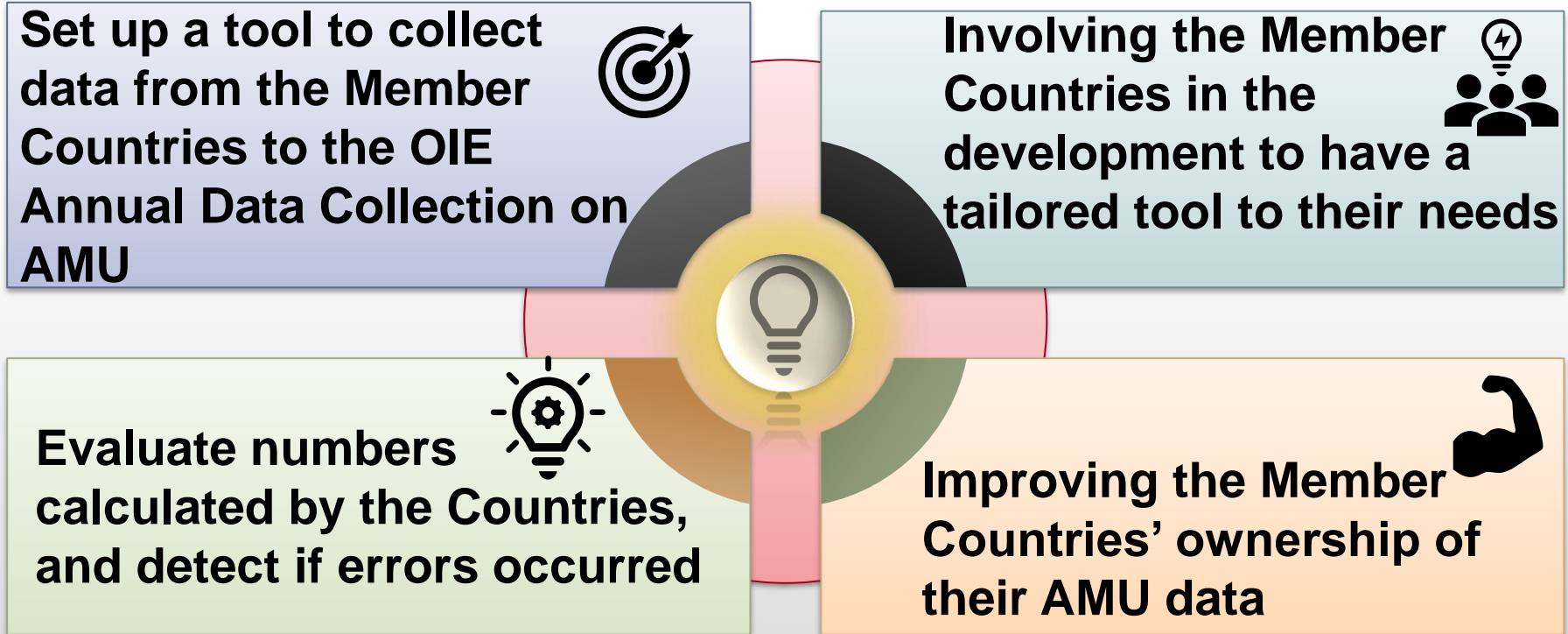
# Recommendation n°4 of the 2<sup>nd</sup> OIE Global Conference on Antimicrobial Resistance – October 2018



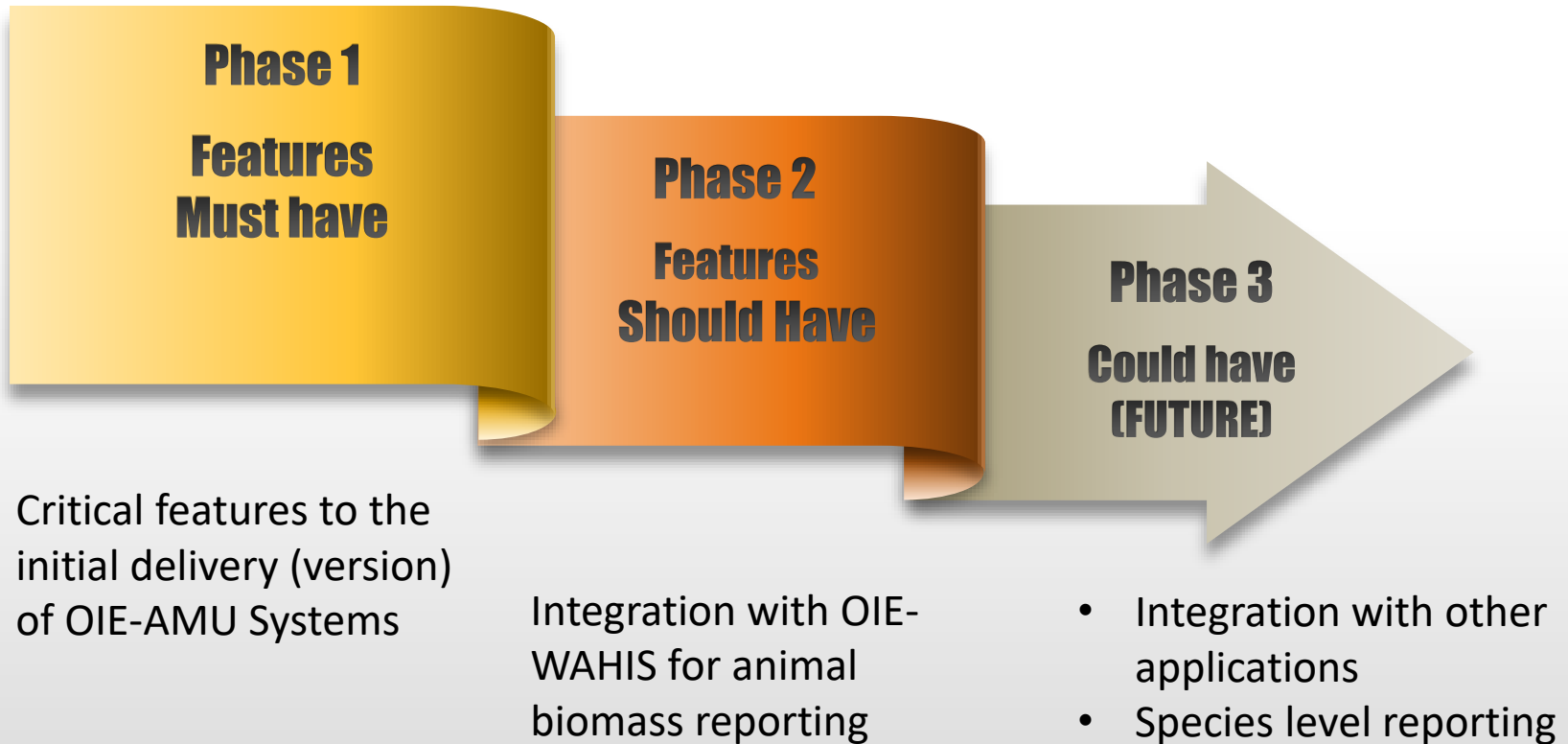
To further develop the OIE data collection on Antimicrobial Agents Intended for Use in Animals, **converting the current spreadsheet format to a database system**, able to accommodate data submissions by animal species, and its connection to the World Animal Health Information System (WAHIS) and also allowing addition of data from field studies



# Project Overview



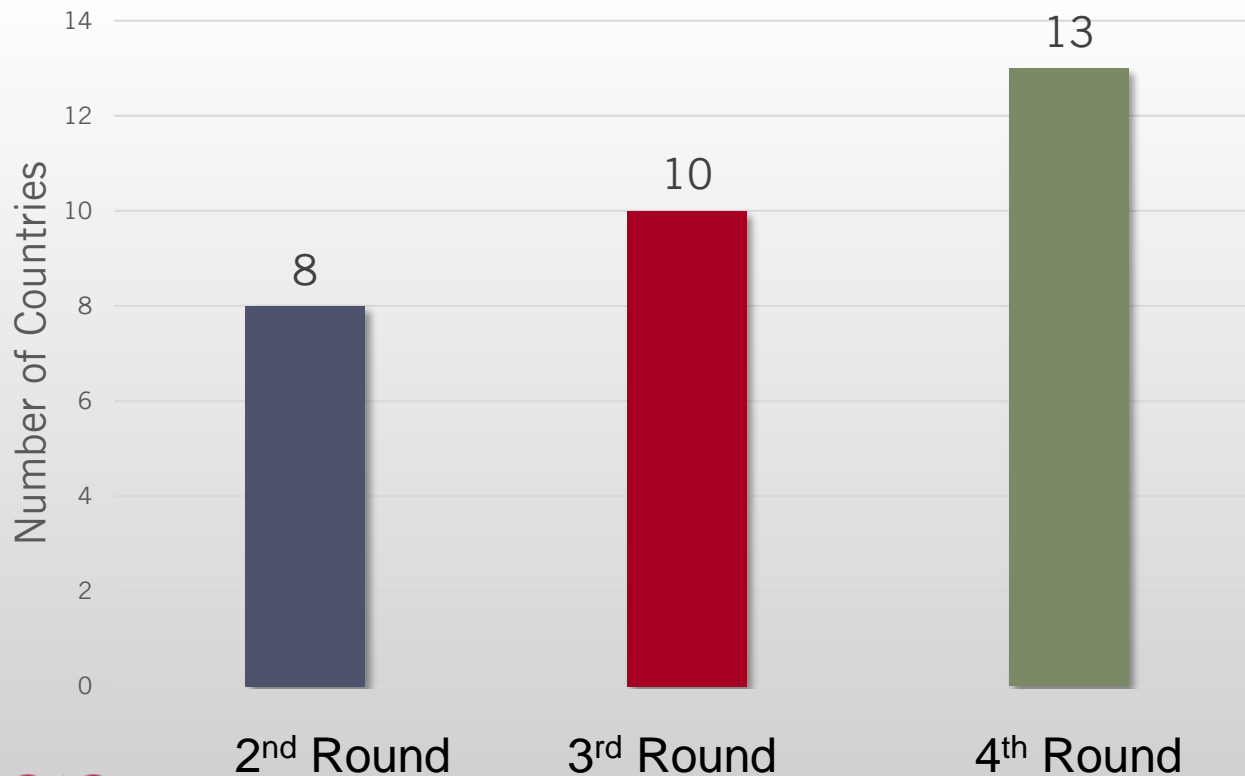
# Development Phases and Milestones



# Tailored to the countries' needs



Barriers to report quantitative data for countries  
(Lack of tools and human resources)



# AMU Reporting Online

Countries will be able to see and update previous reports

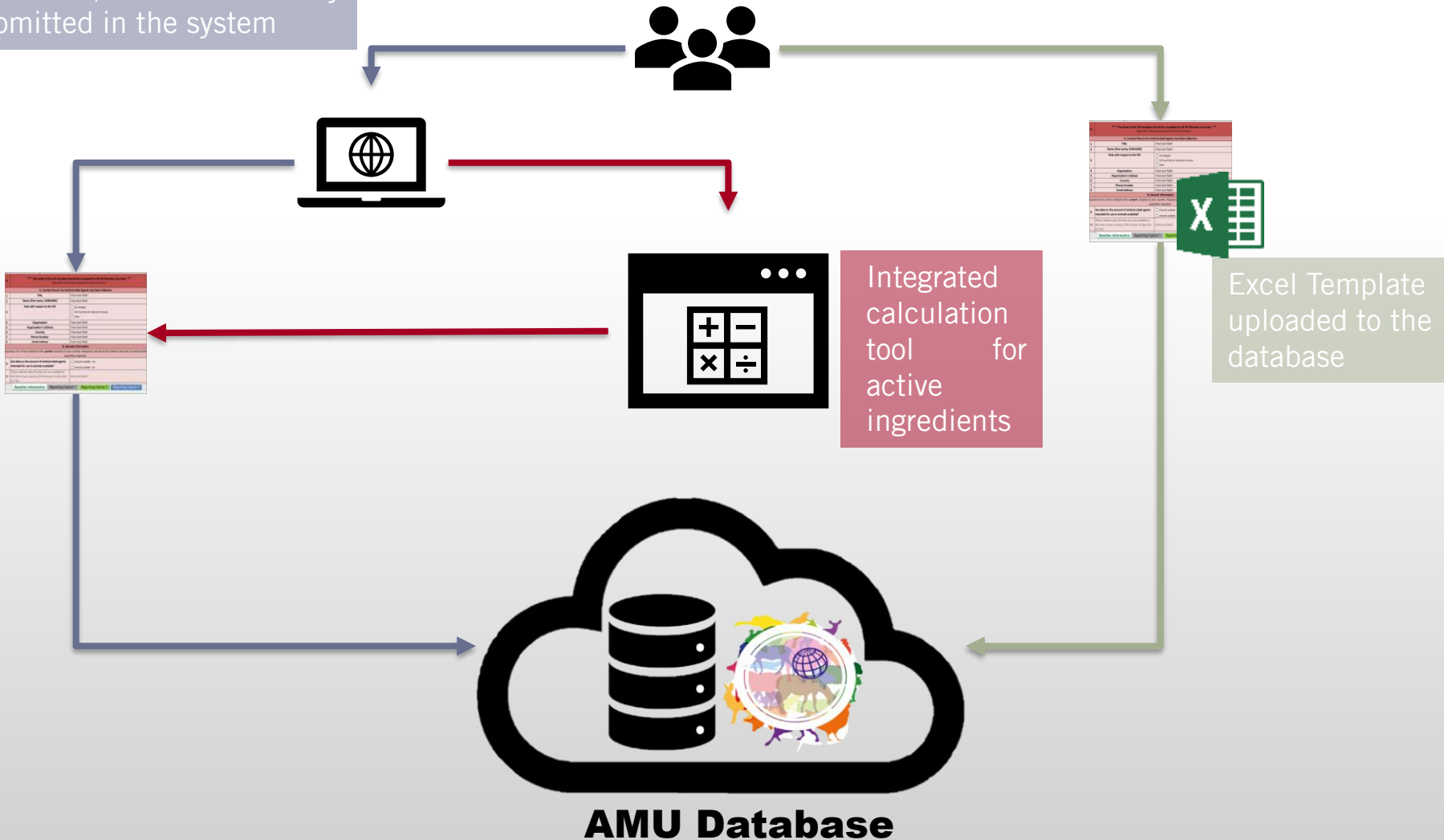
The online questionnaire will have the same format as the current OIE Template in Microsoft Excel

Countries will always have the possibility to continue using the Excel files



# AMU Reporting Possibilities

OIE Template (Baseline information + Reporting Options 1, 2 and 3) directly submitted in the system





# Data Privacy



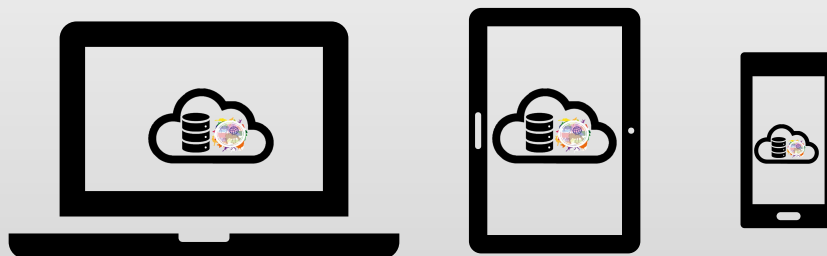
- Countries will have complete control over data protection and regulation

# AMU System Accessibility

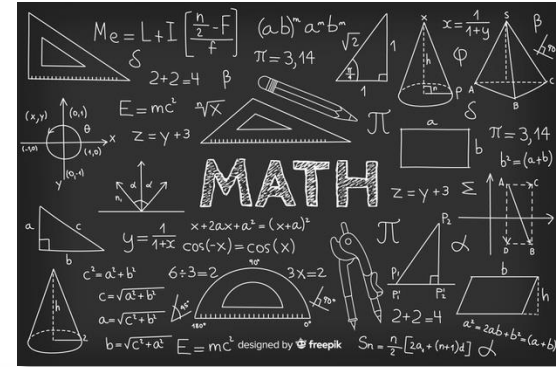
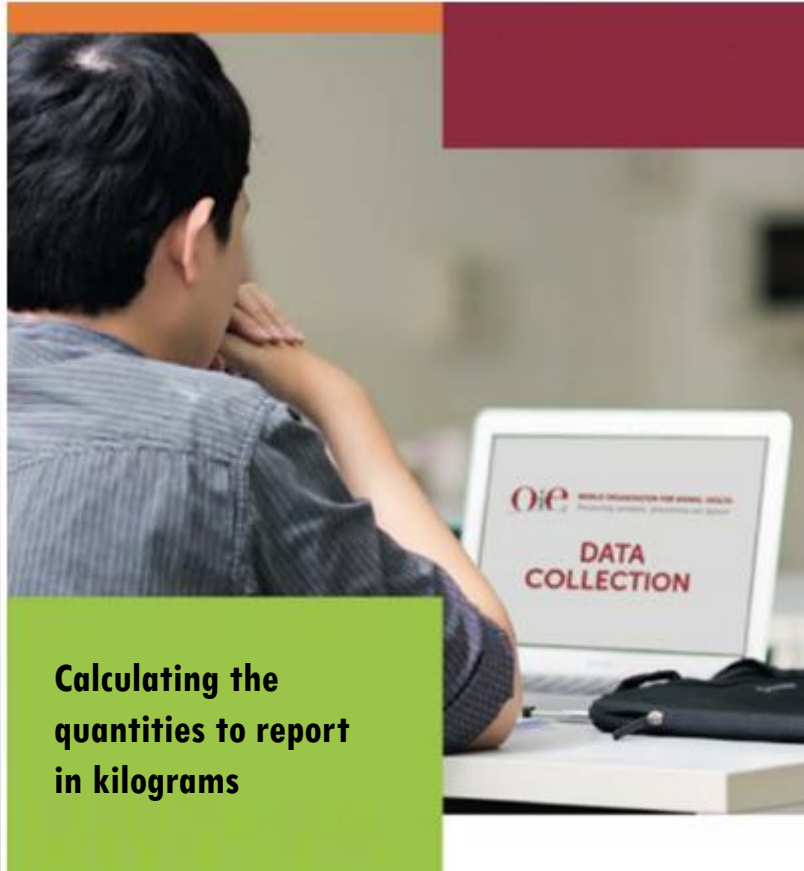


- Cloud based and accessible worldwide

- Accessible through various devices

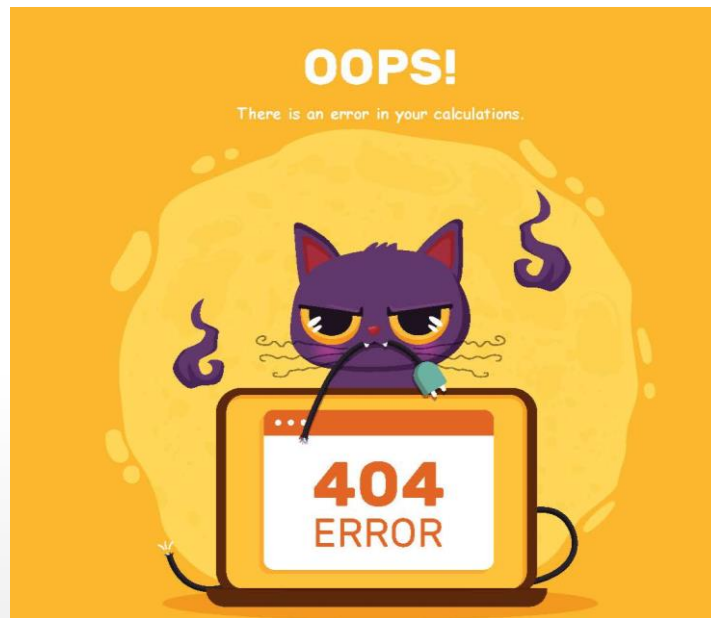


# Benefits – Help with AMU calculations



- Formulas to be integrated in the system

# Benefits – Error detection



## Business Intelligence tool:

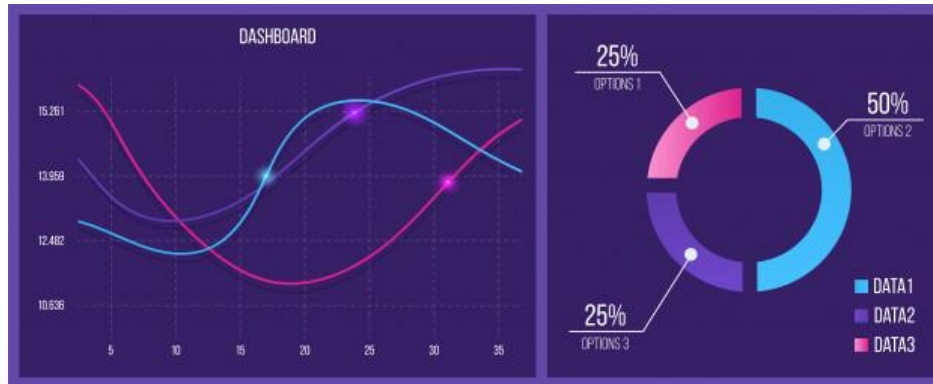
- Analyse the calculations of active ingredients and detect if errors occurred
- Enhancing the accuracy of the reported data

# Benefits – Alleviate time-consuming workload



- Current manual processes to be eased

# Benefits – Better analysis & reporting



- AMU System to integrate with a Business Intelligence tool for better analysis of collected data, valuable insights and visualization of important information



- Countries will be able to access, analyse and download their own data online and create various graphs
- Enhancing ownership of data

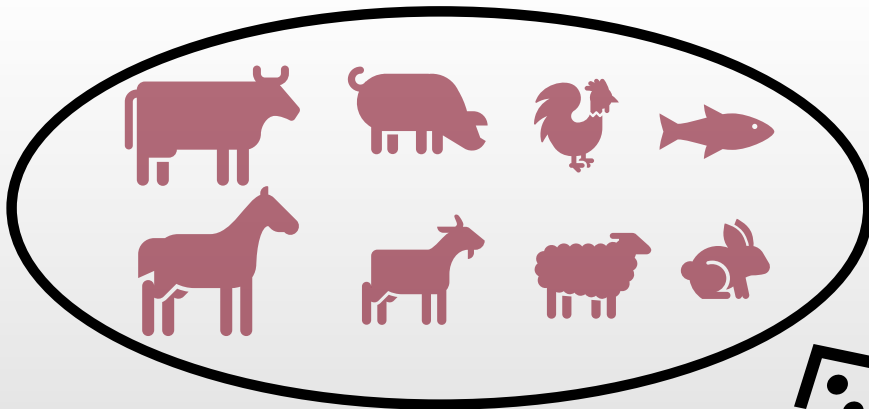
# Benefits – Connection with OIE-WAHIS



Antimicrobial agents (mg)

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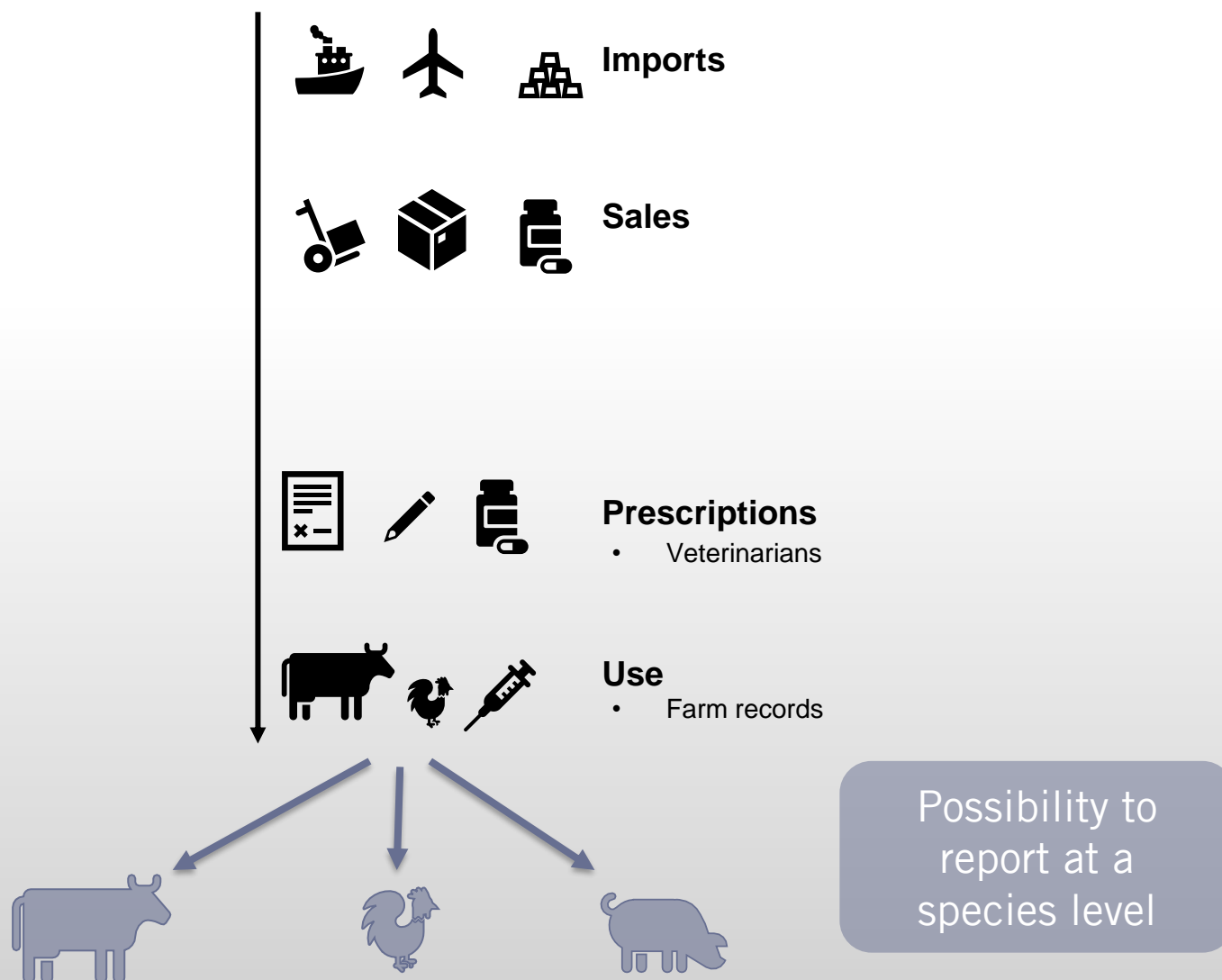
Animal biomass (kg)



Provide an analysis of the antimicrobial quantities (mg) adjusted by animal biomass (kg)



# Future steps





# SUMMARY: Future of the OIE Database Collection

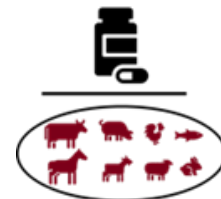


## Species Level Reporting

The future OIE Database System will allow Countries to report at species level

## OIE-WAHIS Integration

The integration of OIE-WAHIS will provide an analysis of the antimicrobial quantities (mg) adjusted by animal biomass (kg)



## Integrated Formulas

Formulas will be integrated in the System allowing Countries to calculate and report quantities thus improving the accuracy of data

## Data Ownership

Countries will have access to their own data which they can analyse and make informed decisions



## Business Intelligence Reporting

The system will be integrated with a Business Intelligence tool allowing faster and accurate data analysis and reporting



# Question & Answer Session (15 mins)

# Practical exercise - Online questionnaire

<https://forms.gle/KMAPgn4BBDX8mg1L9>

# Thank you for your attention



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