



European Platform for the Responsible Use of Medicines in Animals

**Responsible Use of Antibiotics in Europe:  
*Putting our best foot forward for One Health***

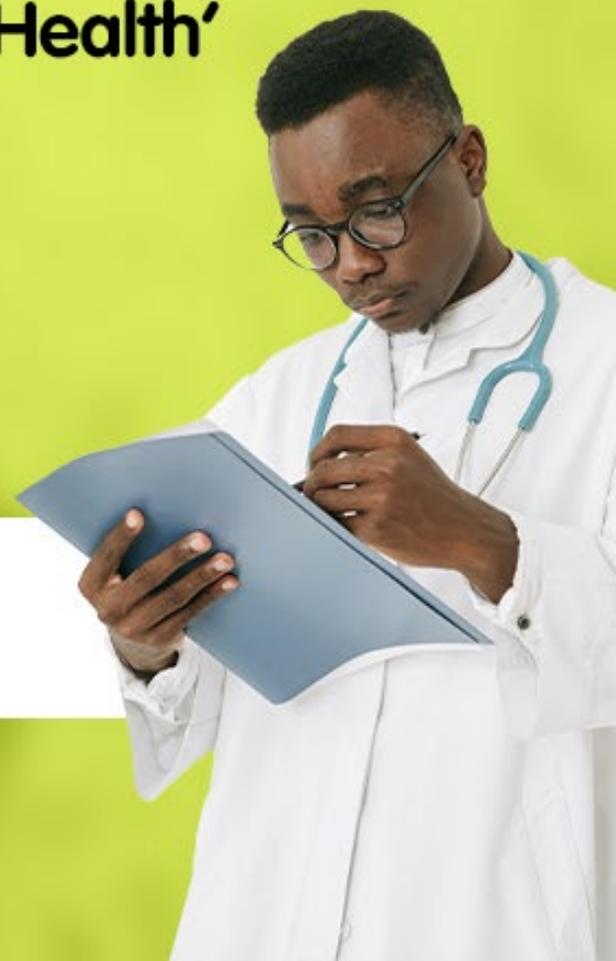
8 November 2022

# **'Responsible Use of Antibiotics in Europe: Putting our best foot forward for One Health'**

Hosted by MEPs Emma Wiesner  
and Alexander Bernhuber

**European Parliament - Spinelli 5G1  
8 November 2022 - 9:30-11:00**

The logo for EPRUMA, featuring a stylized 'E' symbol followed by the word 'EPRUMA' in a modern, sans-serif font.



Hosted by:



**MEP Emma Wiesner**

Sweden, Renew Europe

&

**MEP Alexander Bernhuber**

Austria, EPP



# Successes so far in reducing the need to use antibiotics in Europe in animals



**Catherine McLaughlin**  
EPRUMA Chair

# What is EPRUMA?

## Multi-stakeholder partnership

**Access VETMED**

**animalhealth europe** THE VOICE OF THE ANIMAL MEDICINES INDUSTRY

**copa\*cogeca**  
european farmers    european agri-cooperatives

**DIAGNOSTICS FOR ANIMALS**  
VETERINARY DIAGNOSTIC MANUFACTURERS

**EFFAB**  
European Forum of Farm Animal Breeders

**FECAVA**  
Federation of European Companion Animal Veterinary Associations

**FEFAC**  
Experts in Animal Nutrition

**EFSA**  
FEDERATION EUROPEENNE POUR LA SANTE ANIMALE ET LA SECURITE SANITAIRE - PESASS

**FVE**  
Federation of Veterinarians of Europe

## Associate partners – national platforms

**AMCRA**  
IMPROVE HEALTH, REDUCE RESISTANCE

**SDa**  
Autoriteit Diergeneesmiddelen

**ruma**  
RESPONSIBLE USE OF MEDICINES IN AGRICULTURE ALLIANCE

**ruma**  
RESPONSIBLE USE OF MEDICINES IN COMPANION ANIMAL AND EQUINE

**Vet responsible**  
Initiative of Vet+i

Belgium

The Netherlands

United Kingdom

Spain

# Since 2005 EPRUMA has been actively promoting best practices for Responsible Use of medicines in animals



Our guiding principle:  
**'As little as possible,  
as much as necessary'**

## What is responsible use?

A holistic approach of minimising disease through:

- biosecurity;
- good housing and ventilation;
- good hygiene;
- appropriate nutrition;
- regular monitoring of health and welfare;
- animal health planning;
- use of diagnostics;
- vaccination;
- using the pharmacovigilance system to maintain the efficacy and safety of veterinary medicines;
- close collaboration of animal owner with the veterinarian.

# What we do

Establish a best practice framework:  
Brochures on the responsible use of antibiotics, anthelmintics, vaccines



Best-practice framework for the use of antibiotics in food-producing animals in the EU



EPRUMA best-practice framework for the use of antibiotics in food-producing animals  
**REACHING FOR THE NEXT LEVEL**



EPRUMA best-practice framework on the use of anthelmintics in food-producing animals



Best-practice framework for the use of vaccines in animals

# What we do

Running awareness campaigns on responsible use for operators and key stakeholders, participating in EAAD events

Active supporter:

## EUROPEAN ANTIBIOTIC AWARENESS DAY



A European Health Initiative



### RECOMMENDATION FOR BEST PRACTICE

To ensure responsible use of medicines in animals



#### Housing

Appropriate housing to accommodate the animals' health and welfare needs



#### Nutrition

Adequate amounts and quality feed and water to meet nutrition requirements at all stages



#### Biosecurity

Protect farm animals against infections coming from outside the farm



#### Animal Health

Herd health plans, including vaccination and regular advice from veterinarians and related professional consultants

[www.epruma.eu](http://www.epruma.eu)



## Responsible use of antibiotics



when they are needed



in the amount needed



and under the supervision of a veterinarian

European Platform for the Responsible Use of Medicines in Animals - [www.epruma.eu](http://www.epruma.eu)

# Efforts have paid off measurably in Europe in terms of Responsible Use

**Europe is on the right track to fight antibiotic resistance...**

**2011-2020**

Sales of antibiotics for veterinary use are declining

**↓ 43%**

overall sales in 25 of the 31 countries in the ESVAC network



**↓ 60%**

in some countries

11<sup>th</sup>  
ESVAC  
report

# Including Responsible Use of medically important antibiotics

↓ **85%**

Quinolones  
(excl. fluoroquinolones)

↓ **76.5%**

Polymixins  
(incl. colistin)

↓ **32.8%**

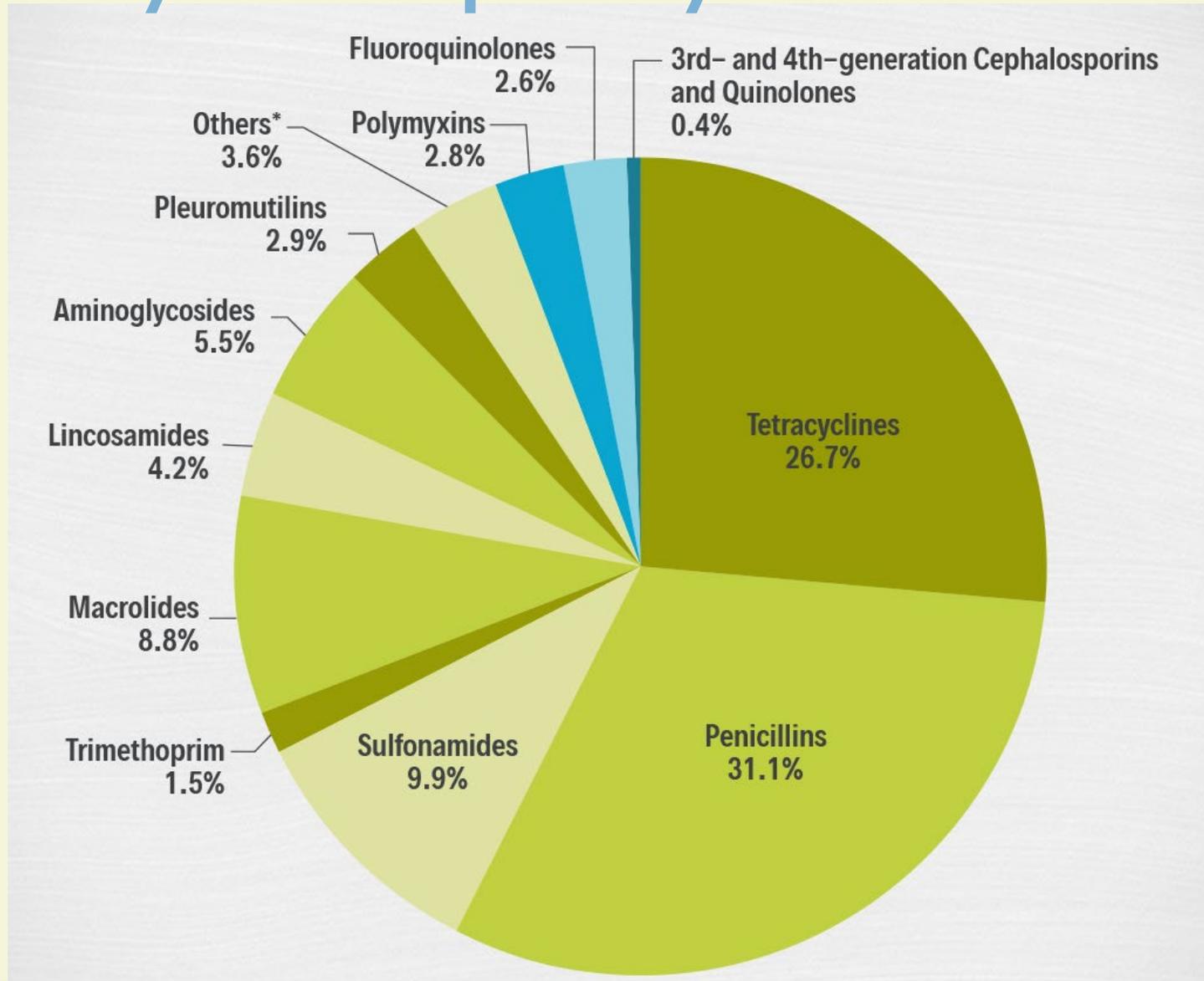
3<sup>rd</sup> & 4<sup>th</sup> generation  
cephalosporins

↓ **12.8%**

Fluoroquinolones

11<sup>th</sup>  
ESVAC  
report

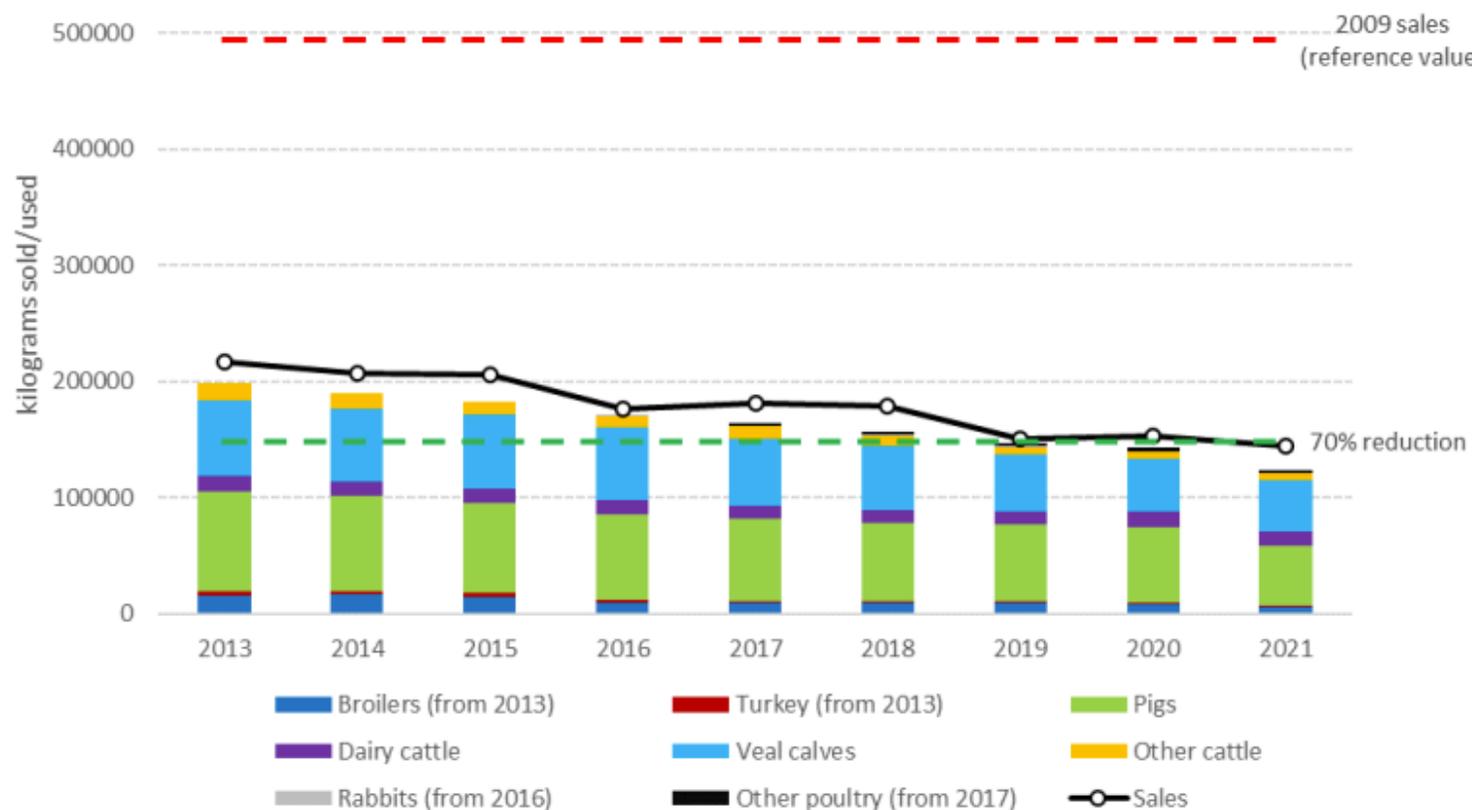
# Although still needed, there is limited veterinary use of priority classes



11<sup>th</sup>  
ESVAC  
report

# Examples of national successes – joint authorities & stakeholder programmes

**Figure 1. Long-term developments in the numbers of kilograms of active substances sold and used. The bars comprise the numbers of kilograms of active substances used\* in the individual monitored livestock sectors in the year concerned. The two dotted lines serve as reference lines, with the red line representing the number of kilograms sold in 2009 and the green line representing a 70% reduction from the 2009 level**



\* The numbers of kilograms of active substances used are based on sector-provided delivery data.

NL

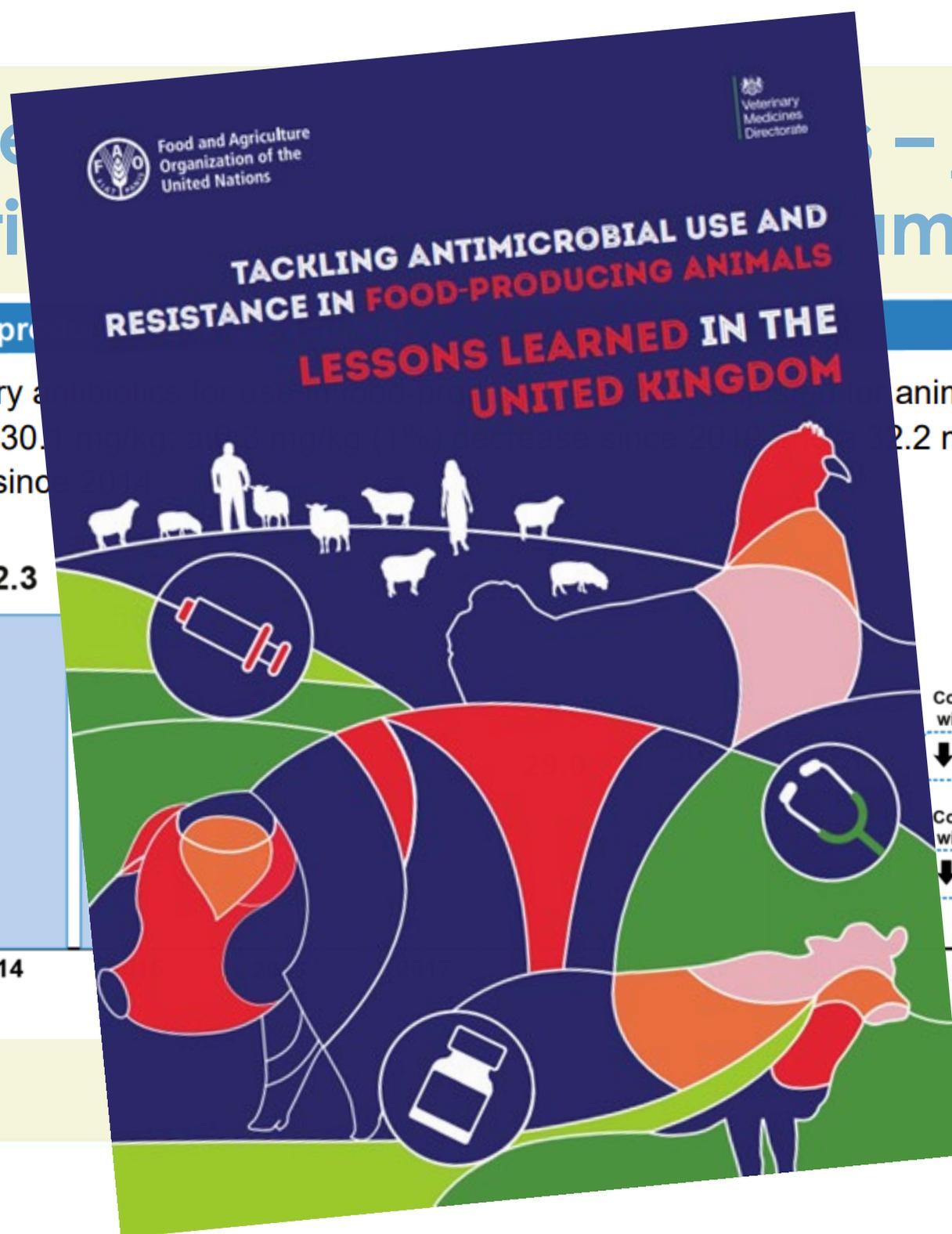
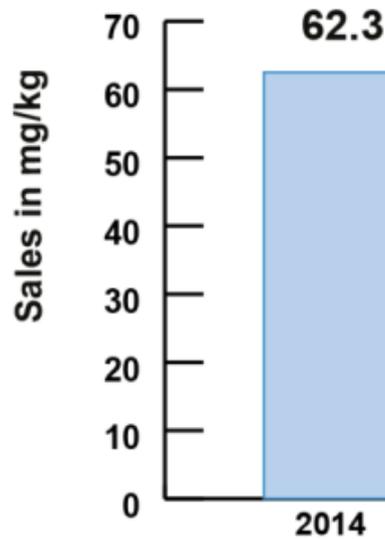


# Example authorities

# – joint summes

## Sales for food-pro

Sales of veterinary animal  
population, were 30.2 mg/kg  
(52%) decrease since



UK

animal  
2.2 mg/kg



Veterinary  
Medicines  
Directorate

Compared  
with 2019  
↓ 1%

Compared  
with 2014  
↓ 52%

# Continue projects & partnerships to ensure Responsible Use



Also looking forward to being active in EC One Health Network



# One Health: Need for improved coordination

- Responsible use of antibiotics in **both animal and humans** is equally important
- Recognition of **why antibiotics are used for animal health**: animals need to be treated when they are sick for health, welfare and public health reasons
- Reduction of use should **never compromise animal health and welfare**
- Committed to further **reduce the need** to use antibiotics and continue to **promote responsible use**: as little as possible, but still as much as necessary
- Awareness that completely reducing use in animal health will **not solve the challenge** of AMR in public health

# Successes so far in reducing the need to use antibiotics in Europe in people



## Aurélien Perez

Team Leader - Antimicrobialresistance  
One Health Directorate  
DG SANTE, European Commission

## Panel discussion

### Moving forward: best practices for a true One Health approach



**Rens van Dobbenburgh**

FVE President



**Sarada Das**

CPME Secretary General



**Eric Hubers**

Copa Cogeca Vice chair  
of the working party  
poultry and eggs



**Luis Rhodes Baião**

AESGP Governmental  
and Public Affairs Manager

## Closing remarks



**Catherine McLaughlin**  
EPRUMA Chair

# Thank you!

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