

# One Health collaboration in Sweden

to predict, prevent and control antibiotic resistance

Overarching goal:

Preserve the possibility of effective treatment of bacterial infections in humans & animals



#### **Prevention is Better than Cure**

Reduce the need

**Avoid spread** 

Remove unnecessary use

**Optimize use when treatment is needed** 

Monitor resistance & use





Healthy humans and animals do not need antibiotics



# The Inter-sectoral Coordinating Mechanism (ICM) to contain antibiotic resistance

- Coordinated by
  - Public Health Agency of Sweden
  - Swedish Board of Agriculture





Preserve the possibility of effective treatment of bacterial infections in humans & animals

# **Inter-sectoral Coordinating Mechanism (ICM)**

25 governmental agencies and organizations

(9 in core group)

Collaboration
across
human health,
animal health,
environmental
health, and food
safety sectors

Coordinates
national efforts,
monitor
progress,
adjusts
strategies



#### Government

Ministry of Rural Affairs and Infrastructu re

**Swedish Board of** Agriculture

**Swedish** Veterinary Agency

**Swedish Food Agency** 

**Swedish University of Agricultural Sciences** 

Ministry of Health and Social **Affairs** 

**National Board of** Health and Welfare

**Public Health** Agency of Sweden

> Swedish Medical **Products** Agency

Health and **Social Care** Inspectorate

**Dental** and **Pharmaceutic** al Benefits Agency

> **Swedish** eHealth Agency

Ministry of Climate and **Enterprise** 

**Swedish Environment** al Protection Agency

> Swedish Chemicals Agency

Ministry of Education and Research

Formas - the **Swedish** Research **Council for Environment** , Agricultural Sciences and **Spatial Planning** 

**Swedish** Research Council

Forte-**Swedish** Research **Council for** Health, Work and Welfare

Vinnova-Sweden's Innovation Agency

Ministry of Defence

**Swedish** Civil Contingenci es Agency

Ministry of **Foreign Affairs** 

**National Board of** Trade

> **Swedish** International Developmen Cooperation Agency, Sida

Ministry of **Employme** nt

**Swedish** 

Work

Environmen

t Authority

Ministry of **Finance** 

Other

**Swedish** of Local and

Association Medical able Disease Control

> Working Group Strama

NGO:

Regional level County Administrat ive Boards

**Government Offices of Sweden** 

Association **Authorities** Regions

of County Officers for Communic

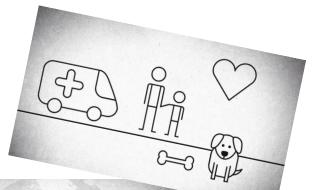
**National** 

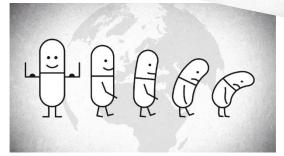
ReAct

### **Activities within ICM**

- Cross-sectoral action plan
  - Developed jointly by all actors in the ICM
  - -The action plan has a clear One Health focus
  - A new version is being completed that applies for the period 2026-2035
- Coordination of joint One Health country visit by ECDC/SANTE-F for evaluation of the Swedish work
- Coordination on international issues
  - -TrACSS (tracking AMR Country Self-assessment Survey)
- Antibiotic forum
- Joint communication <a href="https://saveantibiotics.se/">https://saveantibiotics.se/</a>





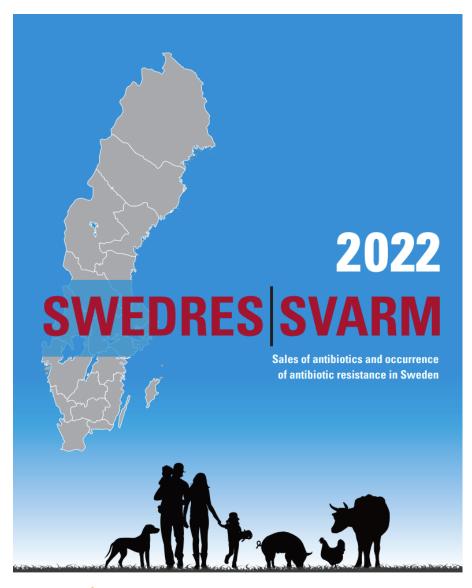




#### Communication of surveillance data

### Common yearly report

- Holds statistics on antibiotic sales and antibiotic resistance in bacteria from both humans and animals
- The report is a co-production between the Public Health Agency of Sweden (PHAS) and the National Veterinary Institute (SVA)
- This report is mainly aimed at professionals









### **Swedish success factors**



- Continuous work, with political and legislative support
- Consensus and cooperation locally, regionally and nationally, within and between sectors – the ICM is truly inter-sectoral
- Disease prevention healthy people & animals do not need antibiotics
- Transparent & reliable data for action and monitoring, incl.
   benchmarking of data on antibiotic consumption and feedback
- Active involvement in international efforts

# **Challenges**

- Collaboration is time-consuming
- Administrative load
- Maintaining structure and commitment
- Changes in animal production
- Constraints in resources
- A changing world...





# BALTOHOP – a Nordic-Baltic collaboration on AMR

- (Re-)establish Intersectoral Coordinating Mechanisms to support information sharing and collaboration between sectors on various aspects of AMR among professionals
- Provide human and animal health professionals and animal farmers with skills and tools for responsible use of antibiotics as a means to prevent the development and spread of AMR
- Empower public health and veterinary/food services in the Baltics to implement One Health AMR National Action Plans





It is challenging but possible to make a significant impact against AMR







Thank you for your attention!

