

# ANTIBIOTIC RESISTANCE

## WHAT THE AGRICULTURE SECTOR CAN DO



Antibiotic resistance happens when bacteria change and become resistant to the antibiotics used to treat the infections they cause.



- 1 Ensure that antibiotics given to animals—including food-producing and companion animals—are **only used to control or treat** infectious diseases and under veterinary supervision
- 2 **Vaccinate** animals to reduce the need for antibiotics and develop alternatives to the use of antibiotics in plants
- 3 Promote and apply **good practices** at all steps of production and processing of foods from animal and plant sources
- 4 Adopt **sustainable systems** with improved hygiene, biosecurity and stress-free handling of animals
- 5 Implement **international standards** for the responsible use of antibiotics and guidelines, set out by OIE, FAO and WHO

[www.who.int/drugresistance](http://www.who.int/drugresistance)  
[www.oie.int/antimicrobial-resistance](http://www.oie.int/antimicrobial-resistance)  
[www.fao.org/antimicrobial-resistance](http://www.fao.org/antimicrobial-resistance)

**#AntibioticResistance**



Food and Agriculture  
Organization of the  
United Nations

**OIE**  
WORLD ORGANISATION  
FOR ANIMAL HEALTH



World Health  
Organization