

ANTIMICROBIAL RESISTANCE (AMR)

AMR is the process of microorganisms becoming resistant to antibiotic treatment.



AMR

has a serious impact on human and animal health.

Cause of antimicrobial resistance



Using antibiotics for viral infection



Not determining the underlying cause



Lack of hygiene and pure sanitation

AMR – Important for the ‘One Health’ Approach



AMR knows no geographic or human/animal boundaries. Misuse of antibiotics reduces the effectiveness of human and animal treatments. It causes economic losses.

AMR's cost – economically significant.



1.5 billion Euros loss per year in health and production



The second largest cause of human death in the **world** is bacterial infections



33,000 deaths per year in the EU



It is estimated that by **2050** AMR will cause more deaths than cancer

Veterinary Medicinal Products – Combating Antimicrobial Resistance



For use only with veterinary prescription



Prohibition of its use as a preventative and growth supplement in medicated feed



Appropriate withdrawal period



Do not dispose of expired antibiotics in the environment



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