

Controlling Antimicrobial Resistance in Scotland (CARS)



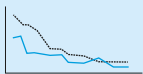
ANTIMICROBIAL RESISTANCE REMAINS A MAJOR GLOBAL **PUBLIC HEALTH** ISSUE. CONSEQUENCES INCLUDE INCREASED MORBIDITY AND MORTALITY; PROLONGED ILLNESS AND HOSPITAL STAYS; INCREASED RISK OF SPREAD OF **INFECTION**; AND SUBSTANTIAL **ECONOMIC** AND **SOCIAL COSTS**.

THE CARS PROGRAMME HAS DEVELOPED A **ONE HEALTH APPROACH** WHICH RECOGNISES THE COMPLEX ECOLOGICAL FACTORS AMONG HUMANS, ANIMALS AND THE ENVIRONMENT WHICH INFLUENCE AMR.



CONTROL OF AMR IN ANIMAL HEALTH

- NATIONAL GUIDANCE ON BIOSECURITY/DISEASE AVOIDANCE.
- RECOMMENDATIONS ON ANIMAL AMR DATA QUALITY IMPROVEMENT AND STANDARDISATION.



AMR INTELLIGENCE

- PILOT TO ENSURE PROVISION OF ALL ANTIMICROBIAL SUSCEPTIBILITY TESTING (AST) DATA TO ECOS.
- RECOMMENDATIONS INTO CAPTURING/REPORTING NON-HAI BACTERIAL AND NON-BACTERIAL AMR DATA.
- INVESTIGATION INTO SURVEILLANCE OF AMR IN THE ENVIRONMENT.
- EXPANSION OF ANIMAL AMR SURVEILLANCE DATA.



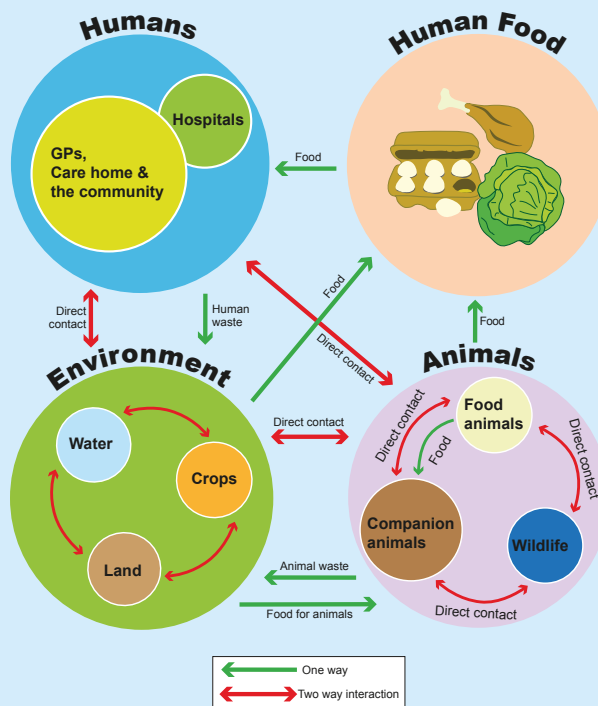
AMR RESEARCH PRIORITISATION AND COORDINATION

- SCOTTISH AMR RESEARCH CONSORTIUM (SARC) WORKSHOP.
- RECOMMENDATIONS ON AMR RESEARCH PRIORITIES.
- AMR IN THE ENVIRONMENT RESEARCH WORKSHOP.
- INVESTIGATION OF PRESCRIBING GUIDANCE.

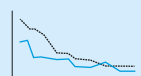


ENGAGEMENT AND EDUCATION IN AMR

- FIRST MEETING OF SCOTTISH DENTAL AMR GROUP.
- LAUNCH OF SCOTTISH ENVIRONMENTAL AMR GROUP.



PLANNED ACTIVITIES FOR 2017/18



- CREATION OF THE SCOTTISH ONE HEALTH AMR AND AMU REPORT (SONAAR)
- CONSTRUCTION OF A SCOTTISH AMR RESEARCH NETWORK WEBSITE
- RESEARCH WORKSHOP
- PILOT A REGIONAL ONE HEALTH AMR MANAGEMENT APPROACH