



RWANDA



The Department of Health and Social Care (DHSC)'s Fleming Fund is a UK aid programme that supports up to 25 countries across Africa and Asia to tackle antimicrobial resistance (AMR), a leading public health threat, globally. The Fleming Fund invests in strengthening surveillance systems through a portfolio of Country Grants, Regional Grants, and Fellowships managed by Mott MacDonald and Global Projects managed by DHSC partners.

Country Context

Rwanda developed key documents such as the National Action Plan on Antimicrobial Resistance (NAPAMR 2020-2024) and policies for stewardship and surveillance. The Government of Rwanda's policy and delivery aims to strengthen public health emergency response capacity through the implementation of the International Health Regulations and the Global Health Security Agenda, including strengthening laboratory capacity for detection and diagnosis of outbreaks and emerging infectious diseases.

The Rwanda Country Grant aims to maximise the impact of investments made to date by supporting the multi-stakeholder revision of the NAP for AMR. This involves consolidating surveillance toward an integrated One Health system to produce data-driven decisions and policymaking.

Phase 2 Country Grant – Expected Results



Support the development and piloting of poultry and dairy surveillance strategies and protocols, with at least one round of active surveillance in the poultry and dairy sectors.



A national integrated antimicrobial consumption (AMC) surveillance strategy will be developed and piloted to provide a guiding framework for the collection of AMC data at national, site, and farm levels.

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Support nine surveillance sites – seven in human health (HH) and two in animal health (AH) – to progress to core level and above.



Strengthen the biorepository systems at National Reference Laboratories (NRLs), and the development of a national microbiology in-service training curriculum.



Support the development of staff capacity for performing routine or conventional clinical microbiology (for HH sites) and the equivalent for AH sites.



Support the improvement of quality management systems in the laboratory sub-sector and establish a national External Quality Assessment (EQA) system for microbiology laboratory testing.



NRLs will be supported to develop Proficiency Testing panels and distribute them to the other surveillance sites for testing of technical skills.



Support the adaptation and implementation of the Global and WHO hospital Point Prevalence (PPS) to collect annual antimicrobial use (AMU) surveillance data from all supported sites.



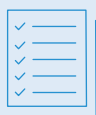
Support the development and implementation of AMR and AMU data collection protocols in private sector hospitals.



Support the NRL to analyse data from all HH sites and develop site-specific antibiograms using the AMR data from each site.



Support the successful integration of AMR data into the RBC One Health database. Promote data sharing at AMRC meetings and at key events, and with professional groups in Rwanda.



Support the revision and approval of standard treatment guidelines and the national essential medicines list to incorporate results from AMR/U surveillance at site and national levels.



Support the National AMR Secretariat through quarterly sectoral meetings to develop a plan for sustainable governance and discuss AMR-related data, policies, and activities within the sectors.



Phase 2

Country Grant

Grantee: Georgetown University

Sub-grantees: The East, Central and Southern Africa Health Community, Rinda Ubuzima, Rwanda Biomedical Center

Value: £799,903

Duration: Jul 2024 - Dec 2025

Regional Grants

(Across multiple countries, including Rwanda)

African Society for Laboratory Medicine

Mapping Antimicrobial Resistance and Antimicrobial Use Partnership (MAAP)

Value: £2,997,523

Duration: Dec 2023 - Dec 2025

African Society for Laboratory Medicine

External Quality Assessment of Laboratory Data Africa (EQuAfrica)

Value: £2,458,558

Duration: Oct 2023 - Dec 2025

Technical University of Denmark

Whole Genome Sequencing and Bioinformatics Capacity Building in Africa (SeqAfrica)

Value: £3,595,802

Duration: Oct 2023 - Dec 2025

International Livestock Research Institute

AMR and One Health East and Southern Africa (AMROH ESA)

Value: £1,800,000

Duration: Jan 2024 - Dec 2025

Strategic Alignment Grants

(Across multiple countries, including Rwanda)

Brigham and Women's Hospital

WHONET: Management and Analysis of Microbiology Laboratory Data

Value: £453,328

Duration: Mar 2024 – Dec 2025

Commonwealth Pharmacists Association

Surveillance and Prescribing Support for Antimicrobial Stewardship Resource Capacity Building (SPARE)

Value: £806,742

Duration: Mar 2024 - Dec 2025



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