



## SRI LANKA



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

Sri Lanka has established AMR surveillance capacity with the existing surveillance laboratory network managed by well-trained human resources and with quality microbiology services across the human health (HH), animal health (AH), aquaculture, and environment sectors. It also has national-level external quality assessment (EQA) schemes for laboratory AMR services in the HH sector.

The draft National Strategic Plan for Combating Antimicrobial Resistance in Sri Lanka 2023-2028 (NSP) and operational plan are well developed.

The Country Grant in phase 2 aims to build on and maximise the impact of investments made to date. 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 of a road map for environmental risk assessment and management of AMR. This includes a rapid national assessment of AMR risks in the environment, targeting the priority pathogens and antimicrobial compound residues.



Establish a National Reference Laboratory Network for AMR surveillance across multiple sectors.



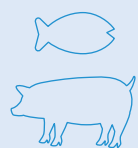
Carry out baseline laboratory capacity assessments of clinical microbiology laboratories per internationally accepted standards in the sector.



Support the adoption of the AWaRe classification of antimicrobials in the human health (HH) sector and include coverage of primary care and the private health sector.



Review guidelines for prescribing antimicrobials and make available in different healthcare settings (inpatient/outpatient/community).



Develop a system to link AMR surveillance with antimicrobial consumption (AMC) surveillance in HH. In animal health (AH), a system will be developed to link and compare the animal and aquatic AMR surveillance data with antibiotic use in the respective sectors.



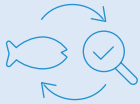
Support the wider use of Open University modules by laboratory staff and other AMR practitioners at surveillance sites.



Fellowships have been awarded to laboratory staff at the Medical Research Institute, at a regional hospital and at the Veterinary Research Institute.



Two AMR Policy Fellowships have been awarded to staff at the Ministry of Health and at the National Coordinating Centre to ensure surveillance data is used nationally to develop prescription guidelines, influencing clinical practice and antibiotic stewardship.



A Fellowship in the aquaculture sector will provide the scoping for antimicrobial use/consumption (AMU/C) surveillance system strengthening needs.

## Phase 2

### Country Grant

**Grantee:** World Health Organization

**Value:** £798,757

**Duration:** Oct 2024 - Dec 2025

### Fellowships

**No. of Fellows:** 10

**Host Institute:** Chinese University of Hong Kong

**Total value:** £720,000 (across multiple countries, including Sri Lanka)

**Total duration:** Feb 2024 - Dec 2025

### Regional Grants

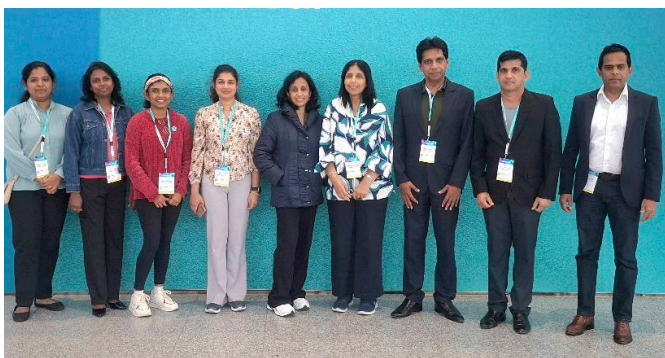
(Across multiple countries, including Sri Lanka)

**Liverpool School of Tropical Medicine**

Gender, Equity and Antimicrobial Resistance Mainstreaming (GEAR up)

**Value:** £2,199,925

**Duration:** Feb 2024 - Dec 2025



### International Vaccine Institute

Technical Assistance for Clinical Engagement Asia (TACE Asia)

**Value:** £1,882,436

**Duration:** Feb 2024 - Dec 2025

### International Vaccine Institute

Capturing Data on Antimicrobial Resistance Patterns and Trends in Use in Regions of Asia (CAPTURA)

**Value:** £3,186,597

**Duration:** Oct 2023 - Dec 2025

### Technical University of Denmark

External Quality Assessment of Laboratory Data Asia (EQAsia)

**Value:** £2,497,995

**Duration:** Nov 2023 - Dec 2025

### Massey University

AMR and One Health South Asia (AMROH SA)

**Value:** £1,145,833

**Duration:** Jan 2024 - Dec 2025

## Strategic Alignment Grants

(Across multiple countries, including Sri Lanka)

### Brigham and Women's Hospital

WHONET: Management and Analysis of Microbiology Laboratory Data

**Value:** £453,328

**Duration:** Mar 2024 - Dec 2025

## Phase 1

### Fellowships

**Number of Fellows:** 8

**Host Institution:** Chinese University of Hong Kong

**Value:** £1,309,000 (across multiple countries including Sri Lanka)

**Duration:** Feb 2024 - Dec 2025

# Phase 1 – Key Achievements

## Fleming Fellows:



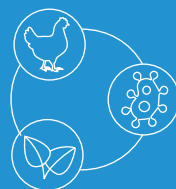
Conducted a retrospective study on AMC data from Jan-Dec 2021 from the Western Regional Hospital.

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Conducted training on AMR data reading and interpretation for 30 staff members at the MoH.



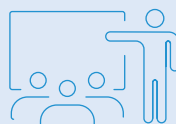
Hong Kong University mentors arranged workshops on establishing a low-cost surveillance system.



Conducted online training for large and medium-scale commercial farmers and veterinarians on minimising AMU and AMR through biosecurity practices and effective vaccination in commercial broiler farming, swine farming, and poultry farming.



Collected and analysed data sent to the Ministry of Health (MoH) for submission to GLASS.



Ran AMU/AMR awareness programmes to directors and colleagues at various beneficiary institutes and health ministries. Participated in various national AMR governance committees.

100

Ran WHONET training for 100 other fellows and stakeholders.

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Five AH research articles have been published and three are under review.



Provided training on sample collection, transport and storage for 68 nurses, 61 medical officers at hospitals and 75 staff in other healthcare settings.



AMR surveillance human health fellow received the best practice award at the National Patient Safety Day, 2021.



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