

Country Brief

Malaysia

The **ASEAN-UK Health Security Partnership (HSP)** programme is a five-year programme designed to strengthen ASEAN Member States' ability to prevent, detect, and respond to health threats, while supporting ASEAN Health Cluster priorities and ASEAN-UK collaboration. It focuses on preparedness and response, equitable health systems, and climate-health links. Using One Health approach, HSP provides demand-led grants to accelerate implementation of evidence-based priorities, and peer exchange awards to promote the exchange of knowledge and best practices.



Country Portfolio



Value up to:
£130,227



Peer Exchange
Awards: 5



Grants: 5



Partners: 25

Expected Outcomes for Malaysia:

- Stronger laboratory systems, leadership, and biosecurity standards through regional collaboration & peer learning.
- Improved cross-border health surveillance and data exchange through International Patient Summaries.
- Improved food safety capacity via enhanced surveillance, laboratory, and data-sharing capacity.
- A climate-aware One Health workforce, generating evidence for climate-health policies.
- Enhanced regional vaccine manufacturing workforce through hands-on biomanufacturing training and mentorship.
- Strengthened outbreak detection and response through structured mentoring, training and regional exchanges.
- Greater access to regional health evidence through a regional digital platform, strengthening policymaking.

ASEAN One Health Climate Fellowship (Peer Exchange Award)

Duration: 12 months

Lead Grantee: Southeast Asia One Health University Network Foundation (SEAOHUN)

Working in Cambodia, Indonesia, Lao PDR, [Malaysia](#), [Philippines](#), [Thailand](#), and [Viet Nam](#), the project delivers four-month placements, mini-projects, and knowledge forum to build a climate-aware One Health workforce and generate case studies and policy briefs for ASEAN and national climate-health policies.

Vaccine Manufacturing Training Programme for ASEAN Member States (Direct Award)

Duration: 24 months

Implementing Organisation: University of Sheffield

Consortium Partner: Hilleman Laboratories Singapore Pte Ltd

This project delivers hands-on biomanufacturing training and mentorship to strengthen vaccine manufacturing workforce across ASEAN, including [Malaysia](#), fostering regional collaboration with varying levels of institutional engagement across Member States.

Supporting ASEAN Health Priorities:



- Human resources for health
- Regional preparedness & response
- Environmental health and health impact of climate change



- Pharmaceutical development
- Human resources for health



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Suparach Seechae for FHI 360

Strengthening Resilient Laboratory Systems in ASEAN through Regional Preparedness, Response, and Leadership Development (Multi-country Grant + Peer Exchange Award)

Duration: 36 months

Lead Grantee: Regional Public Health Laboratory Network

Consortium Partners: *Department of Medical Sciences, Ministry of Public Health, Thailand; Research Institute for Tropical Medicine, Philippines; National Institute of Hygiene and Epidemiology, Viet Nam; National Public Health Laboratory, Singapore*

This initiative aims to build sustainable laboratory capacity and regional collaboration across ASEAN, including [Malaysia](#), support National Laboratory Strategic Plans, strengthen leadership through peer learning and digital platforms, and harmonise standards for biosecurity and outbreak response, while fostering south-to-south knowledge exchange.

The ASEAN Vaccine Pooled Procurement Peer Exchange (AVP3E) Programme (Peer Exchange Award)

Duration: 12 months

Lead Grantee: Centre for Behavioural and Implementation Science Interventions, National University of Singapore

Consortium Partners: *National Vaccine Institute, Thailand; The UK-Southeast Asia Vaccine Manufacturing Research Hub, University of Sheffield*

Covering [Malaysia](#), Singapore and Thailand, this project conducts workshops and technical exchanges to identify drivers, barriers and enablers for pooled procurement aligned with the ASEAN Vaccine Security and Self-Reliance (AVSSR) initiative.

Strengthening Cross-Border Digital Health Interoperability & Surveillance in ASEAN through the Adoption of the International Patient Summary - SECURE (Peer Exchange Award)

Duration: 12 months

Lead Grantee: Center for Tropical Medicine, Universitas Gadjah Mada

Consortium Partners: *Faculty of Tropical Medicine, Mahidol University; Instituto Nacional de Saude Publica de Timor-Leste; UPM Silab; Asia eHealth Information Network*

This project covering Indonesia, [Malaysia](#), Philippines, Thailand and Timor-Leste provides gap mapping, training on standards and interoperability, site visits and capstone projects to demonstrate cross-border surveillance data exchange via International Patient Summaries.

ASEAN-LabConnect TL: Strengthening Food Laboratory & Inspection Capacity through Peer Exchange (Peer Exchange Award)

Duration: 12 months

Lead Grantee: Autoridade de Inspeção e Fiscalização das Atividades Económicas, Sanitárias e Alimentares

Consortium Partners: *BPOM Indonesia (Indonesian Food and Drug Authority); Food Safety and Quality Division (FSQD), Ministry of Health Malaysia*

Covering Indonesia, [Malaysia](#), and Timor-Leste, this project builds laboratory and inspection capacity through training, placements, and Training-of-Trainers, strengthening food safety systems, AMR detection, and standards for the country's first food laboratory.

Supporting ASEAN Health Priorities:



- Prevention and control of diseases
- Regional preparedness & response
- Human resources for health



- Prevention and control of diseases
- Regional preparedness & response
- Pharmaceutical development



- Digital health



- Prevention and control of diseases
- Strengthening laboratory capacity
- Human resources for health
- Ensuring food safety

Supporting ASEAN Health Priorities:



- Digital health



- Ensuring food safety



- Human Resources for health
- Regional preparedness & response
- Environmental health and health impact of climate change

ASEAN Health Knowledge Management Platform Project (Direct Award)

Duration: 36 months

Proponent: Ministry of Health, Indonesia

Implementing Agency: Indonesia One Health University Network

Under an ASEAN-wide initiative, [Malaysia](#) will benefit from the ASEAN Health Knowledge Management Platform through access to sustainability studies, capacity building, focal point training, and phased integration, and will contribute to its launch as ASEAN's core health knowledge tool.

Monitoring of Dietary Exposure of Pesticide Residues from Leafy and Fruiting Vegetables among ASEAN Member States (Direct Award)

Duration: 36 months

Proponent: Singapore Food Agency

Co-Implementors: ASEAN Risk Assessment Centre for Food Safety; Vietnam Food Administration

For [Malaysia](#), this three-year pilot aims to enhance ASEAN capacity for dietary exposure assessment of pesticide residues via sampling plans, harmonised laboratory methods, data exchange protocols, exposure assessments, and policy recommendations for food safety.

Enhancing Regional Field Epidemiology Collaboration and Workforce Capacity (Direct Award)

Duration: 36 months

Proponent: ASEAN-Plus Field Epidemiology Training Network FETN Foundation

This project strengthens mentorship and supervisory capacity within the ASEAN+3 Field Epidemiology Training Programme, establishing a regional mechanism for countries to identify, investigate, and assess public health threats of regional concern and building institutional capacity for outbreak investigation and response, benefiting all ASEAN Member States including [Malaysia](#).