

Country Brief

Thailand

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:
£2,261,172



Peer Exchange
Awards: **4**



Grants: **7**



Partners: **26**

Expected Outcomes for Thailand:

- Stronger evidence-to-policy linkages and regional leadership, contributing to ASEAN health priorities.
- Enhanced Thai surveillance, laboratory, and data-sharing capacity, improved detection and reporting of infectious diseases and AMR.
- Greater national preparedness and resilience, reducing health security risks and improving Thailand's ability to prevent, detect, and respond to public health threats.
- Strengthened human resources capacity through structured mentoring, training and regional exchanges.
- Stronger climate-resilient health systems in Thailand, improving primary healthcare preparedness, climate-smart healthcare, and integrated surveillance.

SHIELD: Strengthening Healthcare Infrastructure and Equity for Local Disaster Resilience in Thailand (Country Grant)

Duration: 36 months

Lead Grantee: Asian Institute of Technology

Consortium Partners: *Thammasat University; Brunel University; Suan Sunandha Rajabhat University; Department of Health, Ministry of Public Health, Thailand*

The project strengthens the resilience of primary health care to climate change through vulnerability assessments, a Climate-Health Resilience Toolkit and Early Warning System, AI-based hazard mapping, community co-created emergency protocols, and policy engagement for scaling up.

Climate-Adaptive Pediatric Health System (Country Grant)

Duration: 24 months

Lead Grantee: Chiang Mai University

Consortium Partners: *Royal College of Family Physicians of Thailand; Nanyang Technological University; Department of Disease Control, Ministry of Public Health, Thailand*

The project builds climate-health surveillance for maternal and child health by transforming electronic health records, integrating clinical and environmental data, engaging communities, assessing readiness, and linking evidence to policy for ASEAN replication.

Supporting ASEAN Health Priorities:



- Prevention and control of diseases
- Digital health
- Environmental health and health impact of climate change



- Regional preparedness & response
- Digital health
- Environmental health and health impact of climate change



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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, Communicable Diseases Agency, Singapore*

This initiative aims to build sustainable laboratory capacity and regional collaboration across ASEAN, 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: *Thailand National Vaccine Institute; 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, co-designed training on standards and interoperability, site visits and capstone projects to demonstrate cross-border surveillance data exchange using the International Patient Summary health record approach.

ASEAN Climate-Smart Healthcare Collaboratory (Peer Exchange Award)

Duration: 12 months

Lead Grantee: SingHealth Duke-NUS Global Health Institute, Duke-NUS Medical School, National University of Singapore

Consortium Partners: *UP-CPH Foundation, Inc; Department of Health Policy and Management, Faculty of Medicine, Public Health and Nursing, Universitas Gadjah Mada; KHANA Cambodia Center for Population and Health Research; Health Intervention and Technology Assessment Program Foundation*

The activities include regional mapping, workshop with site visits, multi-country case studies, webinars, and final report to build a community of practice on climate-smart healthcare across Cambodia, Indonesia, Philippines, Singapore and Thailand.

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

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.

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 [Thailand](#), 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.

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 [Thailand](#), fostering regional collaboration with varying levels of institutional engagement across Member States.

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, [Thailand](#) 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.

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 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](#).

Supporting ASEAN Health Priorities:



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



- Ensuring food safety



- Pharmaceutical development
- Human resources for health



- Digital health



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