



## THE 5TH GLOBAL HEALTH SECURITY AGENDA (GHS) MINISTERIAL MEETING

### Advancing Global Partnerships

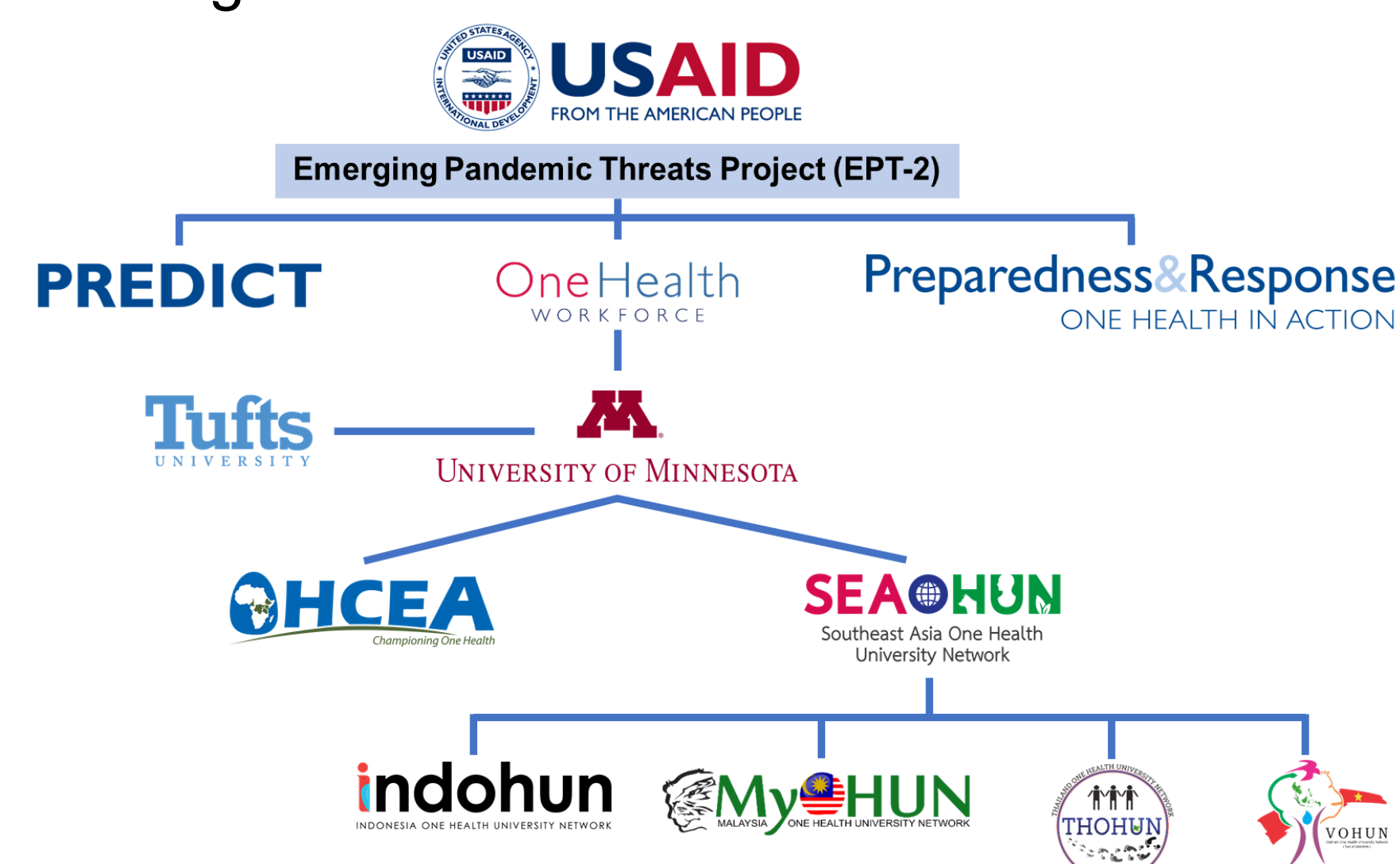
# SEAOHUN, a Network of Universities Advancing One Health Workforce Development in Southeast Asia

Wiku Adisasmito<sup>1</sup>, Mohd Hair Bejo<sup>2</sup>, Pratap Singhasivanon<sup>3</sup>, Le Thi Huong<sup>4</sup>, and Vipat Kuruchittham<sup>5</sup>

<sup>1</sup> Indonesia One Health University Network, <sup>2</sup> Malaysia One Health University Network, <sup>3</sup> Thailand One Health University Network, <sup>4</sup> Vietnam One Health University Network, <sup>5</sup> Southeast Asia One Health University Network

## INTRODUCTION

The Southeast Asia One Health University Network (SEAOHUN) was established in 2011 with support from the USAID Emerging Pandemic Threats RESPOND Project. SEAOHUN works in collaboration with universities and faculties in the Southeast Asia region to enhance academic partnerships and One Health workforce capacity building.



SEAOHUN has successfully implemented its mission throughout the past 7 years in Indonesia, Malaysia, Thailand, and Vietnam as the member countries and has recently begun its operation in the expansion countries within the region to Cambodia, Lao PDR, and Myanmar with the support of the USAID, the Korea International Cooperation Agency (KOICA), and U.S.



## STRATEGIC OBJECTIVES

1. Social and Policy Advocacy
2. Knowledge Generation, Management and Sharing
3. Capacity Building
4. Strengthening Organization Structure

## HOW WE COLLABORATE

The SEAOHUN Executive Board provides strategic and policy direction to the network. SEAOHUN promotes and facilitates collaborative activities and projects among network members, with an emphasis on trans-disciplinary and trans-boundary partnerships. Programs include, but are not limited to, support for student and staff exchanges, curriculum development, strengthening and developing teaching methodologies, and support for research capacity building and innovative projects that provide an evidence-base for One Health advocacy with governments and other collaborating partner agencies.

## KEY RESULTS



### Scholarship and Fellowship Programs:

SEAOHUN provided a total of 39 scholarships for students from Indonesia, Malaysia, Vietnam, Bangladesh, Cambodia, and Myanmar to undertake One Health-related Master's Degree programs in Malaysia, Thailand and Vietnam in academic years 2016 - 2017 to 2018 - 2019. SEAOHUN has partnered with 8 organizations\* to host and mentor a total of 18 fellows in 2017 - 2018 from multiple One Health-related disciplines from 7 countries to gain practical trans-disciplinary practice from working with the host organizations for 3-5 months.



### One Health Antimicrobial Resistance (AMR) Surveillance System for Malaysia:

Seminar and two workshops, organized by Malaysia One Health University Network (MyOHUN), in partnership with the Ministry of Health (MOH) and Department of Veterinary Services (DVS), aimed to improve the knowledge of AMR among human and animal health professionals, and to establish a Malaysian AMR Surveillance System (MARSS) based on the One Health concept. The group successfully produced a draft MARSS manual and conducted an application workshop in 2018.



### Rabies Outbreak Response in Thailand:

This workshop was implemented by Thailand One Health University Network (THOHUN) to develop capacities of government staff from the 7 ministries and Thai Red Cross who are part of the MoU on the Implementation of OH Initiative for National Health Security in response to an outbreak, and identify appropriate actions as defined by current workforces from a multi-sectoral and multi-disciplinary views. By verifying linkages among government agencies and stakeholders at different levels through rabies outbreak simulation, participants formulated plans in coordinating a unified response among relevant stakeholders, and formulated outbreak response plans for different settings and/or scenarios.



### Global Health True Leaders 2.0:

A 7-day course was designed and conducted by Indonesia One Health University Network (INDOHUN) is an annual activity for future leaders, undergraduate students studying in health-related majors. Using interactive concepts, students learn how to collaborate across disciplines as a team to successfully conduct their community intervention activities solving health-related issues.



### International Master of Public Health (One Health-Oriented):

The 12-month, full-time program, developed by the Institute of Preventive Medicine and Public Health, Hanoi Medical University with support from US universities and Vietnam One Health University Network (VOHUN), provides students with knowledge, skills, and attitudes to identify and propose solutions for health problems in communities. This is the first program in Vietnam to be taught in English and, with a focus on One Health. Thirty-seven students from 11 countries graduated from the first and second cohorts, and the third cohort commenced in October 2018 with 26 students from 8 countries.

## SUMMARY

### Multi-Sectoral Engagement

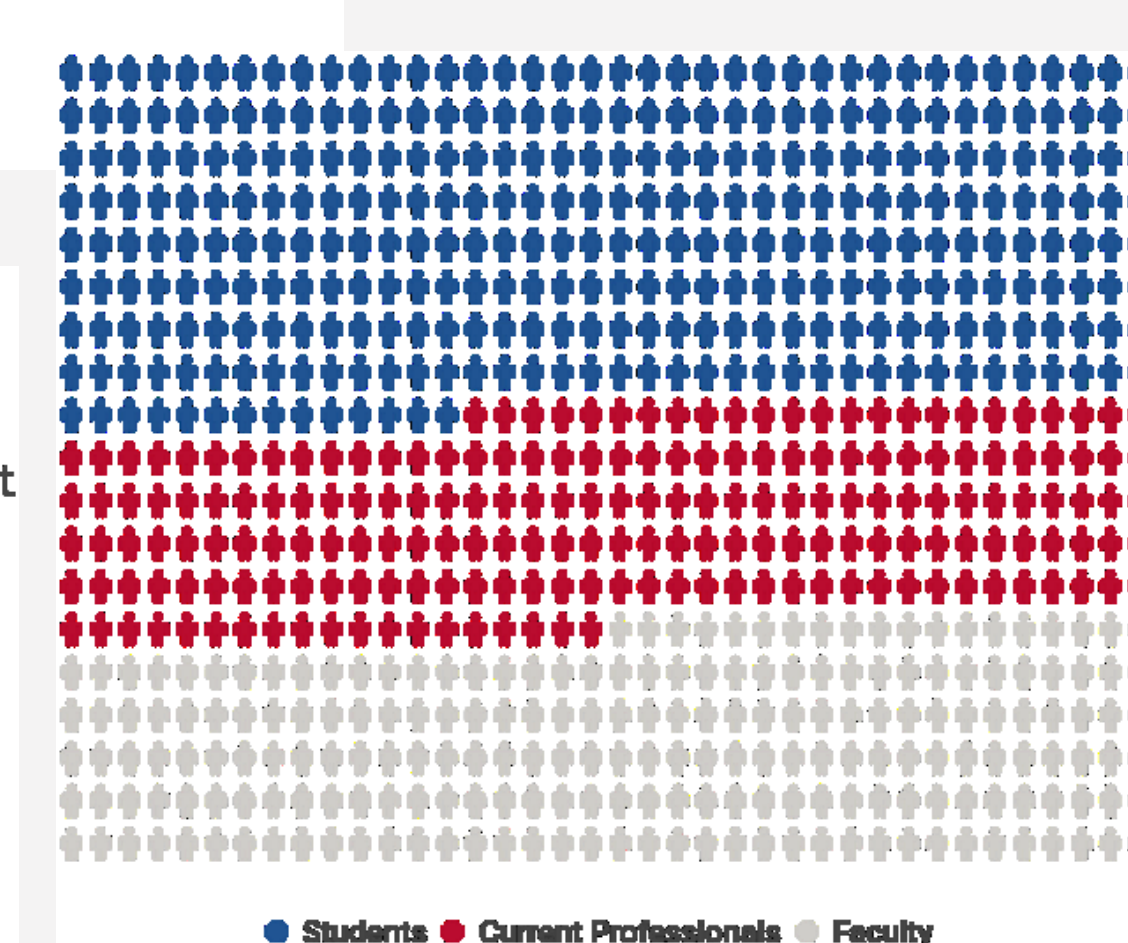
- 49 Community Outreach Activities
- 2 One Health Policy Papers
- 37 Multi-Sectoral & Multi-Lateral Events Coordinated
- 15 Evidence-Based Materials Created

### Education & Training

- Over 6,000 students, current professionals, and faculty members have attended trainings
- 24 One Health Fellows have been placed in organizations

### Institutional Strengthening

- Over 1,700 faculty have attended trainings and professional development
- 115 schools are members in the One Health University Networks
- 6 operations manuals & implementation tools created



For comments or further discussion, please contact: Vipat Kuruchittham, PhD, Executive Director of SEAOHUN Secretariat  
Email: [vipat@seahun.org](mailto:vipat@seahun.org) ; [secretariat@seahun.org](mailto:secretariat@seahun.org) ; Facebook: <https://www.facebook.com/seahun>

\*List of organizations: FAORAP: FAO Regional Office for Asia and the Pacific; OIE SRR-SEA: OIE Sub-Regional Representation for South East Asia; PREDICT-2 Indonesia; CIRAD: Agricultural Research for Development; ILRI: International Livestock Research Institute; WCS: Wildlife Conservation Society; Thai CUOH: Thai Coordinating Unit for One Health at Ministry of Public Health; CU VET AMR: Chulalongkorn University Veterinary Antimicrobial Resistance Cluster

