



OneHealth
WORKFORCE



SEAOHUN and Its Role in the Region

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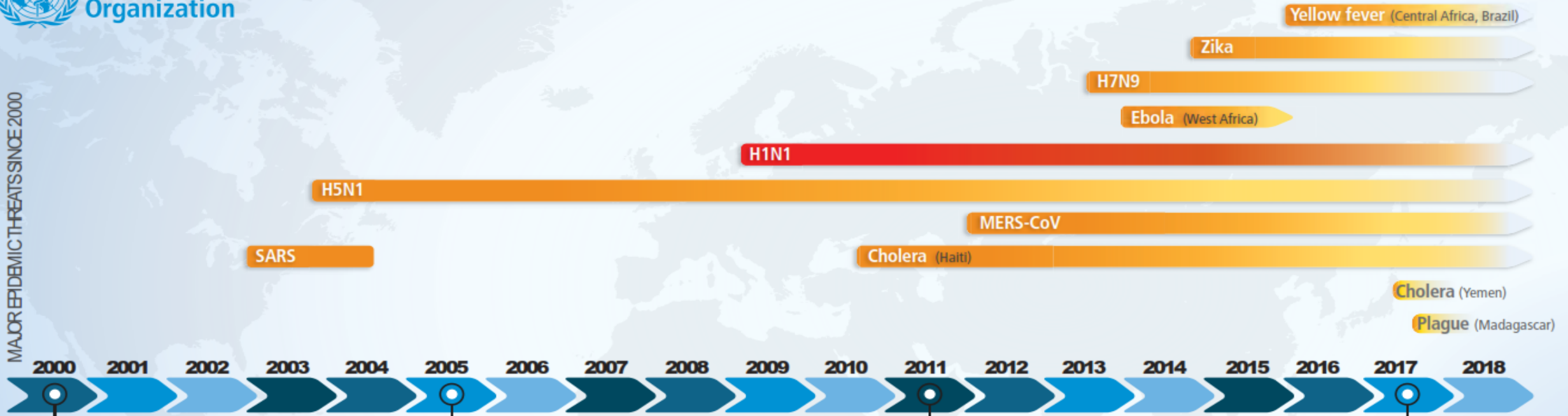
Who we are

What we do

Where we are going

MAJOR EPIDEMIC THREATS SINCE 2000

INTERNATIONAL COLLABORATION EFFORTS TO FIGHT EPIDEMIC THREATS



GAVI

Gavi, the Vaccine Alliance, is an international organisation that was created in 2000 to improve access to new and underused vaccines for children living in the world's poorest countries.

GOARN

The Global Outbreak Alert and Response Network (GOARN) is a technical collaboration of existing institutions and networks who pool human and technical resources for the rapid identification, confirmation and response to outbreaks of international importance.

IHR (2005)

The International Health Regulations (2005) or IHR (2005) are an international law which helps countries work together to save lives and livelihoods caused by the international spread of diseases and other health risks. The IHR (2005) aim to prevent, protect against, control and respond to the international spread of disease while avoiding unnecessary interference with international traffic and trade.

PIP Framework

The Pandemic Influenza Preparedness (PIP) Framework brings together Member States, industry, other stakeholders and WHO to implement a global approach to pandemic influenza preparedness and response. Its key goals include:

- to improve and strengthen the sharing of influenza viruses with human pandemic potential; and
- to increase the access of developing countries to vaccines and other pandemic related supplies.

PIP Review
IHR Review

LEGEND

- Epidemic
- Pandemic



Timeline

Major infectious threats in the 21st Century & collaboration mechanisms to fight against them

JOINT EXTERNAL EVALUATION TOOL

SECOND EDITION

INTERNATIONAL HEALTH REGULATIONS (2005)



PREVENT

- National legislation, policy and financing
- IHR coordination, communication and advocacy
- Antimicrobial resistance
- Zoonotic disease
- Food safety
- Biosafety and biosecurity
- Immunization

DETECT

- National laboratory system
- Surveillance
- Reporting
- Human resources

**HUMAN
RESOURCES**

RESPOND

- Emergency preparedness
- Emergency response operations
- Linking public health and security authorities
- Medical countermeasures and personnel deployment
- Risk communication

IHR RELATED HAZARDS AND POINTS OF ENTRY

- Points of entry
- Chemical events
- Radiation emergencies

Lessons learned:

Health security financing system in Vietnam

**“Workforce development is fundamental
for ensuring a sustainable and
effective health security system.**

Invest in human resource!!!!!!”



SEAOHUN
South East Asia One Health
University Network

SEA – O – HUN

A consortium of universities that are collaborating to build One Health capacity and academic partnerships with government, national and regional stakeholders in the Southeast Asian region.



OneHealth
WORKFORCE

EPT 1: 2009-2014

EPT 2: 2014-2019



SEAOHUN
South East Asia One Health
University Network

Established in 2011



20 universities,
34 schools/faculties



17 universities,
23 schools/faculties



10 universities,
42 schools/faculties



20 universities,
21 schools/faculties

IN 2018, 67 UNIVERSITIES, 120 SCHOOLS/FACULTIES

KOICA
Korea International
Cooperation Agency



LMI Embassy
Regional Grants
Program

Conduct OH activities in Cambodia, Myanmar, and Lao PDR but with no formal network.



One Health Workforce Project

Improve One Health workforce capacity with cross-sectoral competencies to prevent, detect and respond to infectious disease threats efficiently and effectively

Future Workforce
Pre-Service Students

Current Workforce
In-Service Professionals

Faculty/ Institutions
Faculty Members & Institutions



Who we are

What we do

Where we are going

ONE HEALTH MODULES

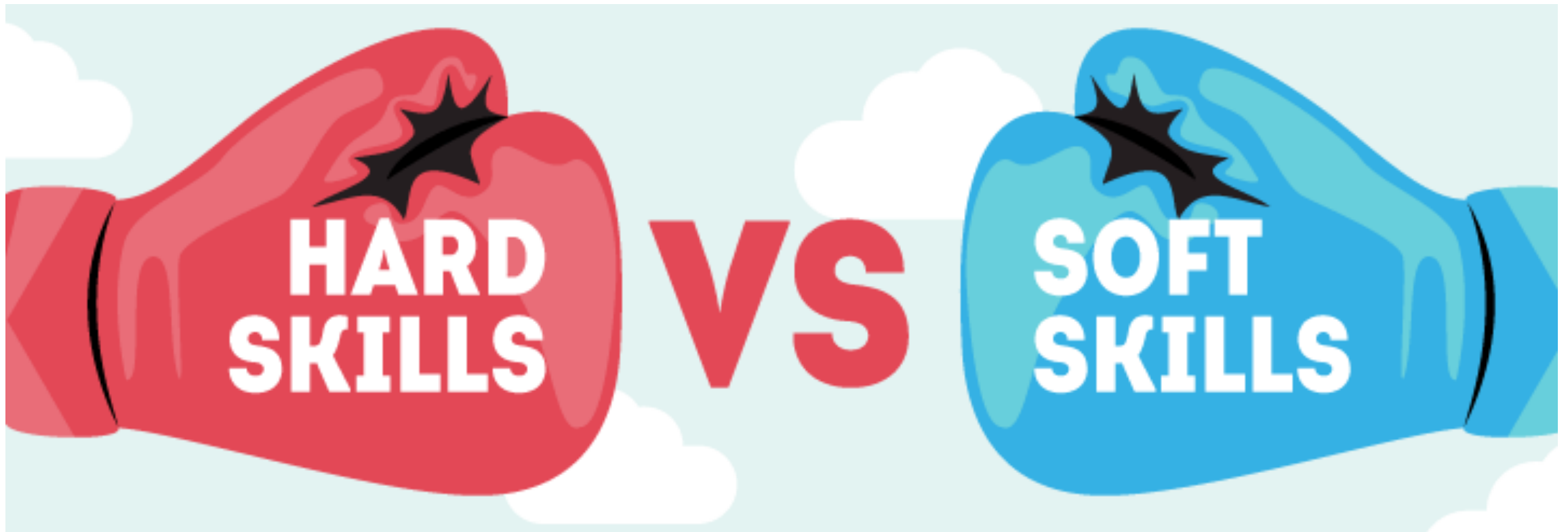


The seven technical modules are:

- One Health Concepts and Knowledge
- Fundamentals of Infectious Disease
- Infectious Disease Management
- Epidemiology and Risk Analysis
- Fundamentals of Public Health
- Ecosystem Health
- Behavior Change

The seven core competency modules are:

- Collaboration and Partnership
- Communication and Informatics
- Culture, Beliefs, Values and Ethics
- Leadership
- Management
- Policy, Advocacy and Regulation
- Systems Thinking



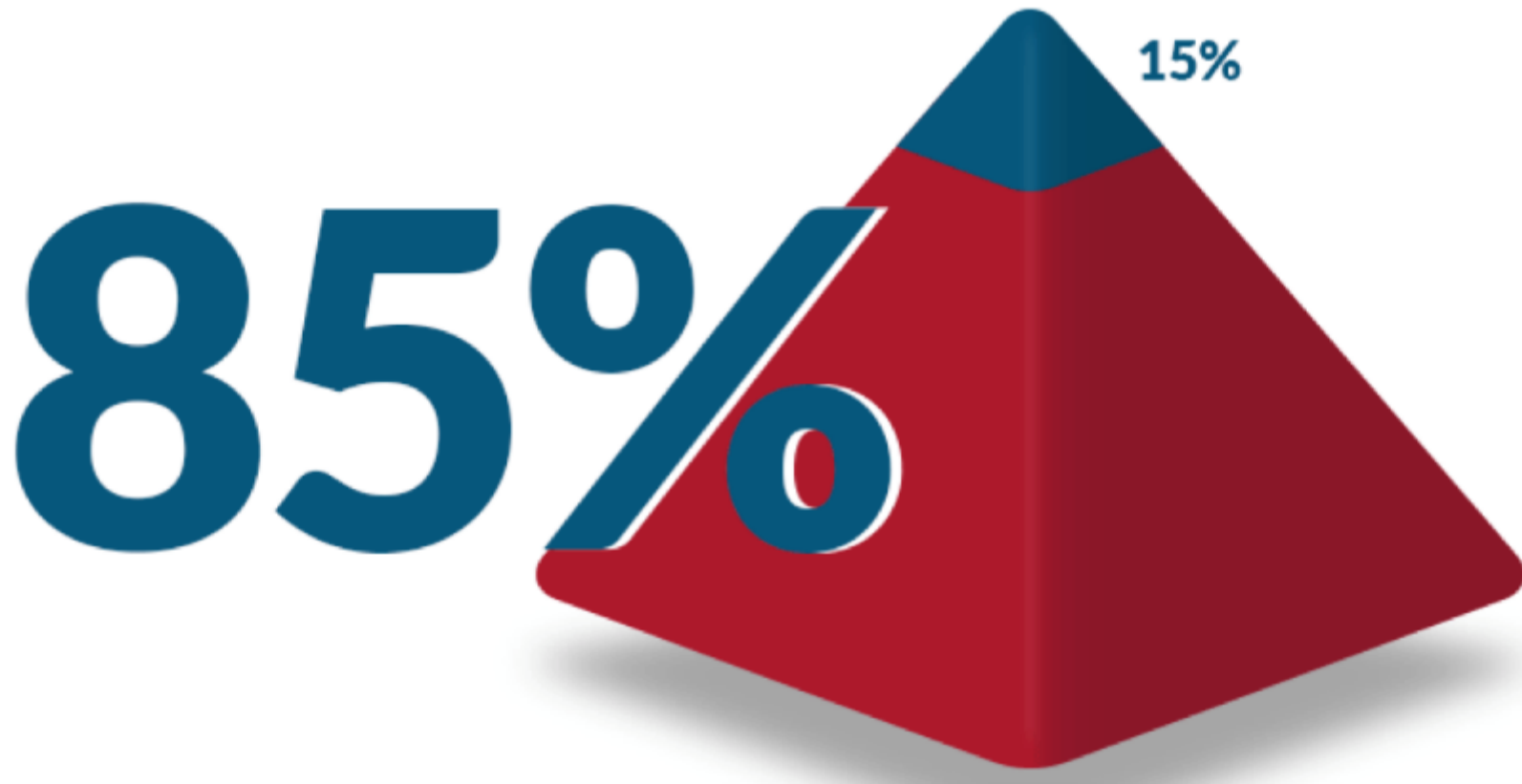
Technical Competency

Should not be the only primary focus

Core Competency

Communication, Coordination, Collaboration
Sharing information/resources
Building next generation leaders

Research conducted by Harvard University,
the Carnegie Foundation and Stanford Research Center, has all concluded that
85% of job success comes from having well-developed soft skills and people skills,
and only 15% of job success comes from technical skills and knowledge (hard skills).



HOW DO WE TEACH SOFT SKILLS?





OH WORKFORCE IN CAMBODIA





OH WORKFORCE IN CAMBODIA





OH WORKFORCE IN CAMBODIA





OH WORKFORCE IN CAMBODIA





OH WORKFORCE IN MYANMAR



Apply learner-centered activities when teaching One Health

Case Studies

Experiments

Field
observations
and experiences

Games

Group projects

Peer teaching

Photo essays
and videos

Problem-based
learning
exercises

Role plays and
simulations

Self-
assessments

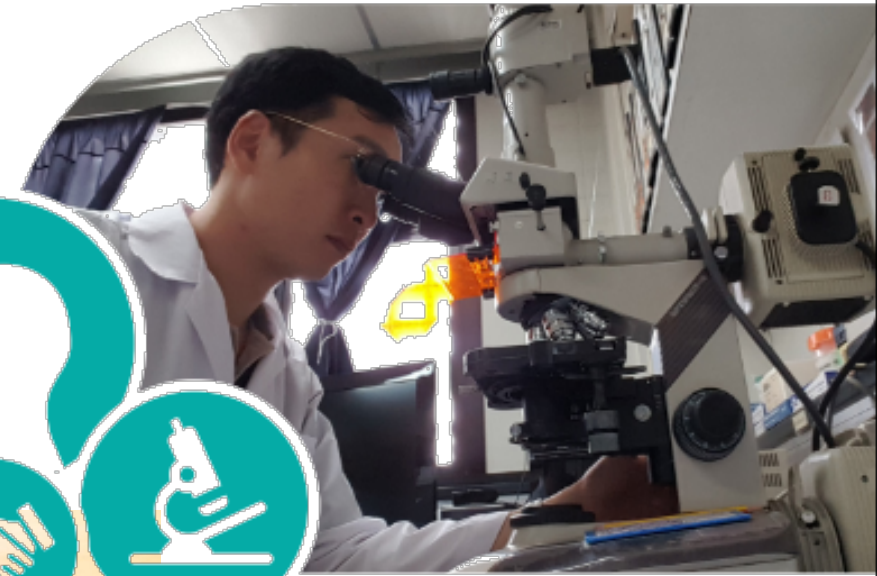


All genuine learning is active, not passive. It involves the use of the mind, not just the memory. It is a process of discovery, in which the student is the main agent, not the teacher.

— *Mortimer Adler* —

AZ QUOTES

SEAOHUN Fellowship Program



2018 Hosts

- FAO-RAP
- OIE SRR-SEA
- PREDICT-2 Indonesia
- CIRAD
- ILRI
- Thai CUOH
- WCS/PREDICT-2 Vietnam
- CU VET AMR



OneHealth
WORKFORCE



SEAOHUN Scholarship Program



39 scholarships for students from Indonesia, Malaysia, Vietnam, Bangladesh, Cambodia, and Myanmar to undertake One Health-related Master's Degree programs from academic years 2016 - 2017 to 2018 - 2019



Who we are

What we do

Where we are going

EXPANSION



- **Increase South to South Cooperation**
- **Regional activities**

SUSTAINABILITY



POTENTIAL PARTNERS



Health Security Financing



ASEAN Health Cluster 2:
Responding to All Hazards and
Emerging Threats

PRIVATE SECTOR ENGAGEMENT



GENERATIVE SOCIAL-IMPACT NETWORKS

*“Networks of individuals or organizations that aim to solve a difficult problem in the society by **working together**, adapting over time, and generating a **sustained** flow of activities and **impacts**.”*

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