

University-Government Partnership to Strengthen Veterinary Services in the Philippines

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The PHILIPPINES

3 Island Groups

Luzon (north)

Visayas (central)

Mindanao (south)

16 Administrative Regions

No. of Provinces	81
No. of Cities	132
No. of Municipalities	1,505
No. of Barangays	45,888



MY BACKGROUND



- ❖ Veterinarian
- ❖ Master of Veterinary Science (UQ)
- ❖ Qualified Certificate in Epidemiology (Germany)
- ❖ Doctor of Public Health (UP-in progress)
- ❖ Professor and Dean (CLSU)
- ❖ Consultant, Food and Agriculture Organization (FAO)
- ❖ Facilitator, AVET



COLLEGE OF VETERINARY SCIENCE & MEDICINE

Central Luzon State University, Science City of Munoz, Nueva Ecija, Philippines



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CLSU CVSM: Center of Excellence in Veterinary Education

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CLSU-CVSM History

The College of Veterinary Science and Medicine (CVSM) was established in 1978 through the Republic Act No. 4067 enacted to law by Congress in 1964 and was effected through the Board of Regent Resolution No. 17-78 s.1978. With the establishment of CVSM, the first ladderized veterinary curriculum in the Philippines was created, and was designed to produce veterinarians who are highly skilled not only in disease management, control and prevention but in various facets of animal production as well. For many years now, the CVSM graduates have consistently topped in the National Veterinary Licensure Examination and thus, the Commission on Higher Education and the Professional Regulation Commission have recognized the CVSM as one of the Top Performing Veterinary College in the Philippines. Recognizing the outstanding accomplishments of the College, the Commission on Higher Education recently awarded to the College the distinction of being a **Center of Excellence in Veterinary Education** in the Philippines.

Vision

MY INSTITUTION

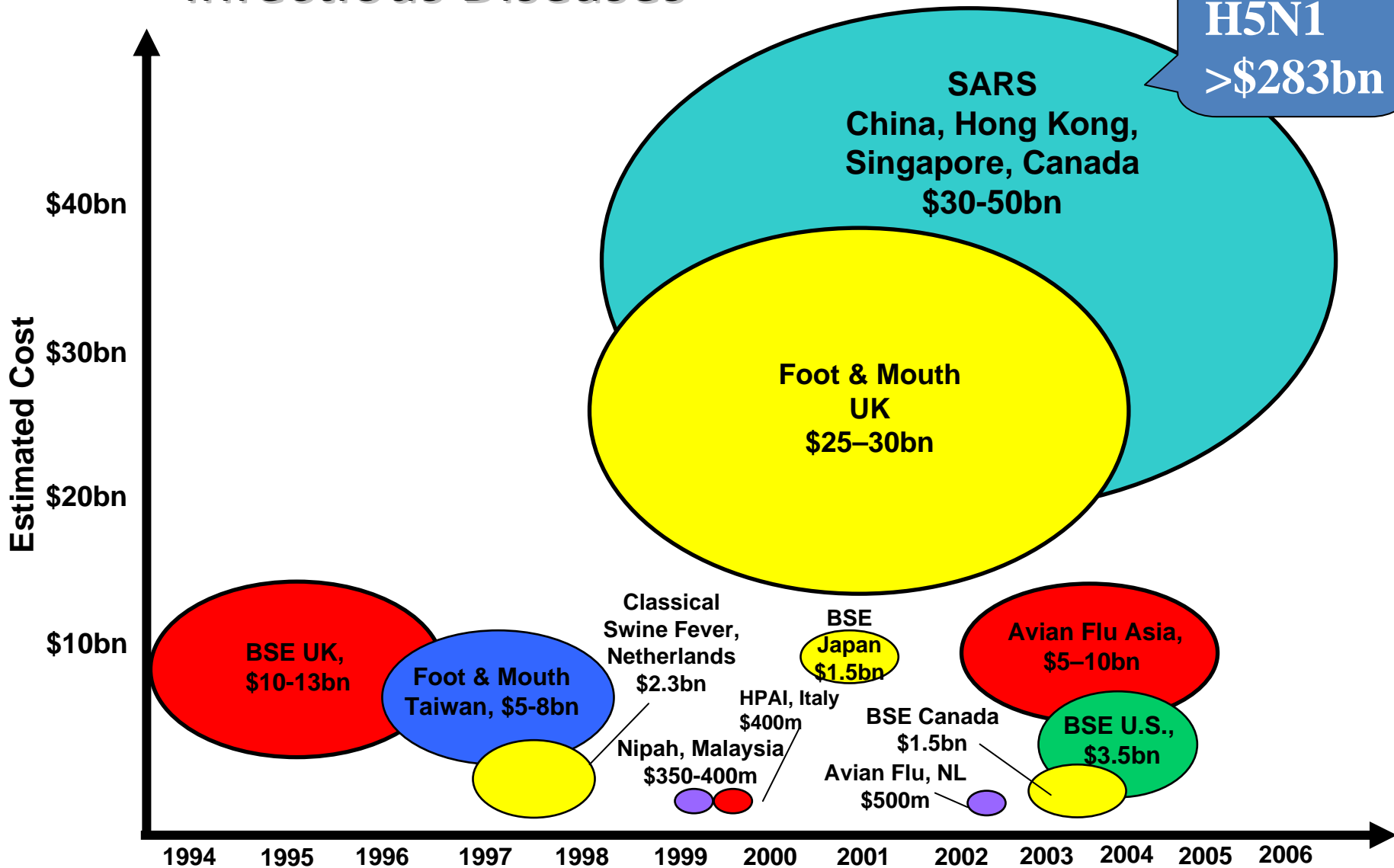


- ❖ Research Collaborations with Food and Agriculture Organization (FAO) of the United Nations
- ❖ Faculty, Student and Information Exchange with Iowa State University and Hokkaido University
- ❖ Linkage with FAO and the Department of Agriculture-Bureau of Animal Industry for Capacity Building Among Government Veterinarians through Applied Veterinary Epidemiology Training (AVET) Program

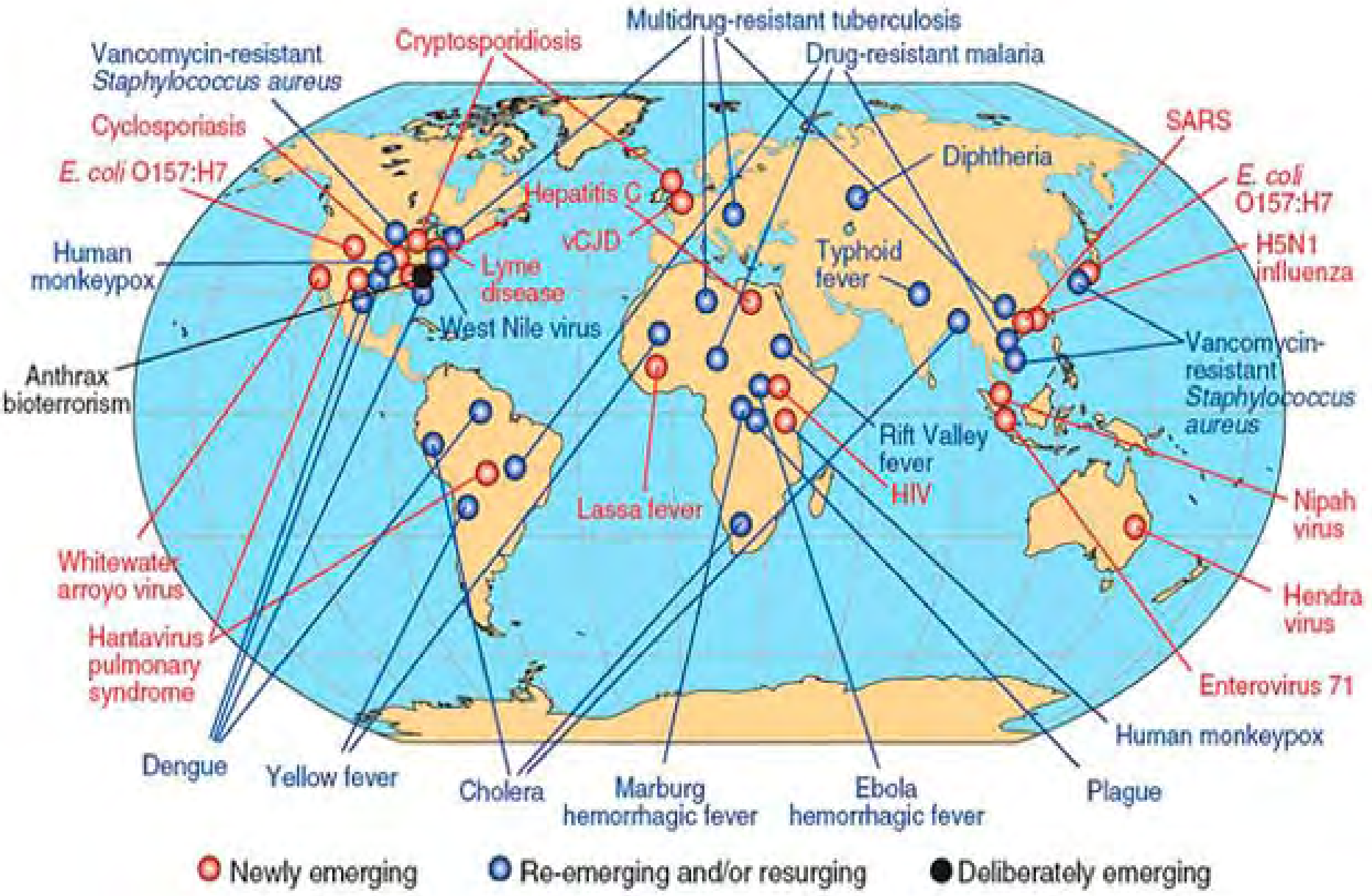


The Problem and Solution

Economic Impact of Emerging Infectious Diseases



Examples of Emerging & Re-Emerging Diseases



One new infectious disease is identified every year for the last 30 years



World Health Organization
World Health Organization

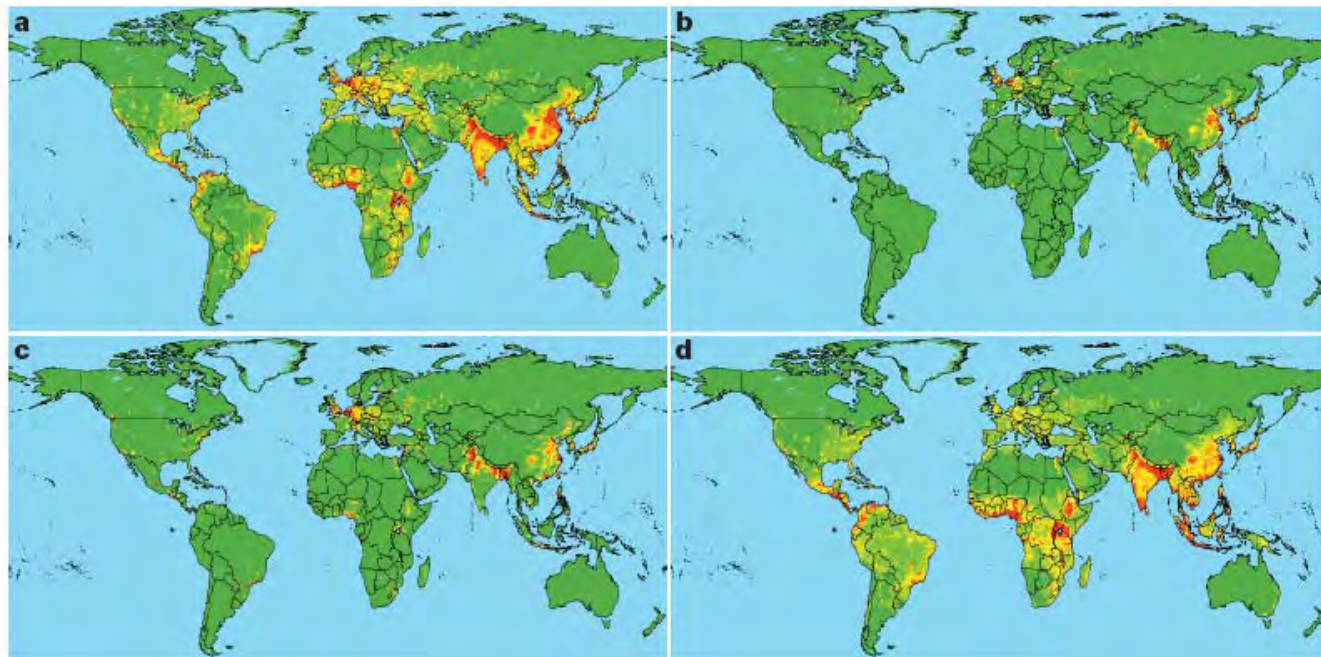
Global trends in emerging infectious diseases

Kate E. Jones¹, Nikkita G. Patel², Marc A. Levy³, Adam Storeygard^{3†}, Deborah Balk^{3†}, John L. Gittleman⁴ & Peter Daszak²

A-Zoonotic/wild

B-Zoonotic/domestic

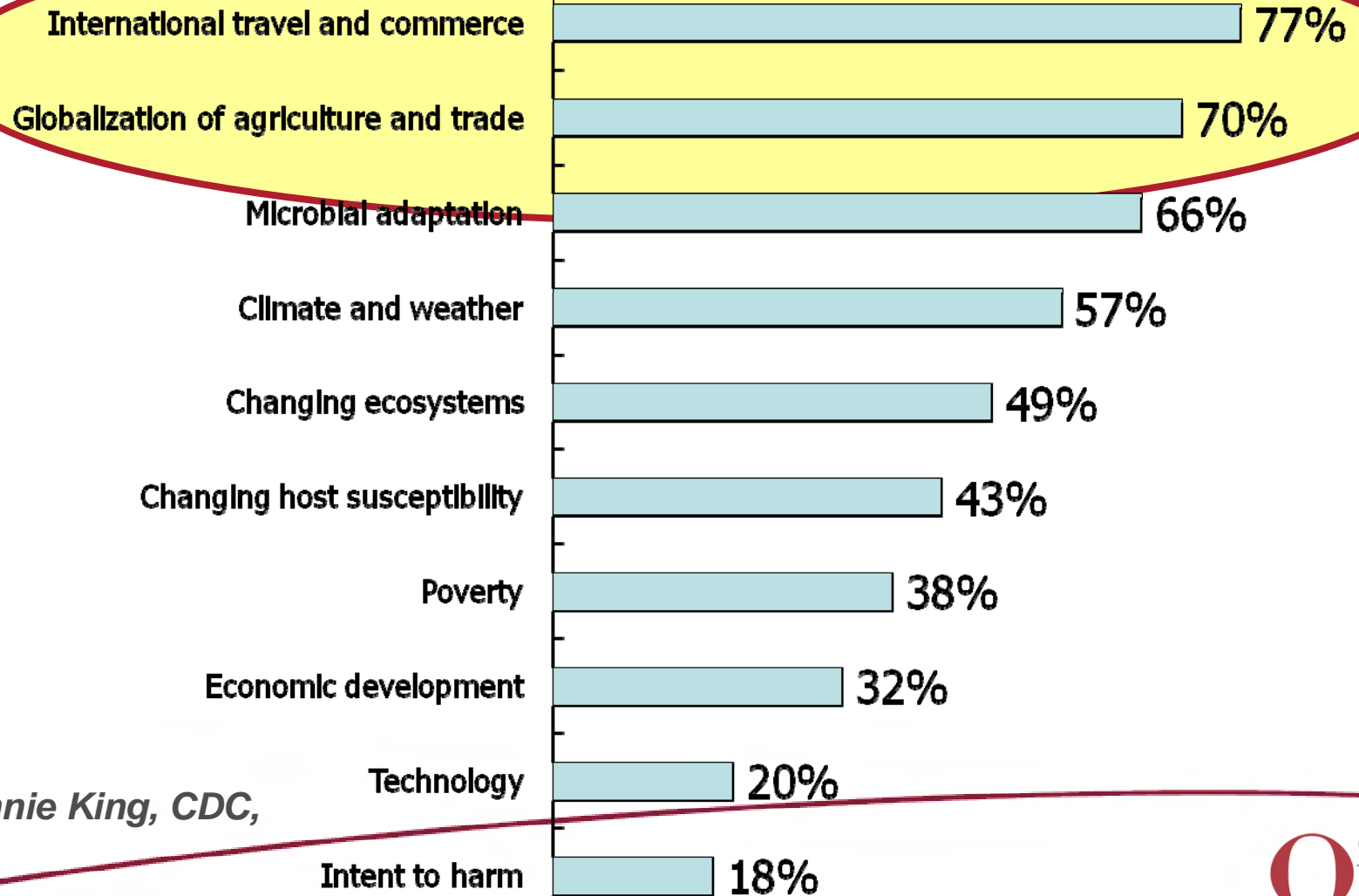
Figure 3 | Global distribution of relative risk of an EID event. Maps are derived for EID events caused by **a**, zoonotic pathogens from wildlife, **b**, zoonotic pathogens from non-wildlife, **c**, drug-resistant pathogens and **d**, vector-borne pathogens. The relative risk is calculated from regression coefficients and variable values in Table 1 (omitting the variable measuring reporting effort), categorized by standard deviations from the mean and mapped on a linear scale from green (lower values) to red (higher values).



C-Drug resistant

D-Vector-borne

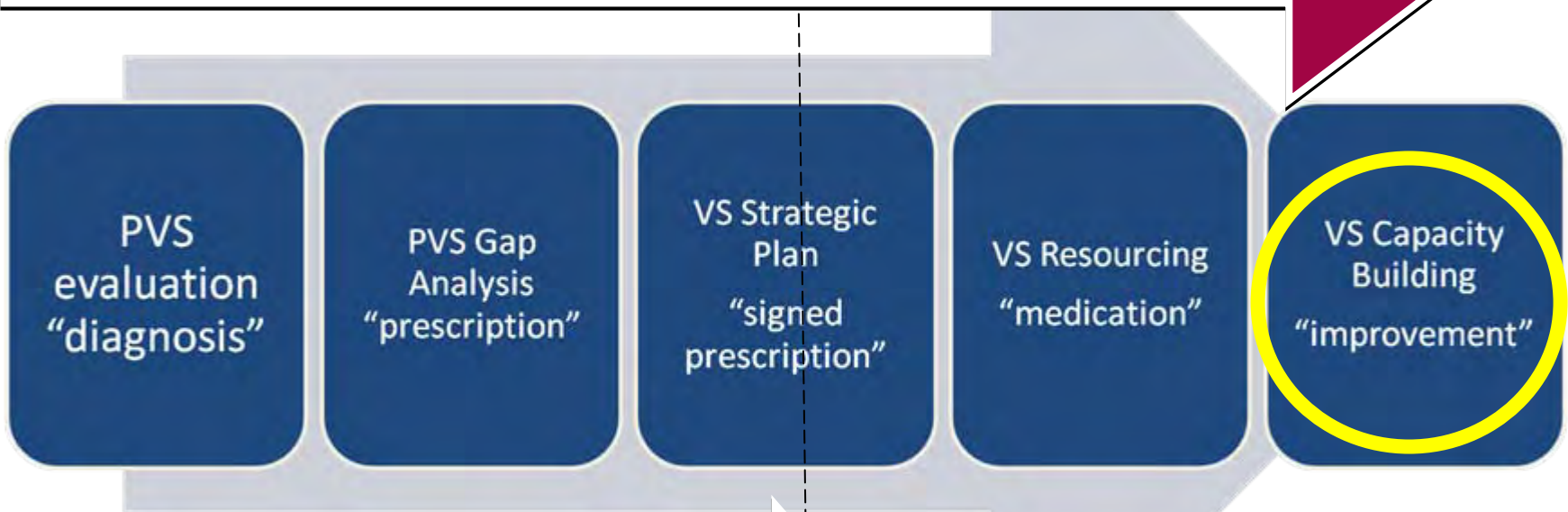
Factors of emergence and re-emergence of animal diseases and zoonosis



•Dr Lonnie King, CDC,
Atlanta

OIE PVS Pathway to stronger VS

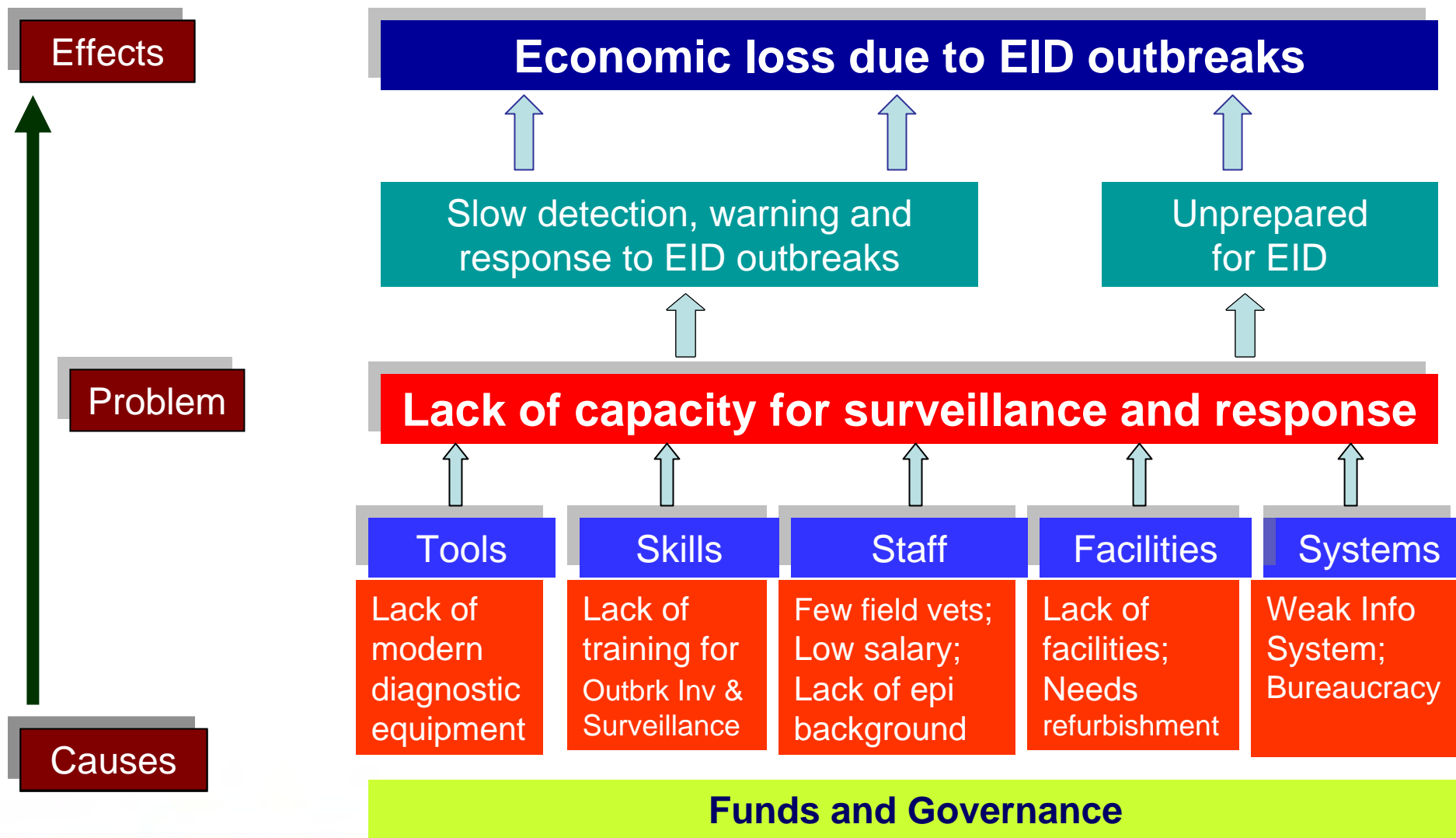
OIE to work with government, stakeholder, donors



OIE/AusAID PSVS

Programme on Strengthening VS in SE Asia

Problem Tree Analysis



SOLUTIONS TO PROBLEMS

Problem

Lack of capacity for surveillance and response

Causes

Tools

Skills

Staff

Facilities

Systems

Lack of equipment

Lack of training

Few field vets;
Low salary

Lack of facilities

Weak System;
Bureaucracy
Lacks linkage

Solutions

Purchase equipment

Training for government veterinarians and teachers

Employment of new field vets;
Salary Increase

New/Repairs of facilities;

Improve System;
Improve bureaucracy.
Enhance linkages

Preparedness Training Programs

Projects and Policies

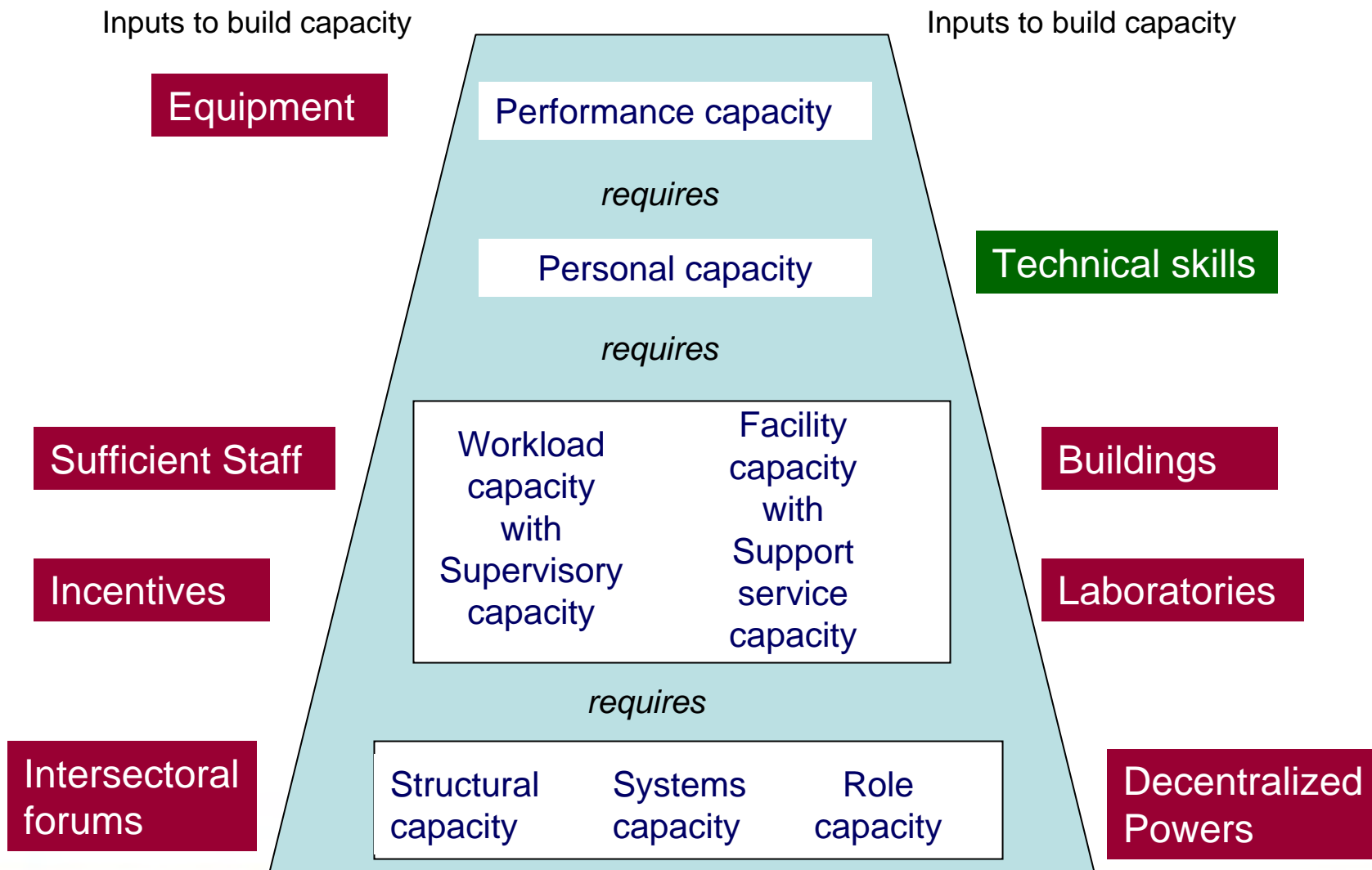
Partnerships with Nat/Internat Agencies

University

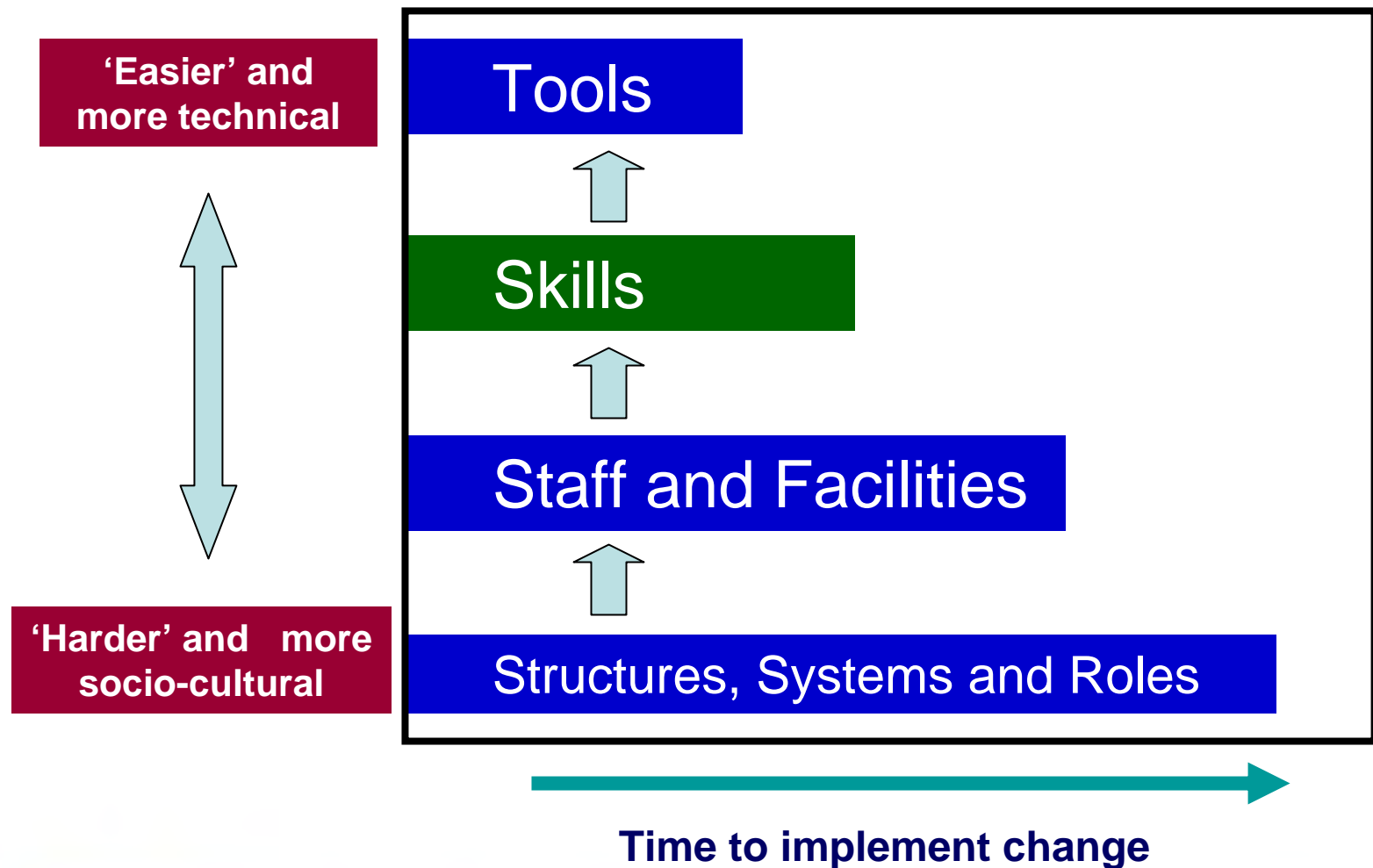
Government

Partnership

Systems Approach to Capacity Building

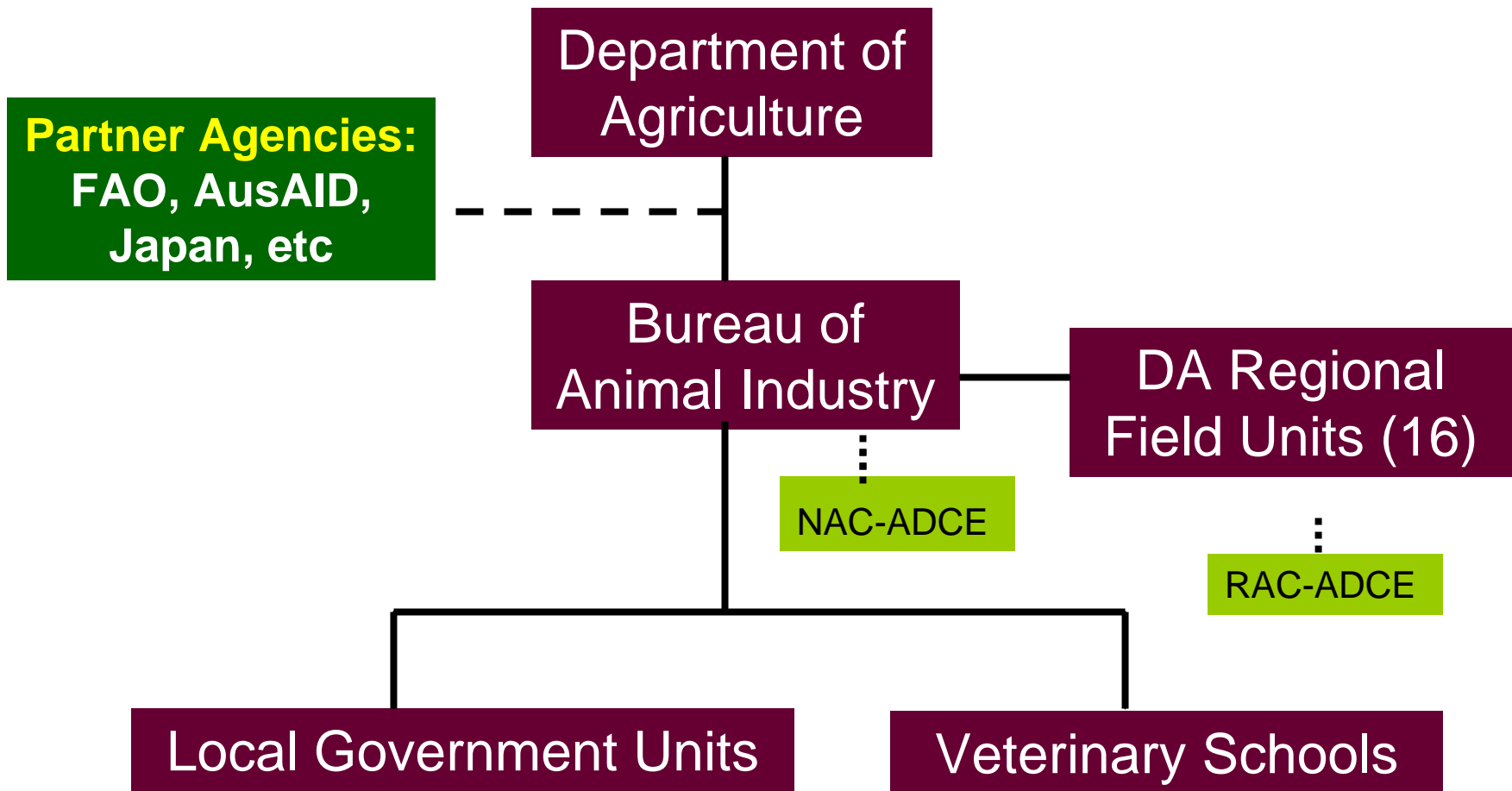


Complexity/Time Dimensions of Capacity Building



The Stakeholders

STAKEHOLDERS



SOLUTIONS & STAKEHOLDERS

Solutions

Purchase equipment	Training for govt vets and teachers	Employment of new field vets; Salary Increase	New and repairs of facilities	Improve System; Improve bureaucracy
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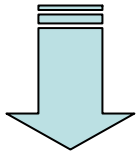
Stakeholders

DA-BAI Government Partners; Lab head	DA-BAI Government Partners; Govt Vets; Universities	DA-BAI DA-RFUs	DA-BAI Government Partners; DA-RFUs	DA-BAI DA-RFUs
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The Key Outcomes

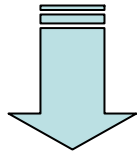
KEY OUTCOMES

**Competent
Professionals**



**Skills
Policies
Teachers**

**National
Network**



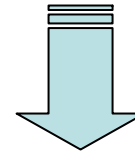
**Epi NET
Conference
Collaborations**

**Systems
Development**



**Surveillance
PhilAHIS
Preparedness**

**Strengthened
Service**



**Rapid Detection
Early Warning
Effective Response**

**Competent
Professionals**

**National
Network**

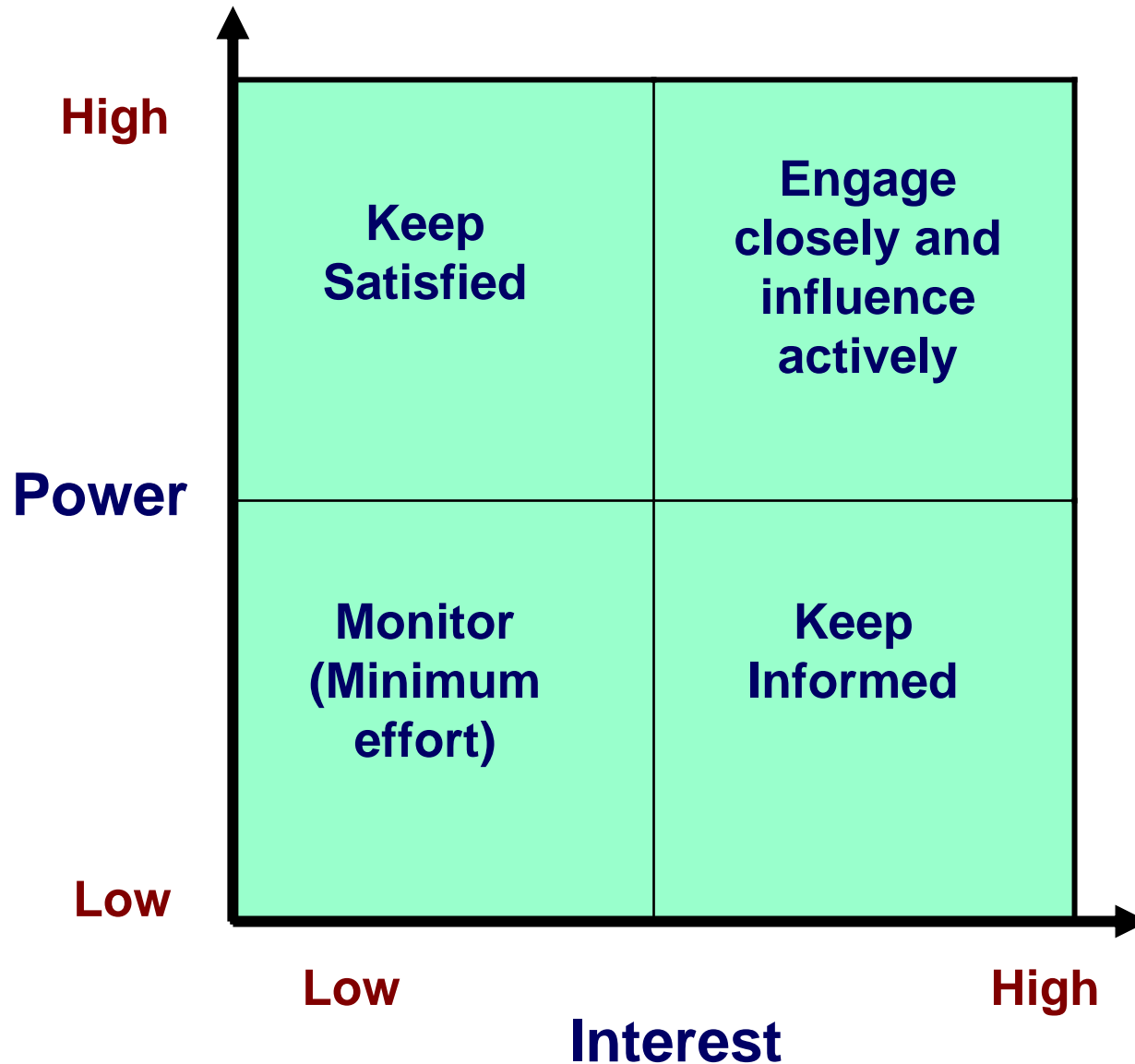
KEY OUTCOMES

**Systems
Development**

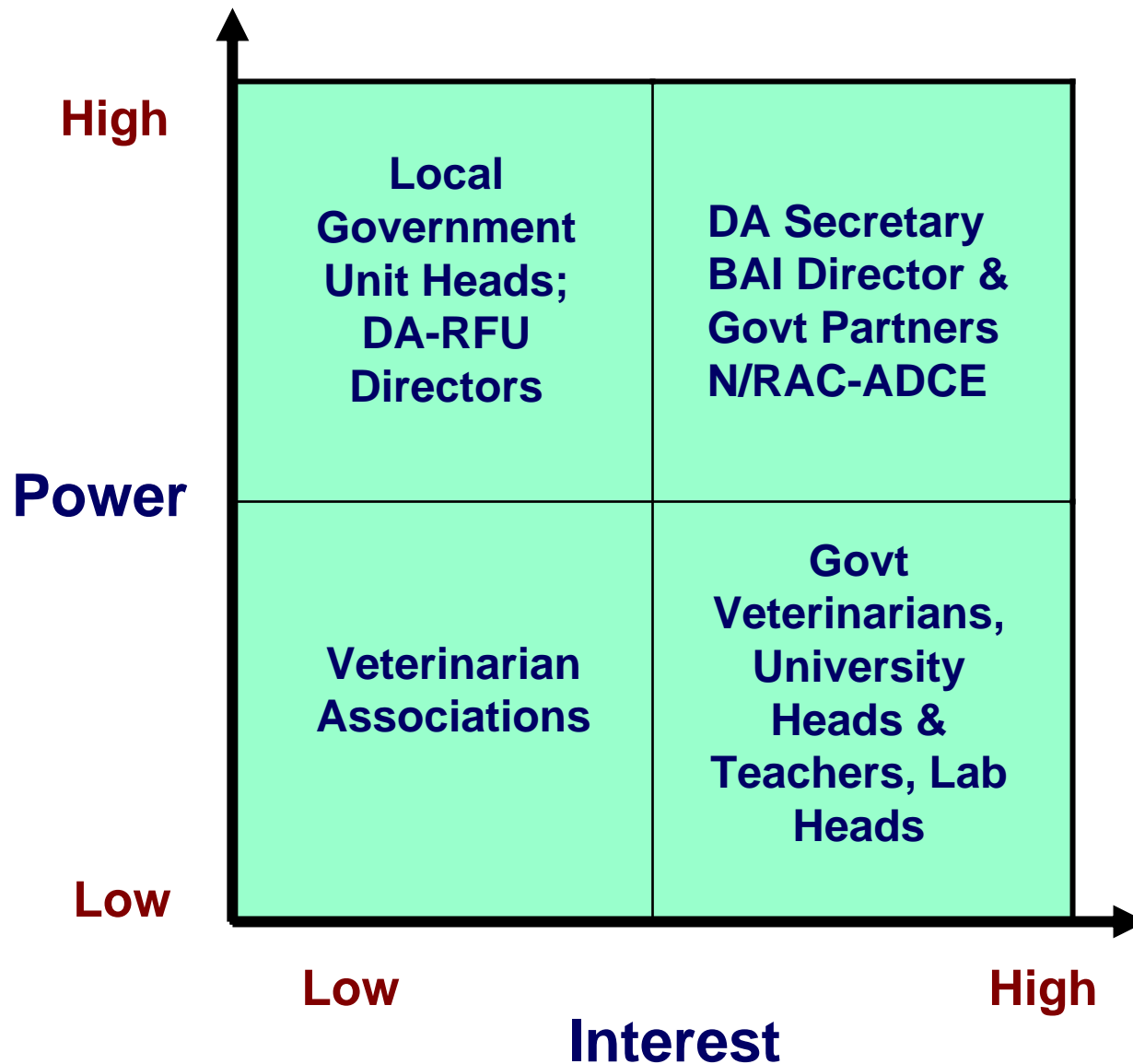
**Strengthened
Service**

**Effective
Response to
EIDs and
reduced
economic
loss**

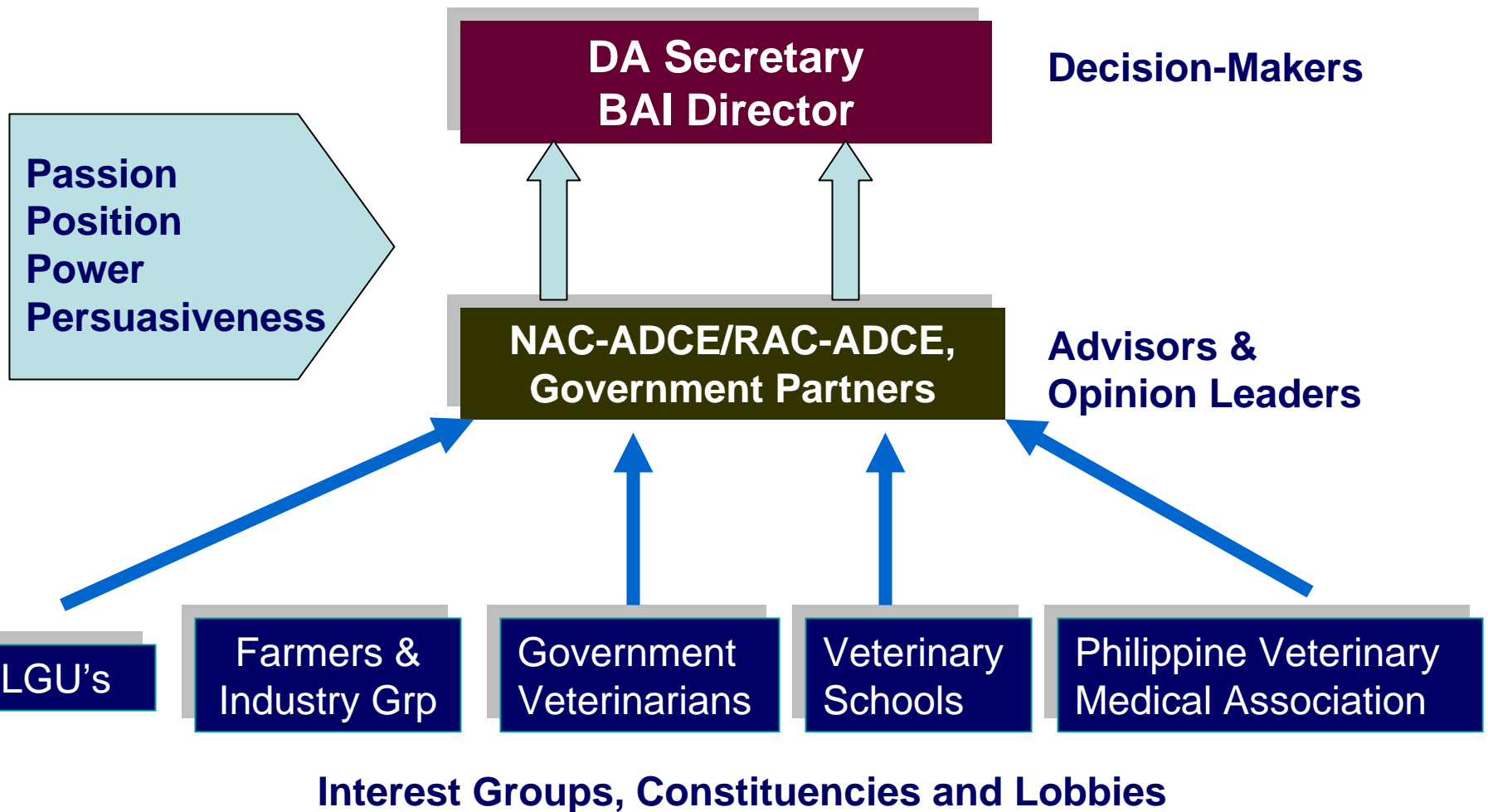
Stakeholder Analysis



Stakeholder Analysis



Stakeholder Influence Mapping



The Action Plan

Our Goal

Adoption of the policy
by the Department of
Agriculture-Bureau of
Animal Industry





Goal: Adoption of the policy by the Department of Agriculture

Objective 1

To promote the idea of University-Government Partnership for Strengthening Philippine Veterinary Services among colleagues and officials in the University.

Objective 2

To mobilize the support of other stakeholders to influence government decision making

Objective 3

To advocate the policy idea to the Department of Agriculture-Bureau of Animal Industry

ACTION PLAN

Objective	Activity	Stakeholder	Output	Time
<p>1. To promote the idea of a University-Government Partnership for Strengthening PVS</p>	<p>1. Discussion with colleagues to solicit support and expand problem-solution evidence</p> <p>2. Consult technical experts to validate evidence</p> <p>3. Obtain consensus</p> <p>4. Determine roles and responsibilities</p> <p>5. Identify stakeholders</p> <p>6. Design strategy to influence key decision makers</p> <p>7. Finalize action plan</p>	<p>1. University colleagues</p> <p>2. Technical experts in the country</p>	<p>1. Increase interest and support of stakeholders</p> <p>2. Support Team</p> <p>3. Final action plan</p> <p>4. University endorsement</p>	<p>July-Aug 2010</p>

ACTION PLAN

Objective	Activity	Stakeholder	Output	Time
2. To mobilize the support of other stakeholders to influence government decision making.	<ol style="list-style-type: none">1. Use AIDA Rule to attract attention and raise interest of stakeholders2. Present problem and solution to stakeholders in a proper forum3. Send document to potential donors or government partners	<ol style="list-style-type: none">1. Government Partners2. Govt Vets;3. PVMA,4. Farmers & Industry Grps5. Vet Schools6. NAC-ADCE7. DA-RFU's8. RAC-ADCE	<ol style="list-style-type: none">1. Acceptance of policy idea2. Defined roles to influence the decision making process.	Sept 2010

ACTION PLAN

Objective	Activity	Stakeholder	Output	Time
3. To advocate the policy idea to the Department of Agriculture- Bureau of Animal Industry	<ol style="list-style-type: none">1. Identify likely early adopters and enthusiasts in DA-BAI2. Explore DA-BAI's perspective and suggestions regarding the policy idea3. Update and strengthen the action plan4. Discuss urgency of the problem to expedite decision making	Department of Agriculture (DA) - Bureau of Animal Industry (BAI)	<ol style="list-style-type: none">1. Submission of policy brief document for decision2. Adoption of the policy idea	Sept 2010

AIDA Rule

A = Attract Attention

I = Raise the Interest

D = Encourage the feeling of Desire

A = Prompt Action and present a solution

WAY FORWARD



**Competent Professionals
National Network
Systems Development
Strengthened Service**

2010

2009



2008



Australian Government
AusAID



2007



**Thank
you!**

