

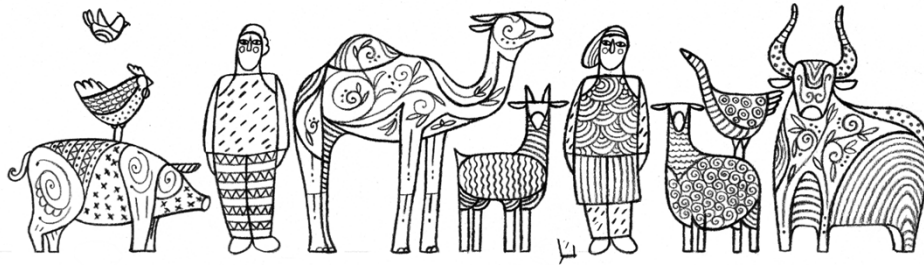


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Regional approach to Laboratory Capacity Building and Networking The ASEAN and SAARC example



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Regional Laboratory Coordinator

ISWAVLD 2019
22 June 2019

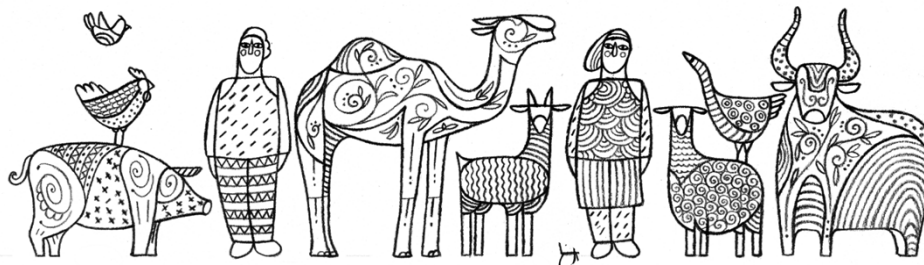


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Protecting people and animals from disease threats



OVERVIEW

1. Introducing FAO
2. The FAO Regional Laboratory Program
3. Building sustainability through ASEAN and SAARC
4. Some take home messages



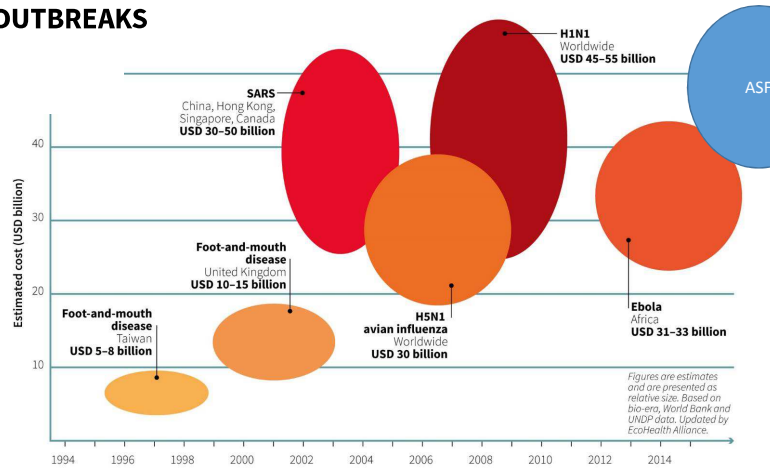
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achieving
food security for all
and making sure
people have regular
access to enough
high-quality **food** to
lead active, healthy lives



**SUSTAINABLE
DEVELOPMENT GOALS**

Economic impact of selected infectious disease **OUTBREAKS**



containing animal diseases

at **source** –

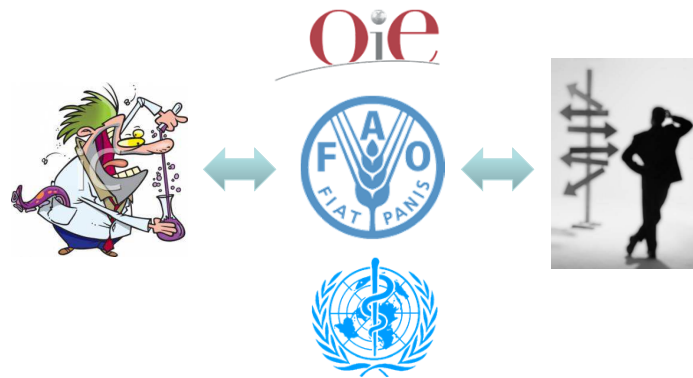
saves lives,

protects livelihoods and

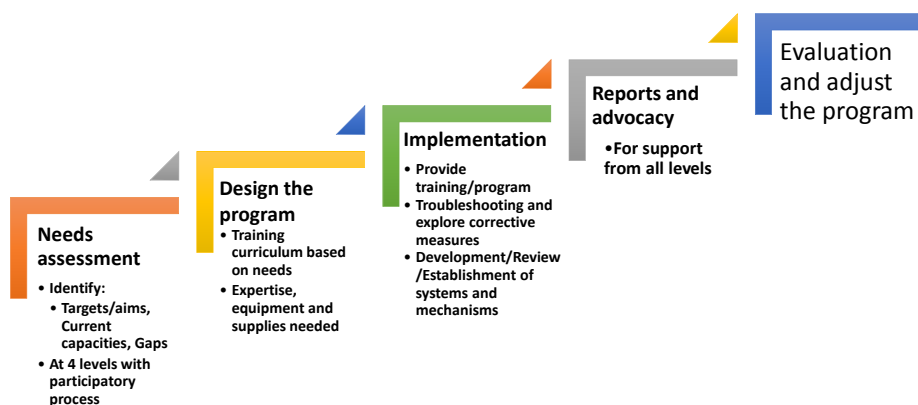
reduces economic costs



FAO animal health 'policy'

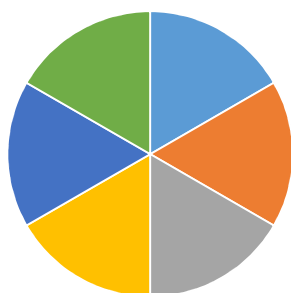


LAB: stepwise capacity development program



Key domains of FAO's laboratory program

Key lab domains



- Assessments
- Diagnosis
- Quality Management
- Biosafety
- Networking
- Bioinformatics







2019/6/24



BIOSAFETY PRIMER (FAO 2018)





Regional results

LMT in 72 labs in

16 countries

(49 government labs and
23 private labs)

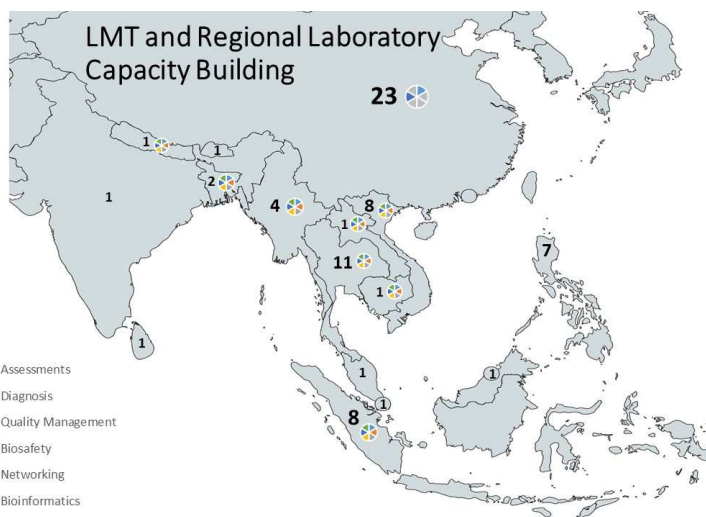
Regional Laboratory
Capacity building in







9 countries

Key lab domains



- Assessments
- Diagnosis
- Quality Management
- Biosafety
- Networking
- Bioinformatics



Key domains		EPT-2 (2014-2019)			NextGEN (2020-2024)		
		Zoonosis	AMR	Wildlife	Zoonosis	AMR	Wildlife
Assessments		+++	+	-	+++	+++	++
Diagnosis		+++	+	+	+++	+++	++
QA		+++	-	-	+++	++	++
Biosafety		+++	-	-	+++	++	+++
Networking		+++	+	+	+++	+++	+++
Data management & Bioinformatics		++	-	-	+++	++	++
Novel technologies*		+	-	-	+++	++	++
Laboratory Policy		-	-	-	Veterinary laboratory policy developed for EIDs, TADS, zoonosis, AMR and wildlife		

Towards regional sustainability in ASEAN

1. Set up regional laboratory networks
 - ASEAN Laboratory Technical Advisory Group (Lab-TAG)
 - ASEAN Laboratory Directors Forum



Towards regional sustainability in ASEAN

2. Develop Regional Laboratory strategy



Development of regionally-coherent, national laboratory strategies and policies;



Allocation and mobilisation of resources to support implementation of national strategies for efficient and cost-effective delivery of laboratory services;



Strengthening of ASEAN Member States capacity to provide acceptable quality and proficient laboratory services;



Enhancement and promotion of acceptable biosafety and biosecurity practices and environment in laboratory settings;



Enhancement and promotion of linkages and sharing of information among laboratories and stakeholders to ensure rational use of laboratory services;



Strengthening of ASEAN Member States capacity on planning, coordinating, and implementing research activities under standard ethical research conducts

Towards regional sustainability in ASEAN

3. Endorsement at Ministerial level



Towards regional sustainability in ASEAN

4. Development of Monitoring and Evaluation Framework

5. Measure progress

Data quality

- standard data collection procedures
- training of data collection
- data on key indicators
- Checking the collected data

Data sharing and real-time data for performance management

- develop or utilizes an existing online platform
- reviewed discuss with relevant partners

Sustainability

- capacity of lab personnel
- Dedicated staff

Towards regional sustainability in SAARC

SAARC Regional Strategic Framework for Laboratory Capacity Building



Towards regional sustainability in SAARC

SAARC Regional Strategic Framework for Laboratory Capacity Building

Component 1

- Develop regional strategies and policies to guide national laboratories to

Objective 1	Develop regional strategies and policy guidelines for effective and sustainable diagnostic capacity and networking in the region
Objective 2	Ensure a regulatory framework for the incorporation of the laboratory policy in the national action plan for TADs and EIDs
Objective 3	Develop a plan to ensure sustainable laboratory workforce development in the region maintain effective and sustainable diagnostic services

Component 1



Obj 1 Data Sharing.
- Identify Regional Ref Lab in final
point for sustainability (to do more
scope / more frequent meetings / discussions)
Form Technical/Policy
group (above this
group) SLDT
→ including regional
and Ref Lab.

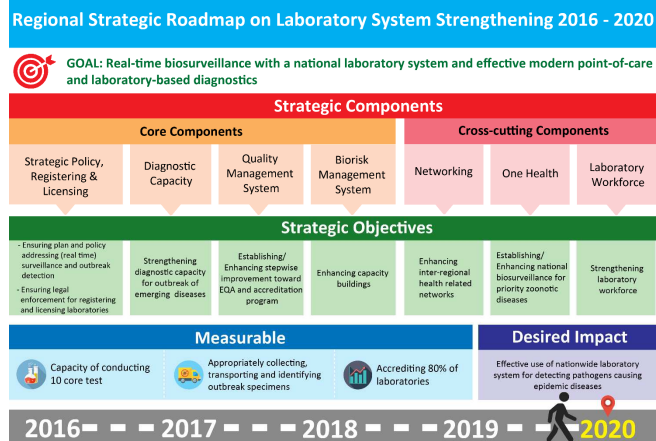
Obj 2

Develop/Ensure regulatory
mechanism for the complete
monitoring of lab policy guidelines
for TADs & EID.

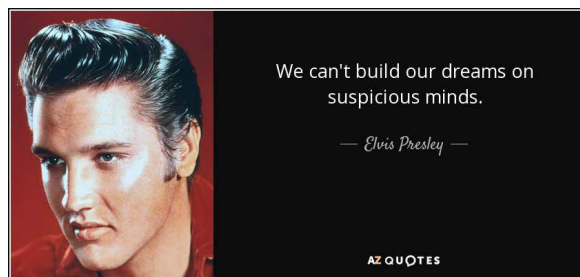
Obj 3
Training, funding, &
QA/QM.
By International bodies
collaborating with
national Govts.



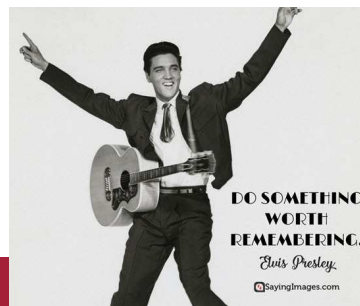
Sustainability through the Global Health Security Agenda (GHSA)



Take home messages



“Ambition is a dream with a V8 engine.”
Elvis Presley



Live long and prosper !!!



Food and Agriculture Organization
of the United Nations

ECTAD Emergency Centre for
Transboundary Animal Diseases

