AFRICA CDC

Centres for Disease Control and Prevention

Safeguarding Africa's Health

Africa Centres for Disease Control and Prevention: An Opportunity to Strengthen Public Health Networks on the Continent

CORDS Conference - January 30, 2018

Outline

1. Introduction
2. Africa CDC and operating model
3. Institutionalizing public health networks

Introduction

1

“If anything kills over 10 million people in the next few decades, it’s most likely to be a highly infectious virus, rather than a war. Not missiles, but microbes.”

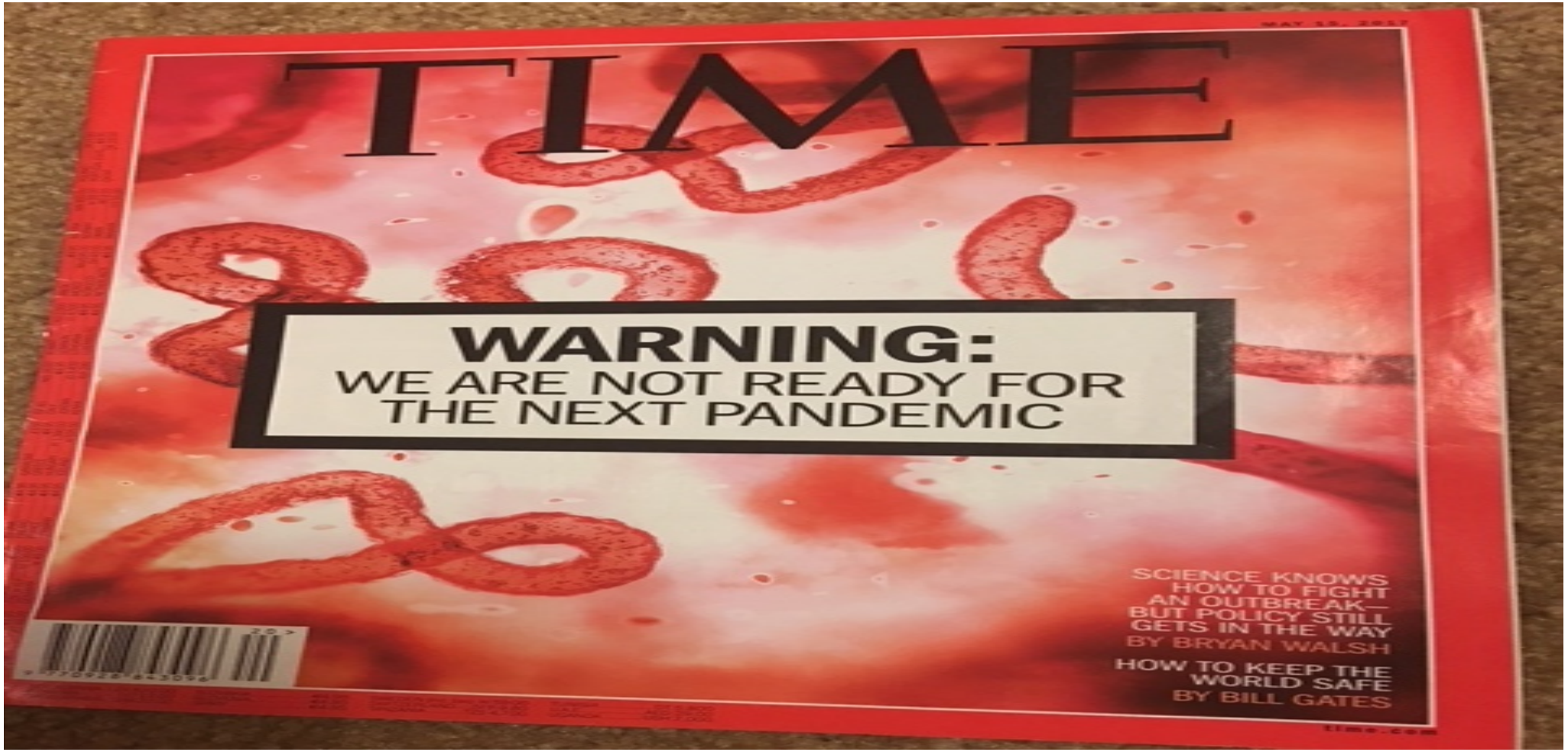
- Bill Gates, Munich Conference on World Security, 2017

Opinion **beyondbrics** + Add to myFT

Threat of infectious disease outbreaks haunts Africa

Strong childhood immunisation programmes needed as urbanisation gathers pace

H. E. Jakaya Kikwete
Former president, Tanzania
24 August 2017


TIME
WARNING:
WE ARE NOT READY FOR
THE NEXT PANDEMIC
SCIENCE KNOWS
HOW TO FIGHT
AN OUTBREAK—
BUT POLICY STILL
GETS IN THE WAY
BY BRYAN WALSH
HOW TO KEEP THE
WORLD SAFE
BY BILL GATES

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PEACE AND SECURITY COUNCIL
742ND MEETING

ADDIS ABABA, ETHIOPIA
11 JANUARY 2018

PSC/PR/BR. (DCCXLII)

PRESS STATEMENT

"The Peace and Security Council (PSC) of the African Union (AU), at its 742nd meeting held on 11 January 2018, received a briefing by the Africa Centre for Disease Control and Prevention (Africa CDC) on Public Health Threats to Peace and Security in Africa. Council took note of the briefing made by the Director of the Africa CDC, Dr. John Nkengasong. Council also took note of the statements made by the Head of the World Health Organization (WHO) Liaison Office to the AU, Dr. Innocent Ntaganira, and by the representative of the European Union.---"

Africa CDC and Operating Model

2

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3

Establishment of the Africa CDC

January 31st, 2017

January 30th, 2018

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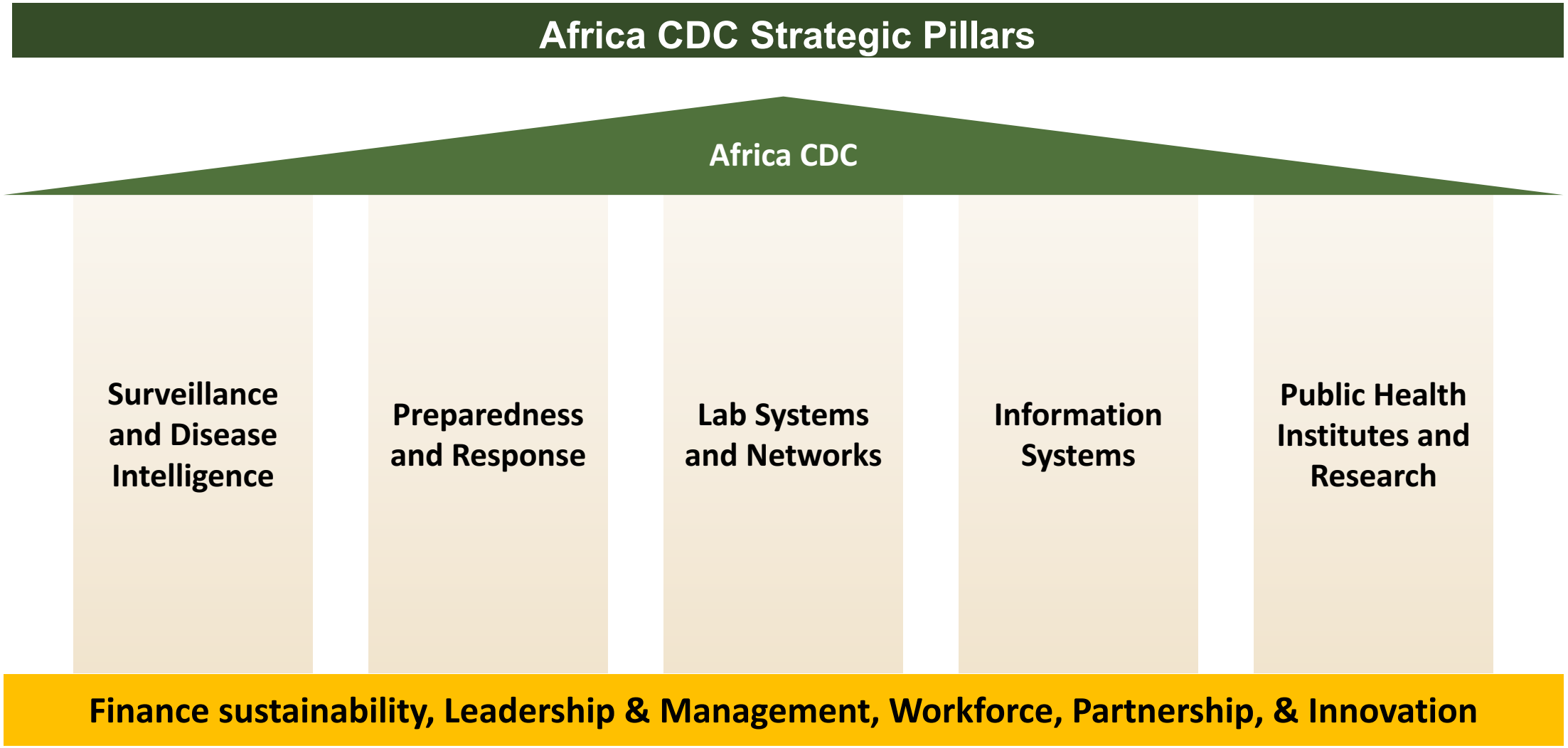
Mission

Strengthen Africa's capacity and institutions to detect and respond to health threats through partnerships, science, policy, and data-driven interventions and programs

10

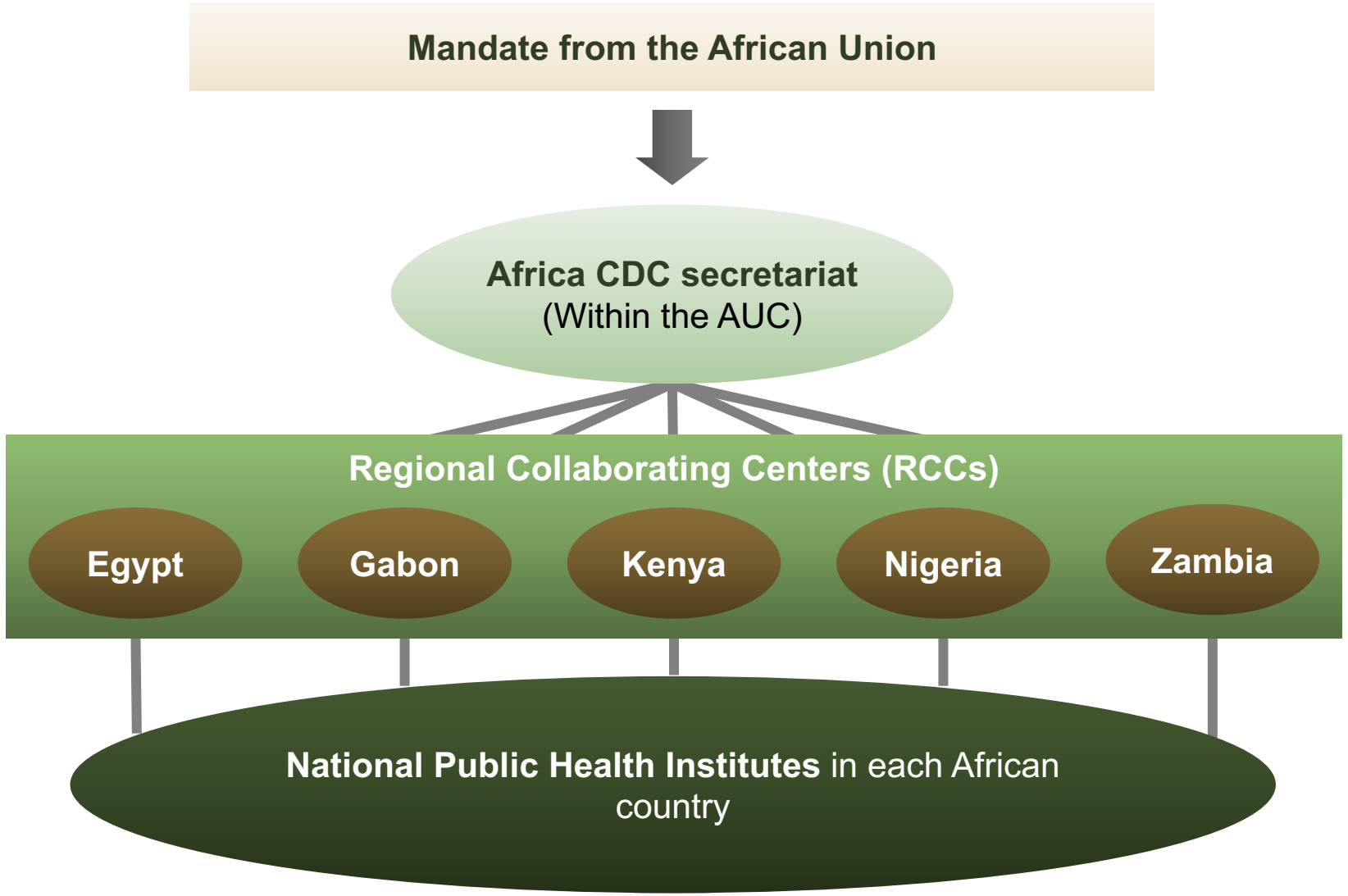
Africa CDC's Strategic Goals



Africa CDC Strategic Plan

March 2017

Africa CDC Operating Model – Networking at different levels



Note: Roughly 24 African countries have formally established NPHIs and joined the International Association of National Public Health Institutes (IANPHI)

Setting the Public Health Priories to Meet the 2063 Agenda

THE LANCET
Global Health

Comment

A new public health order for Africa's health security

John Nkengasong, Benjamin Djoudalbaye, Olawale Maiyegun

Open Access PlumX Metrics

DOI: http://dx.doi.org/10.1016/S2214-109X(17)30363-7

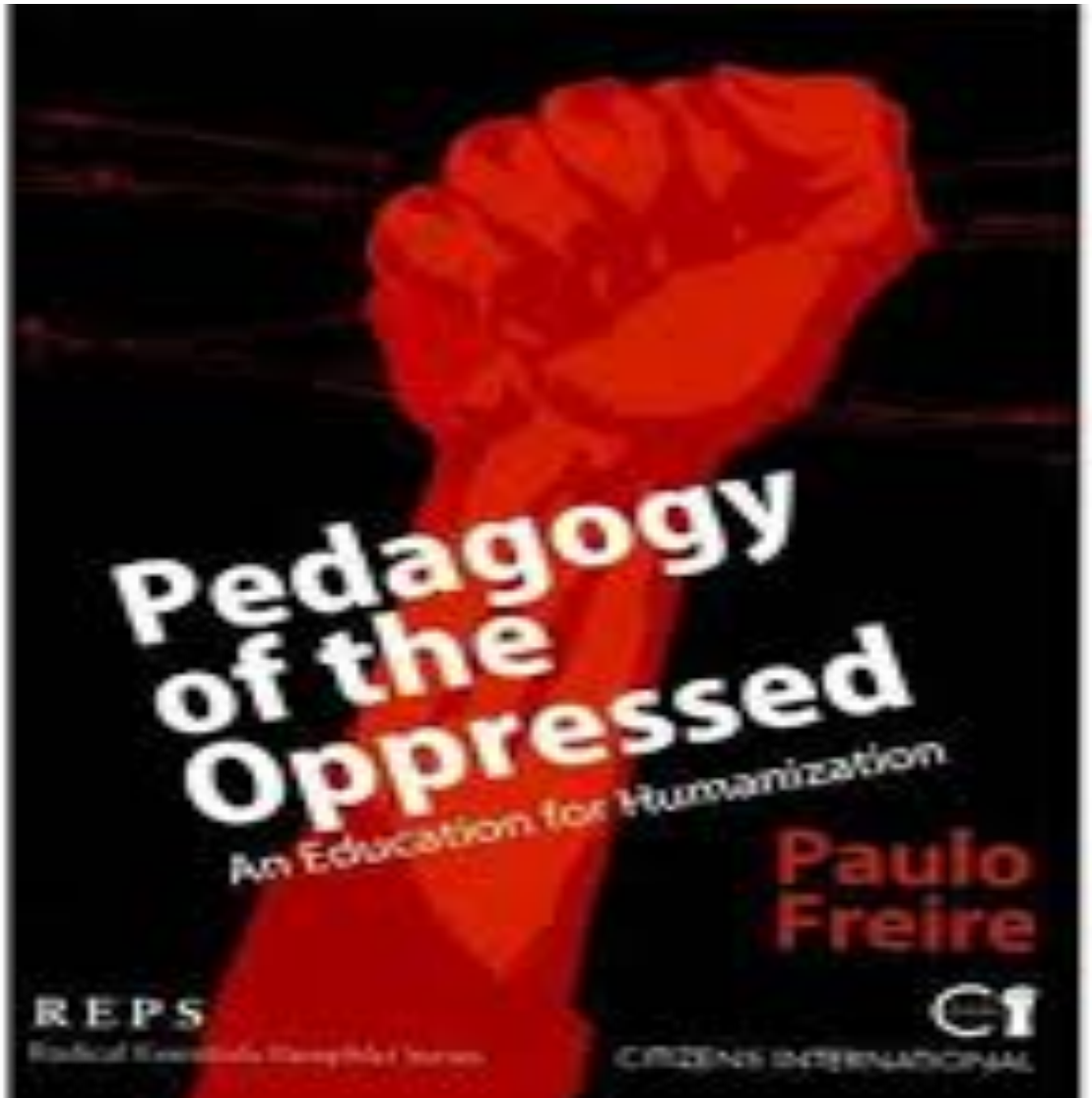
Article Info

On July 3, 2017, African heads of state and government issued a declaration and committed to accelerating implementation of the 2005 International Health Regulations (IHR)[1] and tasked the Africa Centres for Disease Control and Prevention (Africa CDC), the African Union Commission (AUC), and WHO with supporting the venture.[1] The IHR is a global legal agreement that aims to prevent and respond to the spread of diseases to avoid their becoming international crises.[2] The Ebola virus disease outbreak that started in March 2014, resulted in an estimated 11 000 deaths[3] and US$3 billion in economic losses in west Africa.[4]

Institutionalizing Public Health Networks

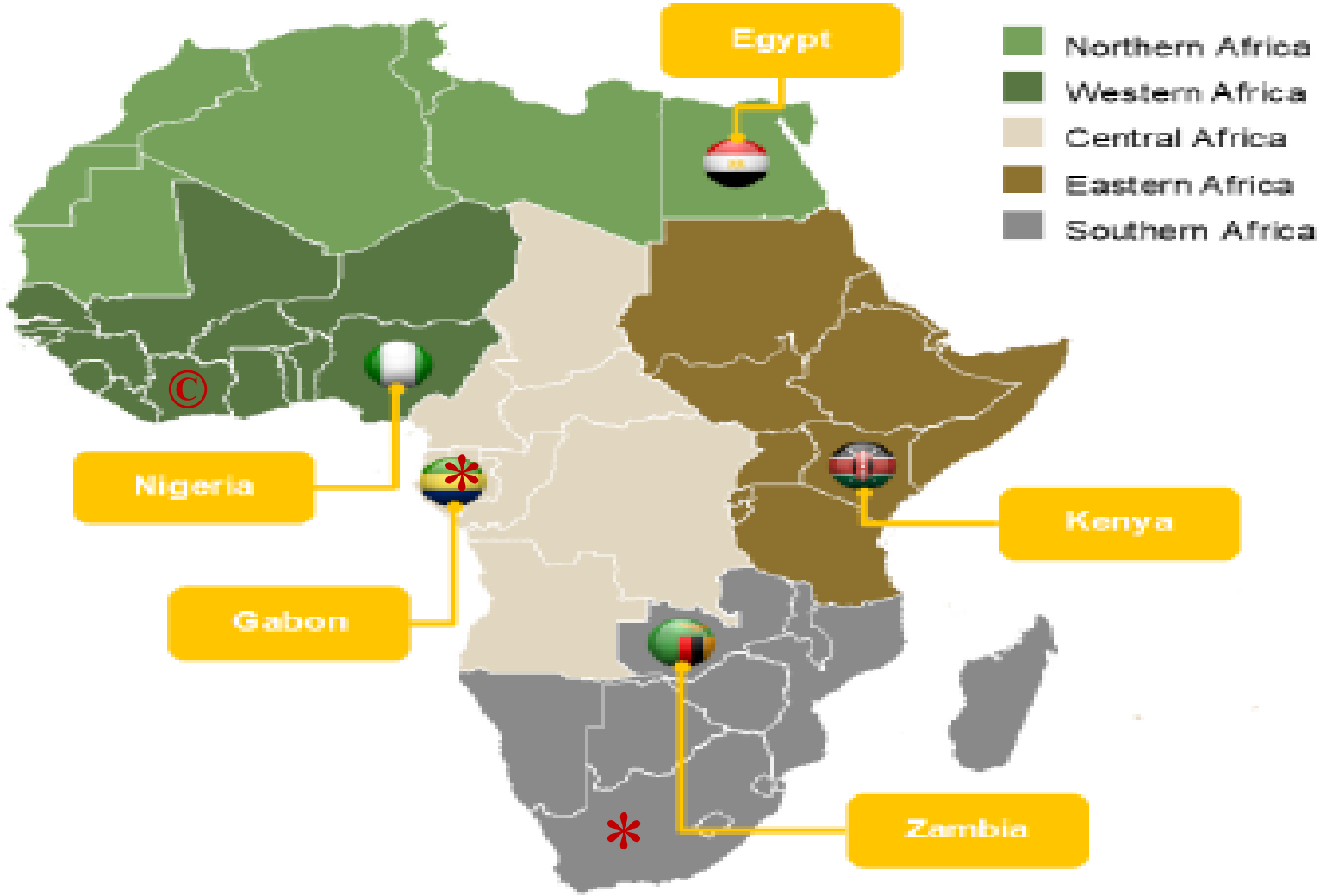
3

"----- a new relationship between teacher, student, and society.
It was first published in Portuguese in 1968 –"



Harnessing Existing Assets

Regional Integrated Laboratory Surveillance Network



*= P4 lab

©=P4 lab Under development

Harnessing the full public health assets in each Region

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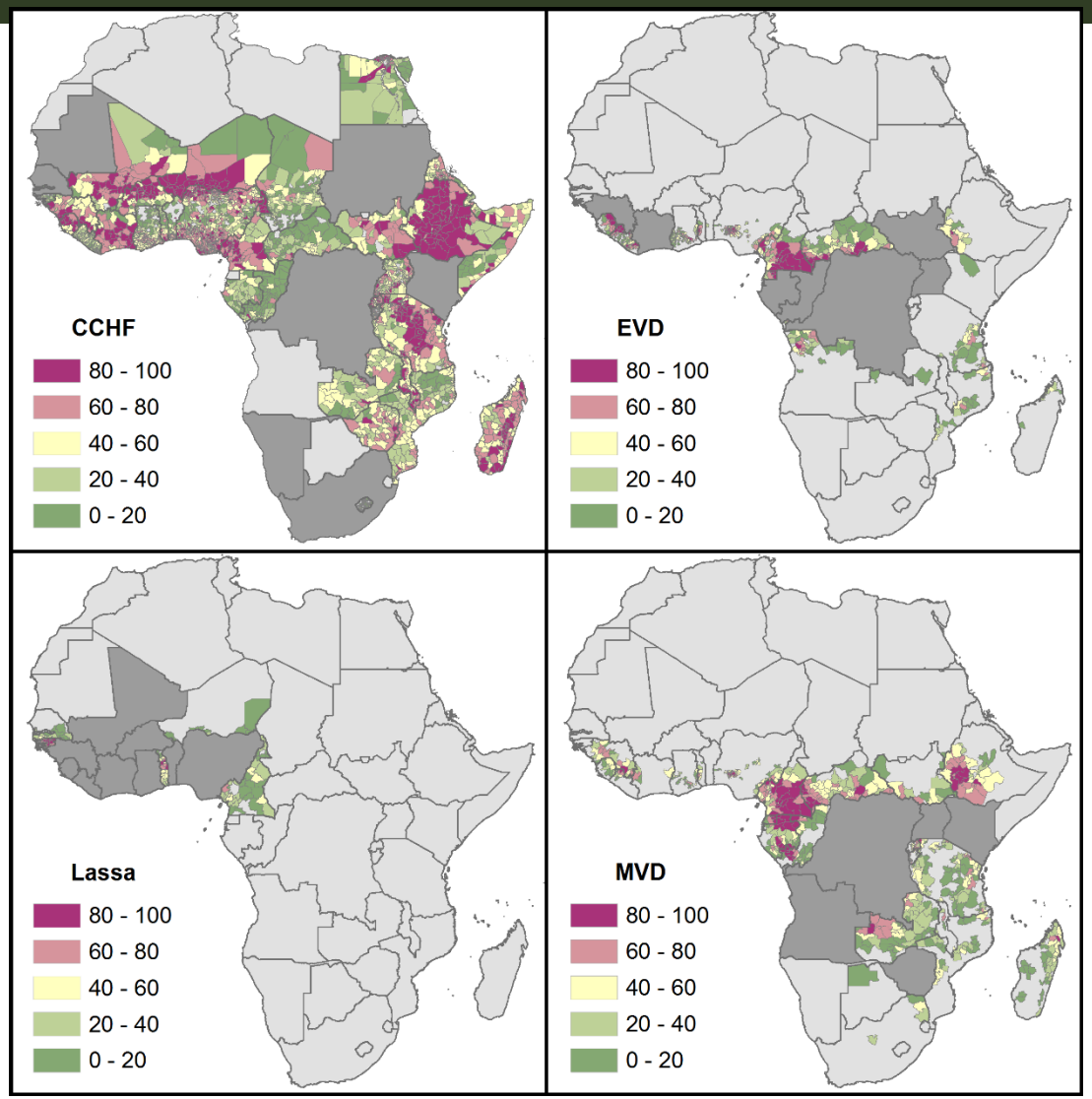
Africa CDC RISLNET – Surveillance and Laboratory Networks

- **Network of institutions/individuals working to enhance capacity of national MoHs and reference laboratories to detect, respond, and prevent infectious diseases**
  - **Promote integrated, laboratory-based surveillance, outbreak detection, and response**
  - **Foster inter-sectoral collaboration and communication among microbiologists and epidemiologists across human health, veterinary, and food-related disciplines**
  - **Support Africa CDC AMR framework**

Identifying Areas for Focused Action

Congo Crimea Virus



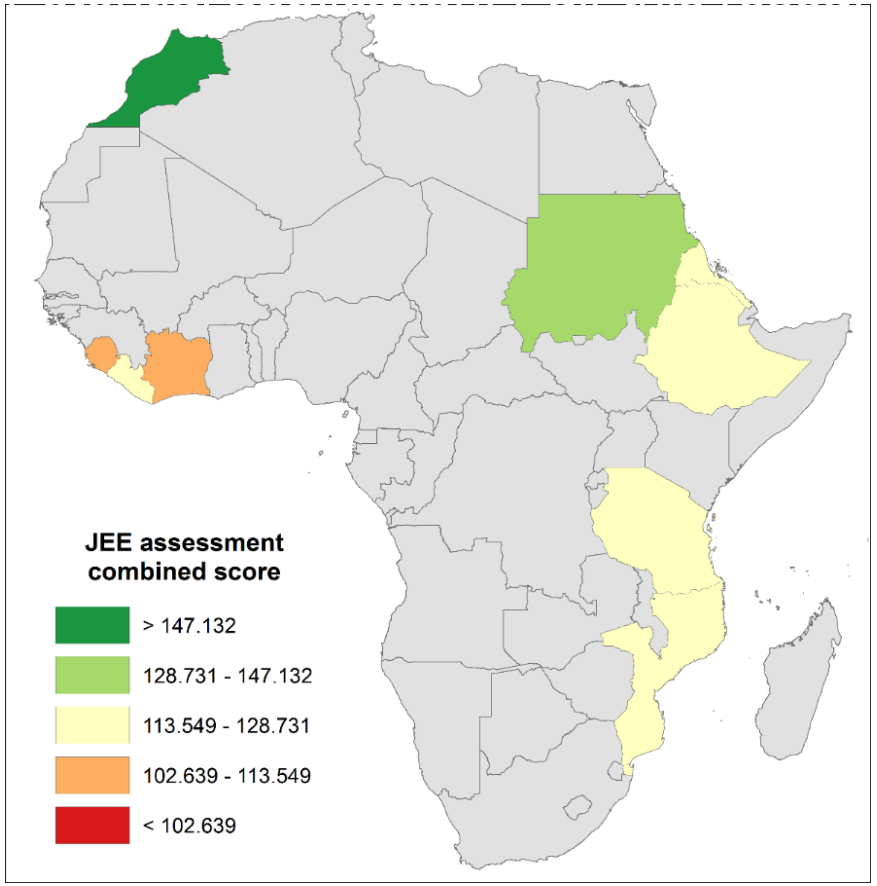
Ebola Virus

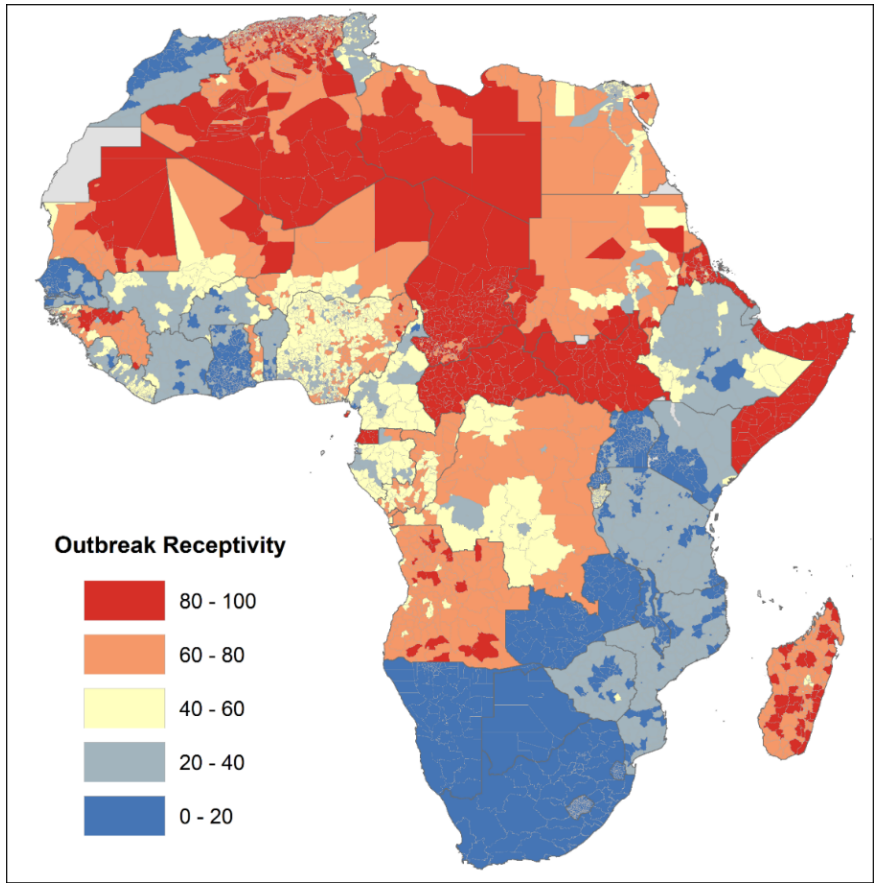
Lassa Fever Virus

Marburg Virus

Source: IMHE U. Washington Seattle

Existing Publically Available JEE Scores Comparing Needs with Current Preparedness





Sources: IMHE U. Washington Seattle

Network of Regional Collaborating Centres

June – September, 2017

Outcomes:

1. Agree on governance structure
2. Agree on framework of coordination and operation
3. Prioritize activities for the regions

Networking through Innovative Information System

Central and Southern Africa RCCs – November 2017

A Network of National Public Health Institutes - a Game Changer

October 2017- IANPHI meeting in Rome

Preparedness and Response: Lassa Fever and Meningitis Outbreaks: Nigeria

Leadership from National Institutions is critical

Responding to Ebola Outbreak in DR Congo

CROSSING THE ITIMBIRI RIVER FOR THE AWARENESS OF YOKO SECTOR

Responsing to the Plague Outbreak: Madagascar

October 2017

Networking for Rapid Response

Networking is a human enterprise - Public Health Social Entrepreneurs

Deployed to the five RCCs

Safeguarding Africa's Health

THANK YOU!