

Infectious diseases in Africa: Are we winning?

Dr Peter Clement

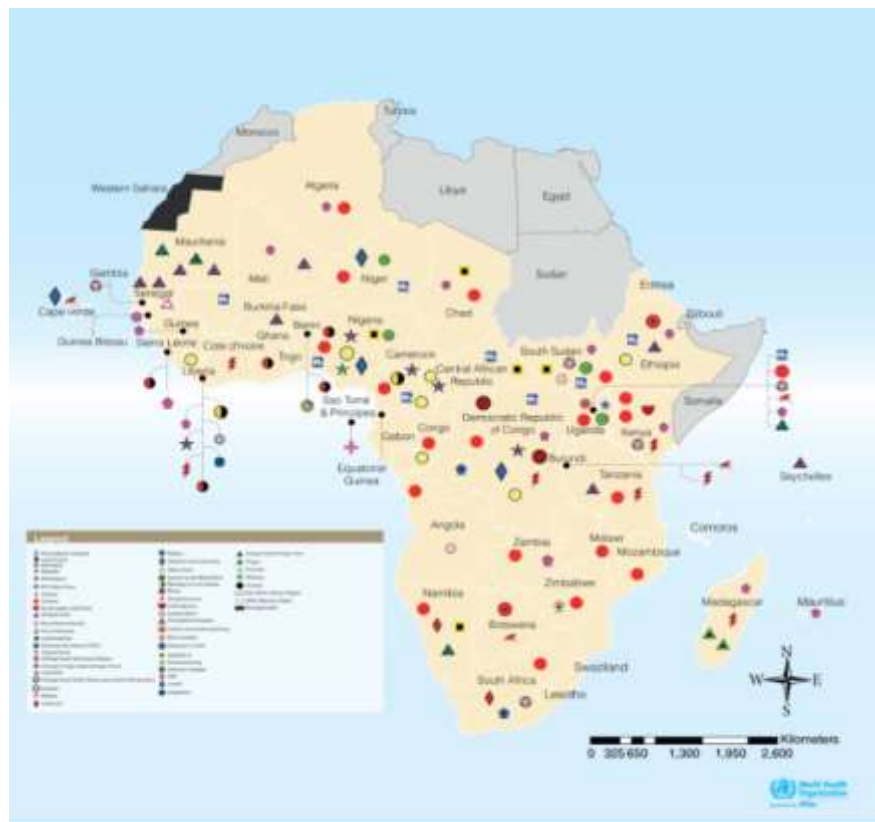
- Officer-in-charge
- WHO Nigeria Country Office

Outline

- Burden of infectious diseases in Africa: social, economic and political impacts
- Success stories on infectious diseases
- Challenges for control of Infectious diseases
- Health systems strengthening for managing infectious diseases
- Newer preventive strategies for prevention/ control of infectious diseases

Outbreaks and other public health risks

Annual Burden



Top three outbreaks: Cholera (n=31 or 25%), Viral Haemorrhagic Diseases (n=26 or 21%), Measles (n=14 or 11%)

1Q to 3Q 2018

143 new and ongoing events in 40 countries
incl. **126 outbreaks** (88%) and **17 humanitarian crises** (12%)

84 new events across **32 countries** in 2018
though both IBS and EBS

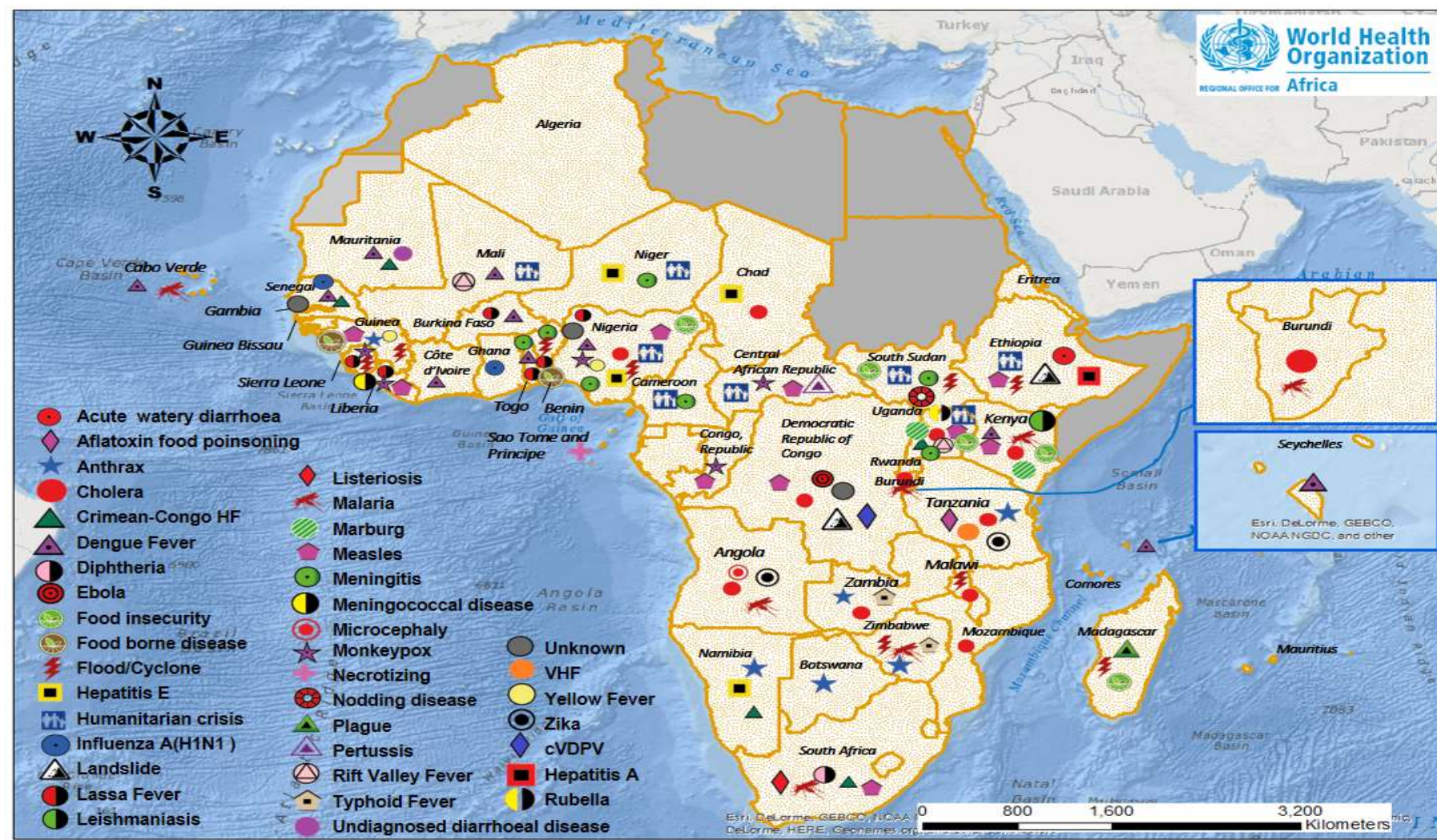
Using event based surveillance (EBS)

WHE screened over **2,792 unverified media reports** on health threats

Detected **142 signals** of potential PHEs in
37 countries

35 true events across **17 countries.**

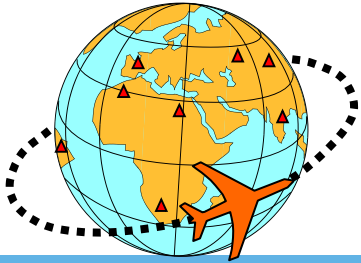
Entire region is at risk



World Health Organization
REGIONAL OFFICE FOR Africa



Drivers of Epidemic Disease Risk



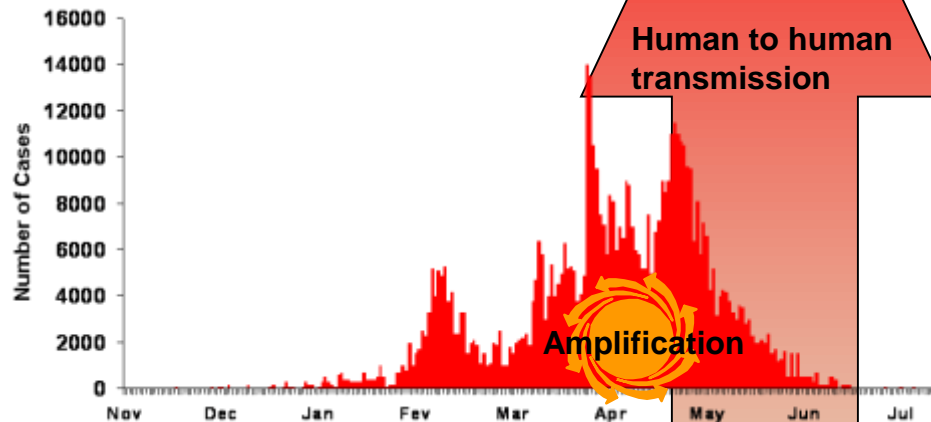
Global travel and trade

Propagation/Globalization

- Travel & Migration:
- Vector and animal movement
- Trade: animal and their products

EPIDEMIC

Amplification

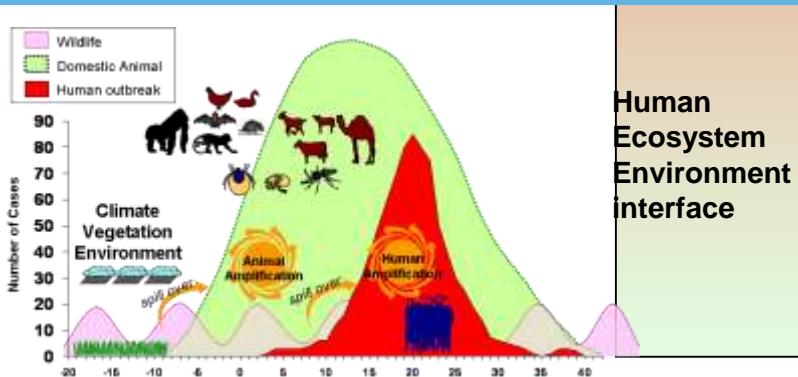


Amplification

- Dense populations
- Poor living conditions (water & sanitation)
- Agricultural Intensification
- Technology And Industry
- Vector distribution and densities
- Unsafe health care settings

OUTBREAK

Emergence



Emergence

- Human encroachment
- Exploitation of ecosystems
- Translocation
- Climate variability & change
- Vector density and distribution
- Ecological Pressure

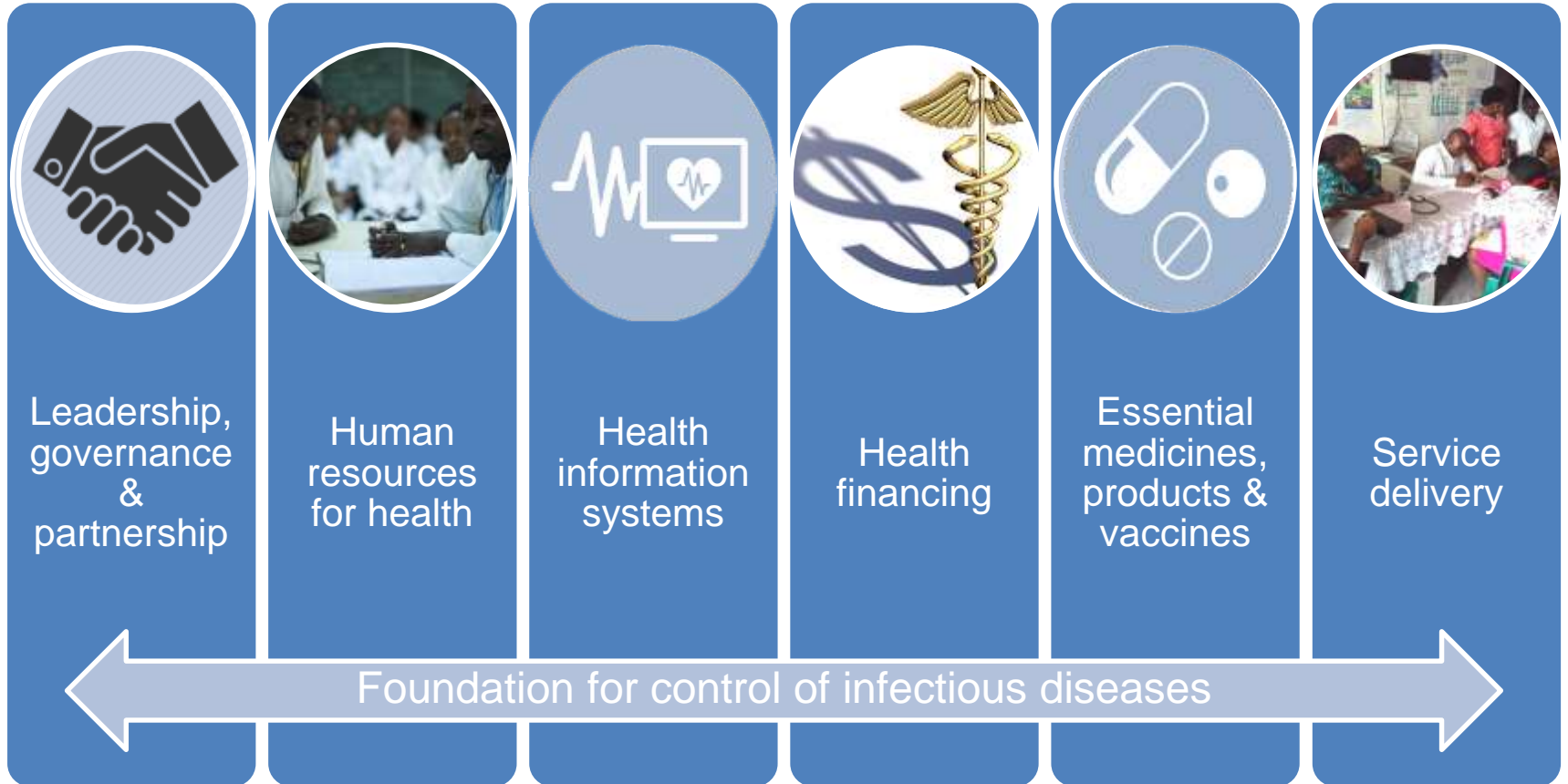


Are we winning the battle?

Several success stories



Health systems strengthening



Actions to combat Anti-microbial resistance (AMR)

The African lens



Increasing Awareness and Knowledge



Building a 'One Health' AMR Surveillance System



Intensifying IPC in the Tripartite Sectors
(Human Health, Animal Health and the Environment)



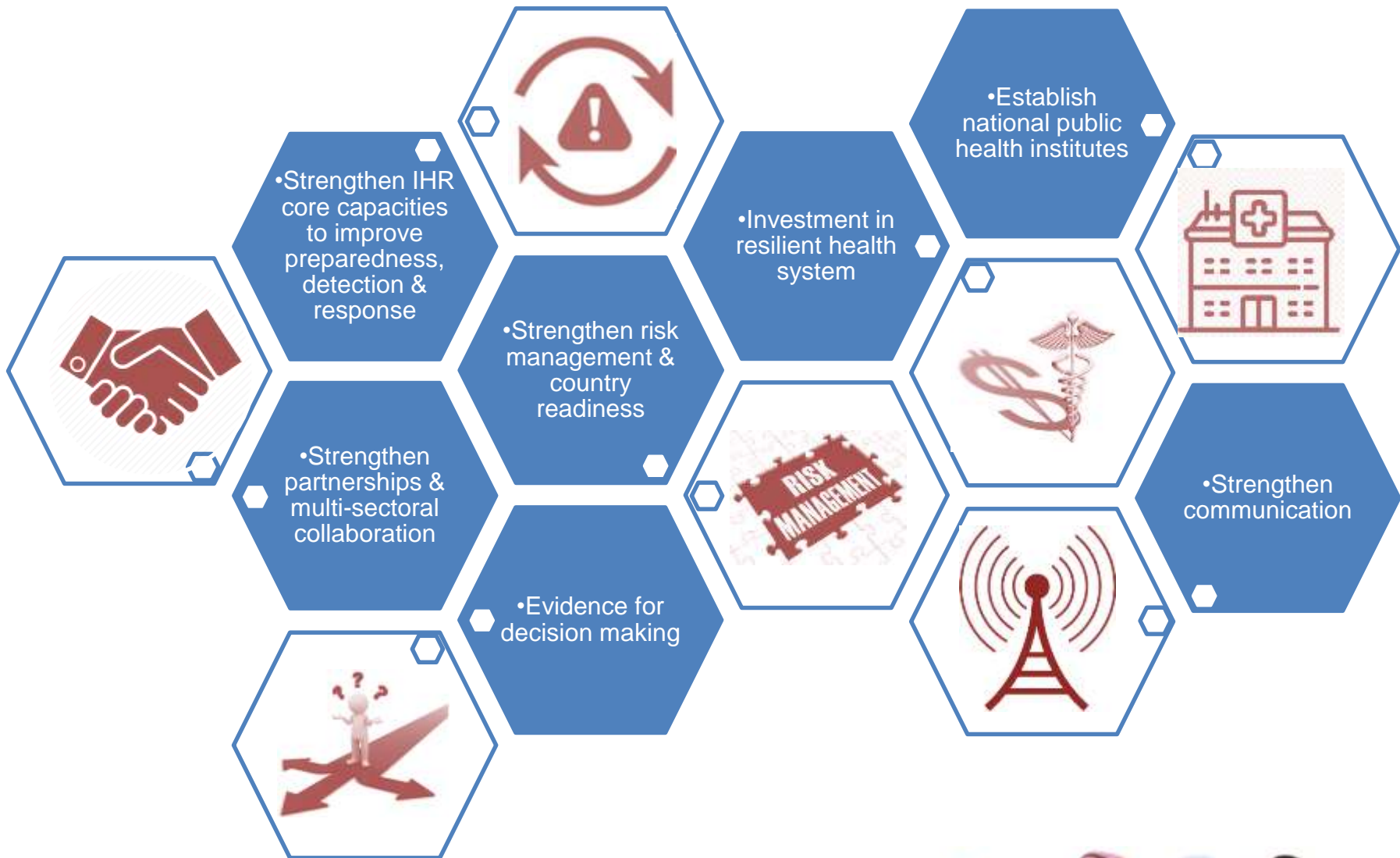
Promoting Rational Access to Antibiotics and
Antimicrobial Stewardship



Investing in AMR Research and Development



Strategies to control infectious diseases



World Health
Organization
REGIONAL OFFICE FOR
Africa



Summing up

We cannot afford to see more people dying from infectious diseases



Collective action now to stop preventable deaths



National **leadership & commitment**

Investing in **strengthening health systems & IHR core capacities**

Implementing strategies for **health security** in synergy with **UHC 2030** and **SDGs**

Innovations & research for new diagnostics, vaccines & treatment options





THANK YOU



World Health
Organization

HEALTH
EMERGENCIES
programme