### INTERNATIONAL CONFERENCE ON HEALTH AND DISASTER RISK REDUCTION

BANGKOK, THAILAND 10 TO 11 MARCH 2016

#### PANEL 2: CAPACITY BUILDING OF PUBLIC HEALTH PREPAREDNESS AND RESPONSE

**PRESENTATION BY AMBASSADOR YVETTE STEVENS** 

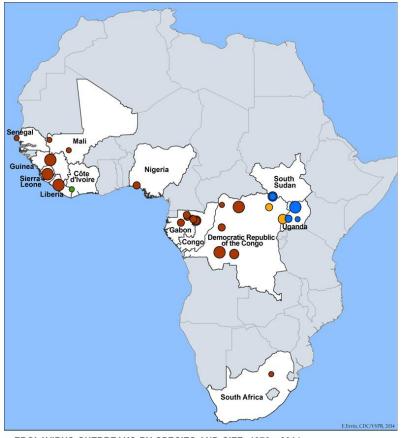
# PRESENTATION

- 1. INCIDENCE OF EBOLA IN AFRICA
- 2. THE WEST AFRICAN OUTBREAK
- 3. FACTORS AFFECTING TRANS-BORDER DISEASE TRANSMISSION IN WEST AFRICA
- 4. STATISTICS ON 2014 EBOLA OUTBREAK IN GUINEA, LIBERIA AND SIERRA LEONE
- 5. SPREAD OF DISEASE TO OTHER COUNTRIES

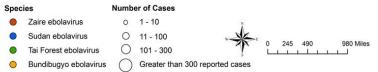
# PRESENTATION

- 6. LESSONS FROM THE EBOLA CRISIS: PREPAREDNESS
- 7. LESSONS FROM THE EBOLA CRISIS: RESPONSE
- 8. AREAS FOR TRANS-BORDER COOPERATION
- 9. PANDEMICS WITHIN MULTI-HAZARD SYSTEMS

### CASES OF EBOLA VIRUS DISEASE IN AFRICA 1976 - 2015



EBOLAVIRUS OUTBREAKS BY SPECIES AND SIZE, 1976 - 2014



### THE WEST AFRICAN OUTBREAK



FACTORS AFFECTING TRANS-BORDER DISEASE TRANSMISSION IN WEST AFRICA

- POROUS BORDERS
- ARTIFICIALITY OF BORDERS FAMILY TIES ACROSS BORDER
- LACK OF MEDICAL FACILITIES, INCLUDING LABORATORY FACILITIES FOR TESTING AND DIAGNOSIS

### STATISTICS ON 2014 EBOLA OUTBREAK IN GUINEA, LIBERIA AND SIERRA LEONE AS AT 17 FEBRUARY 2016 (SOURCE:WHO)

	GUINEA	LIBERIA	SIERRA LEONE	TOTAL
No. of Cases	3,804	10,675	14,124	28,603
No. of Deaths	2,536	4,800	3,956	11,292

### SPREAD OF DISEASE TO OTHER COUNTRIES

### BUT IN TODAY'S GLOBALISED WORLD, WHERE TRAVEL TO OTHER COUNTRIES GOES ON, A PANDEMIC LIKE EBOLA CANNOT BE CONTAINED IN ONE REGION.

### STATISTICS ON OTHER AFFECTED COUNTRIES

COUNTRY	CASES	DEATHS
ITALY	1	0
MALI	8	6
NIGERIA	20	8
SENEGAL	1	0
UK	1	0
USA	4	1

### LESSONS FROM THE EBOLA CRISIS: PREPAREDNESS

- THE NEED FOR EQUIPPED HEALTH FACILITIES
  INCLUDING LABORATORY FACILITIES TO
  DIAGNOSE THE DISEASE AT AN EARLY STAGE
- THE NEED FOR EARLY WARNING SYSTEMS THAT WOULD TRIGGER ACTION BY ALL ACTORS
- THE NEED FOR INTENSIFIED RESEARCH AND DEVELOPMENT OF VACCINES AND TREATMENTS FOR ALL INFECTIOUS DISEASES THAT HAVE THE POTENTIAL TO BECOME PANDEMICS

## LESSONS FROM THE EBOLA CRISIS: RESPONSE

- Need For Timely Determination By The International Health Regulation Emergeny Committee That An Outbreak Constitutes An 'Extraordinary Event' And A Public Health Risk To Other States
- Need For Standby Capacity For Speedy Response
- Getting The Right Person In The Right Place At The Right Time
- Importance Of Community Mobilization
- Public Awareness

### AREAS FOR TRANS-BORDER COOPERATION

- Research And Development For Vaccines And Treatments For Diseases That Have The Potential To Develop As Pandemics
- In This Regard, Creating Centres Of Excellence Within The Region And Beyond
- Wide Sharing Of Experience By Countries That Have Been Affected By Pandemics

# AREAS FOR TRANS-BORDER COOPERATION (Continued)

 Setting up of capacity for the production of materials used in pandemics, such as personal protection equipment (PPE) at short notice

## PANDEMICS WITHIN MULTI-HAZARD SYSTEMS

- Proper functioning health systems also important for all disasters
- Disease outbreaks and spread during natural disasters are commonplace and laboratories could serve for other natural disasters
- Awareness raising for preparedness for all natural disasters should include a pandemic component
- Community mobilization

#### THANK YOU