



Facilitating National Implementation through Assistance and Cooperation

Andy Weber
Assistant Secretary of Defense
for Nuclear, Chemical, and Biological
Defense Programs

December 14, 2012

“We must come together to prevent, and detect, and fight every kind of biological danger—whether it’s a pandemic like H1N1, or a terrorist threat, or a treatable disease.”

President Obama, United Nations General Assembly Address, September 22, 2011



Health/Security Partnership: Critical to Countering Biological Threats

“In an age when people and diseases cross borders with growing ease, bioweapons are a transnational threat, and therefore we just protect against them with transnational action”

--Secretary of State Hillary Rodham Clinton, 2011



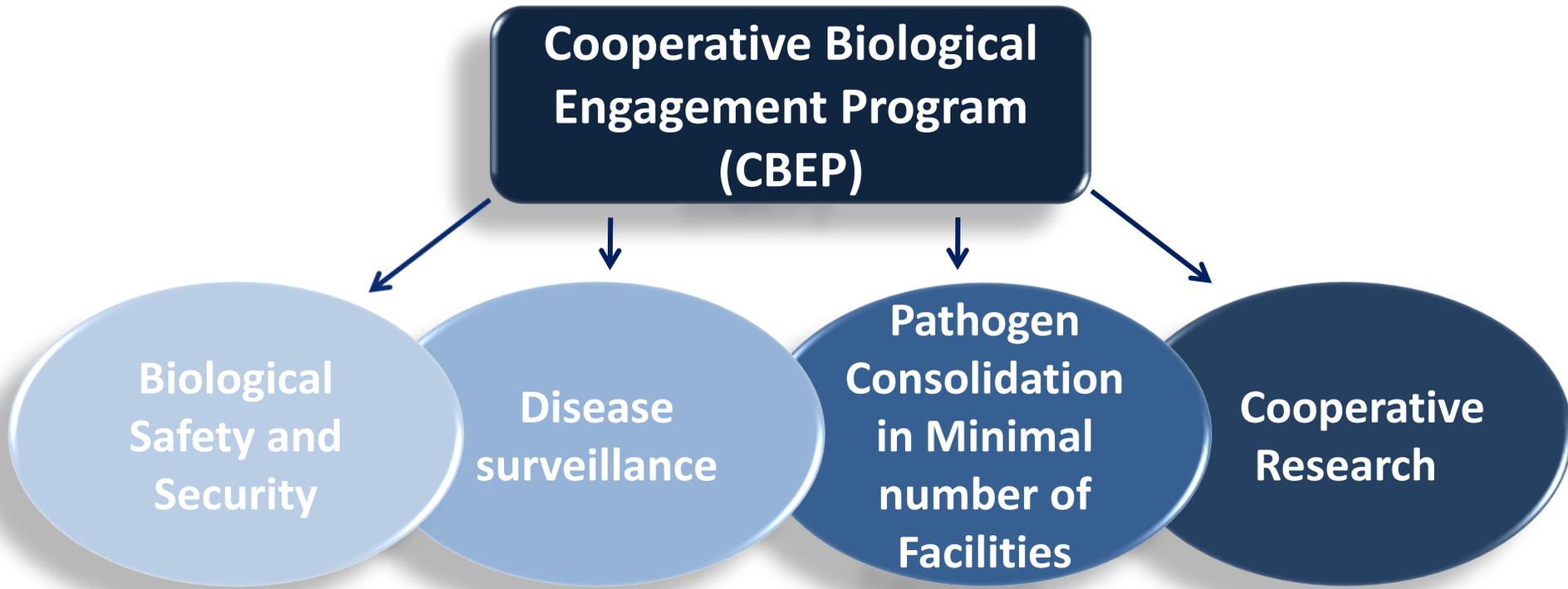
“More and more, the conditions that threaten health are shaped by forces that govern the entire world”

*--World Health Organization Director General
Margaret Chan on H1N1, 2012*

Department of Defense – Advancing Global Health Security through:

- Cooperative Biological Engagement
 - Expansion to Africa, South and Southeast Asia, and the Middle East
- Overseas Laboratories
- Developing next generation diagnostics and medical countermeasures

DoD Cooperative Biological Engagement



Cooperative Biological Engagement in Eurasia



- Tbilisi, Georgia: Established Richard G. Lugar Center for Public Health Research
- Assisting with Central Reference Laboratories , which are regional biosurveillance hubs
- Demonstration of enhanced disease surveillance capabilities in the region for 2013-2014
- Regional research collaboration on Antimicrobial Resistance in development

Tbilisi, Georgia: Richard G. Lugar Center for Public Health Research



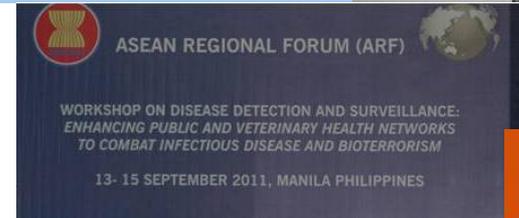
WRAIR



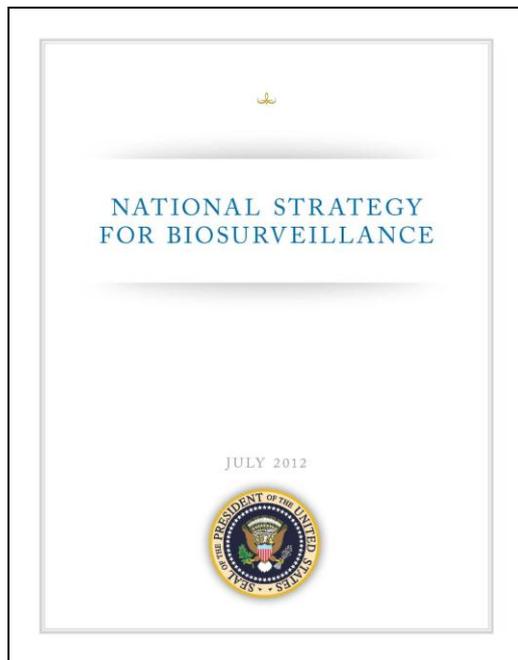
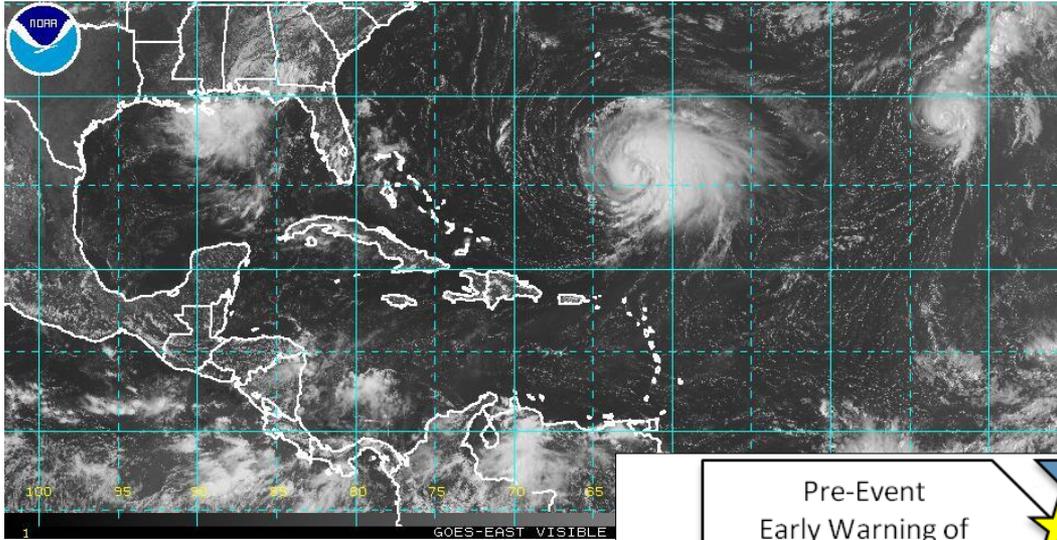
Odessa, Ukraine: Central Reference Laboratory

Cooperative Biological Engagement in Africa & Southeast Asia

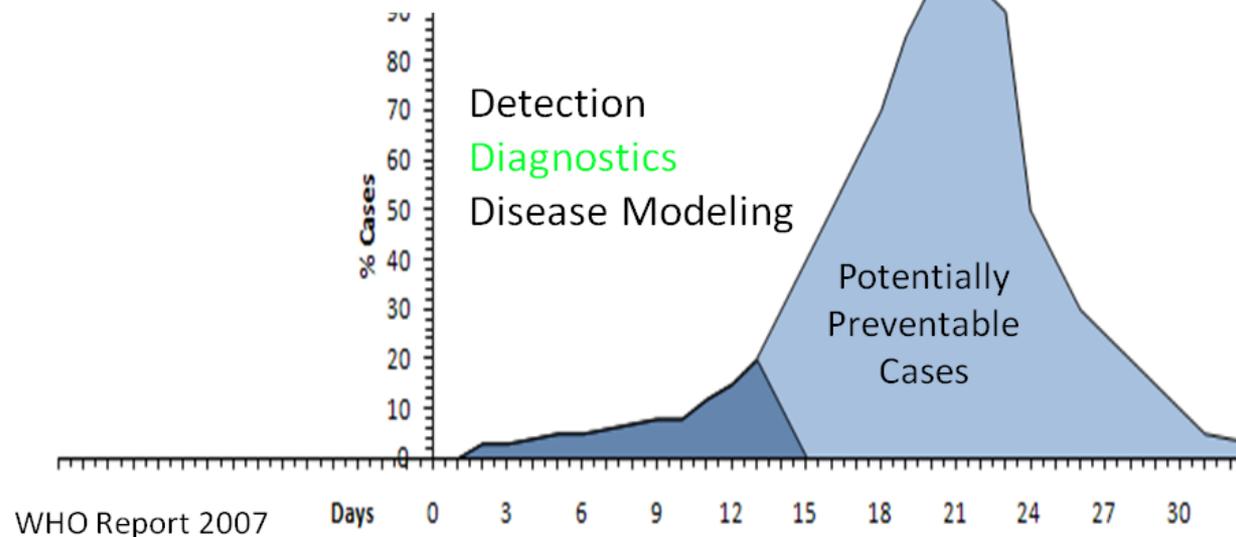
- Upgrading biosecurity & biosafety at key institutes.
- Assisted in the establishment of a Zoonosis Disease Unit in Kenya
- Building regional biosurveillance capacity through African Field Epidemiology Network
- Providing lab design advice to Vietnam's MOH and MOA
- Engaging with WHO regional offices to identify gaps and projects to support meeting IHR core capacity requirements
- Partnering to improve understanding of infectious disease baselines



Next Generation Diagnostics & Biosurveillance: Toward Real-Time, Situational Awareness

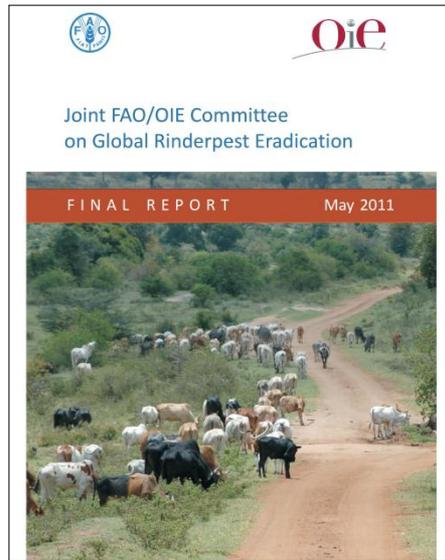
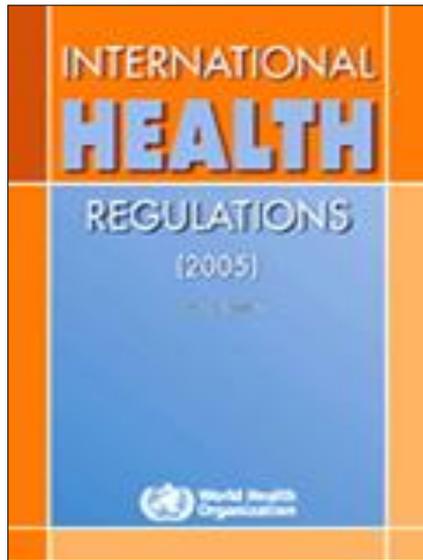


WARN EARLY AND SAVE LIVES



Innovative Partnerships

Collaboration with International Health Organizations



Global Partnership Against the Spread of Weapons and Materials of Mass Destruction



- International Health Regulations (2005)
- Post-Rinderpest Eradication
- Real-Time Biosurveillance
- Pathogen Security
- Diagnostics



- \$20 billion, 2002-2012
- Extension beyond 2012 for global threats
- Biological Security as a top priority



**“[A] perfect example of the kind of partnerships that we need,
working together to meet challenges that
no nation can address on its own.”**

--President Barack Obama, December 03, 2012