Ready, Get Set, Go!
A Systems Approach to Continuous Community Engagement (CCE) for Emergency Preparedness and Response

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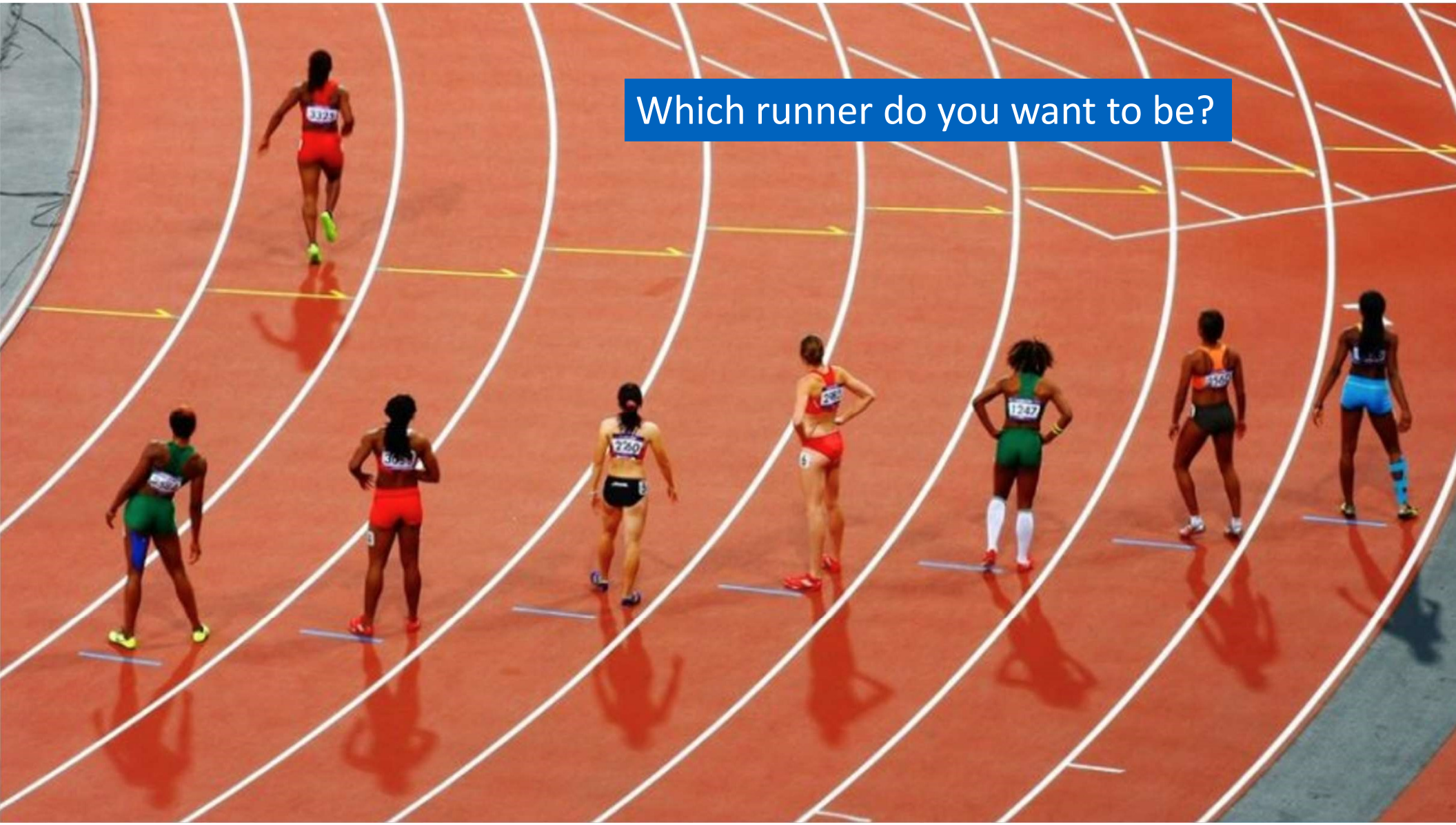

Which runner do you want to be?

Session Map

1. Interactive Case Discussion (3 CHAPTERS) – Hurricane Preparedness and Response
   a. Highlights of a Systems Approach to Disaster
   b. Your job: Identify 3 Take Home Points
2. Brief summaries of our programs

Systems Approach

- Health
- Education
- Safety
- Security
- Civil affairs
- Physical Infrastructure
- Government
- Culture/Religion

Case: Chapter 1. Ready

Long-range forecasters have issued their predictions on the 2019 Atlantic hurricane season which includes the Atlantic Ocean, Caribbean Sea, and Gulf of Mexico, and runs from June 1 to November 30.

Forecasters are calling for a hurricane season that is close to normal, which means *12 to 14 named storms* will likely develop in the Atlantic hurricane basin.

In the Eastern Caribbean and along the U.S. East Coast, the season tends to be busiest between mid-**August** and mid-**September**.

Preparedness Plan

Who are the partners (local, regional) that you want to involve?

What is your timetable for planning?

What will your plan include?

What policy changes and training steps will you take?

Case: Chapter 2. Get Set !

Mobilization

How will you communicate with your partners?

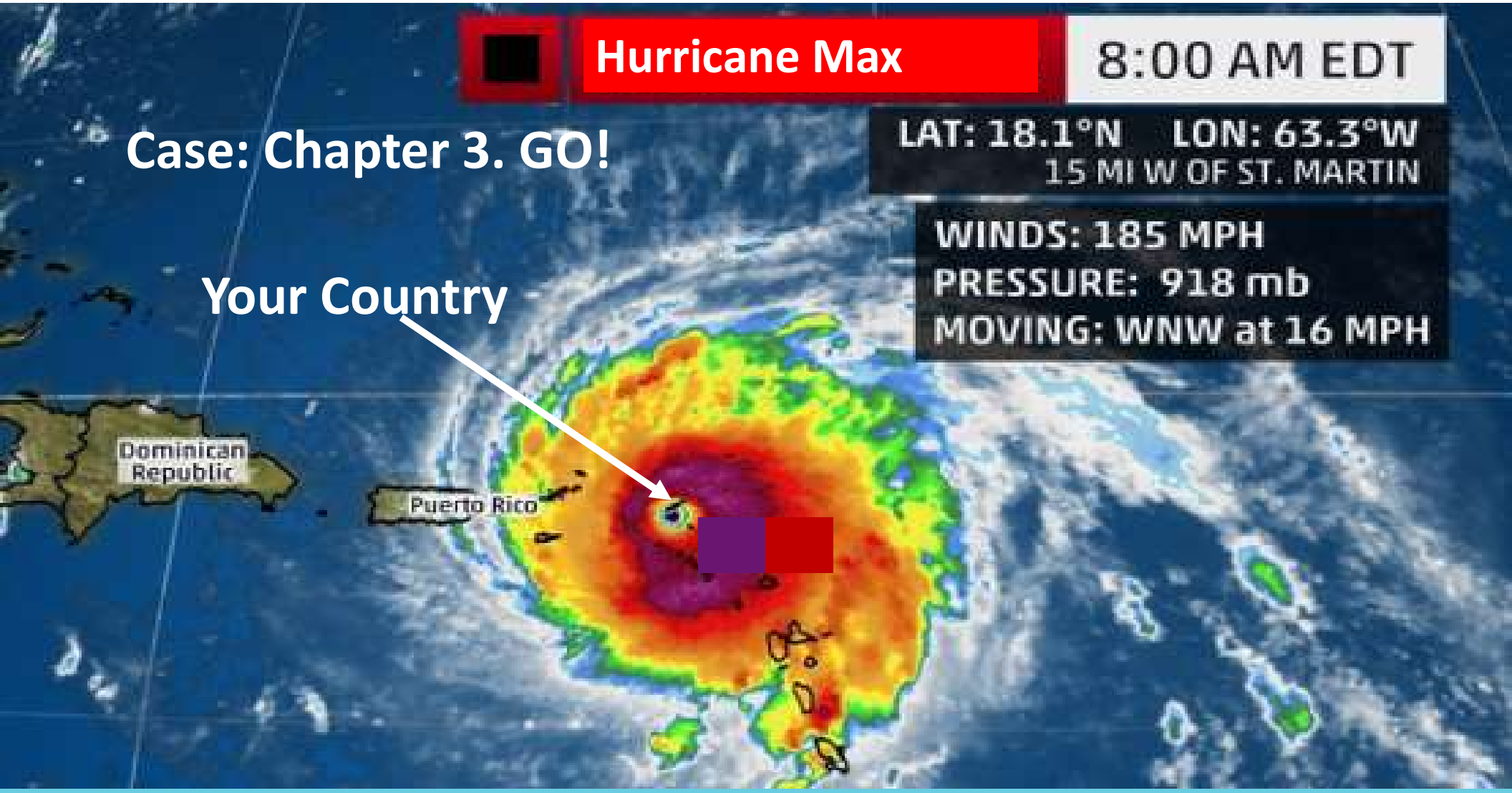
How do you determine who will make important decisions (e.g., resource allocation, shelter)?

Who will coordinate the efforts?

Barrier to Overcome

There is evidence that when communication about a disaster subsides, emotions fade, and the artefacts of destruction from a previous disaster (e.g., dilapidated buildings) become less and less visible that memory 'decays' and preparedness declines.

Insurance payments lapse, building practices slacken off and response plans are neglected. How can we bring together our systems to continuously combat this memory decay within our communities of citizens?


Hurricane Max
8:00 AM EDT
Case: Chapter 3. GO!
LAT: 18.1°N LON: 63.3°W
15 MI W OF ST. MARTIN
WINDS: 185 MPH
PRESSURE: 918 mb
MOVING: WNW at 16 MPH
Your Country
Dominican Republic
Puerto Rico

Airport and Ship Terminal Severely Damaged:
No airplanes or ships in or out.

Infrastructure severely compromised

Shelters are in place but empty.
MINCO BULLDOGS
HOME
VISITOR
Basketball
1972 CLASS A
QUARTER FINALIST
MINCO BULLDOGS
1971-72
STATE QUARTER FINALISTS
19-9
Girls Basketball
Girls Basketball
1983 CLASS A
STATE QUARTER FINALISTS
High School
Academic Team
STATE CHAMPIONS
MINCO BULLDOGS
Football
BULL DOGS
American Red Cross

Response and Recovery

How do you activate and coordinate with partners?

Who is responsible for rapid needs and damage assessment?

How do you communicate with and provide essential services to, the public?

Who monitors the effort? How?

Barrier to Overcome

Drills and table top exercises have become the norm for system personnel responsible for executing disaster plans. Yet this does not seem to be enough. Often response efforts break down around **communication and coordination** of personnel from the professional and volunteer sectors. What can we do to address this potential pitfall?

How can you plan to reach the most vulnerable populations?

Part II

Brief Overview of the Caribbean Center for Disaster Medicine (CCD)

Municipal Civil Protection Committees (CCPC)

Caribbean Center for Disaster Medicine

- ✓ REGIONAL/INTERNATIONAL RESOURCE
- ✓ EDUCATIONAL AND TRAINING PROGRAMS
- ✓ TOOLS TO INTEGRATE INTO DISASTER PREPAREDNESS AND RESPONSE SYSTEMS
- ✓ A BRIDGE AMONG ORGANIZATIONS AND STAKEHOLDERS

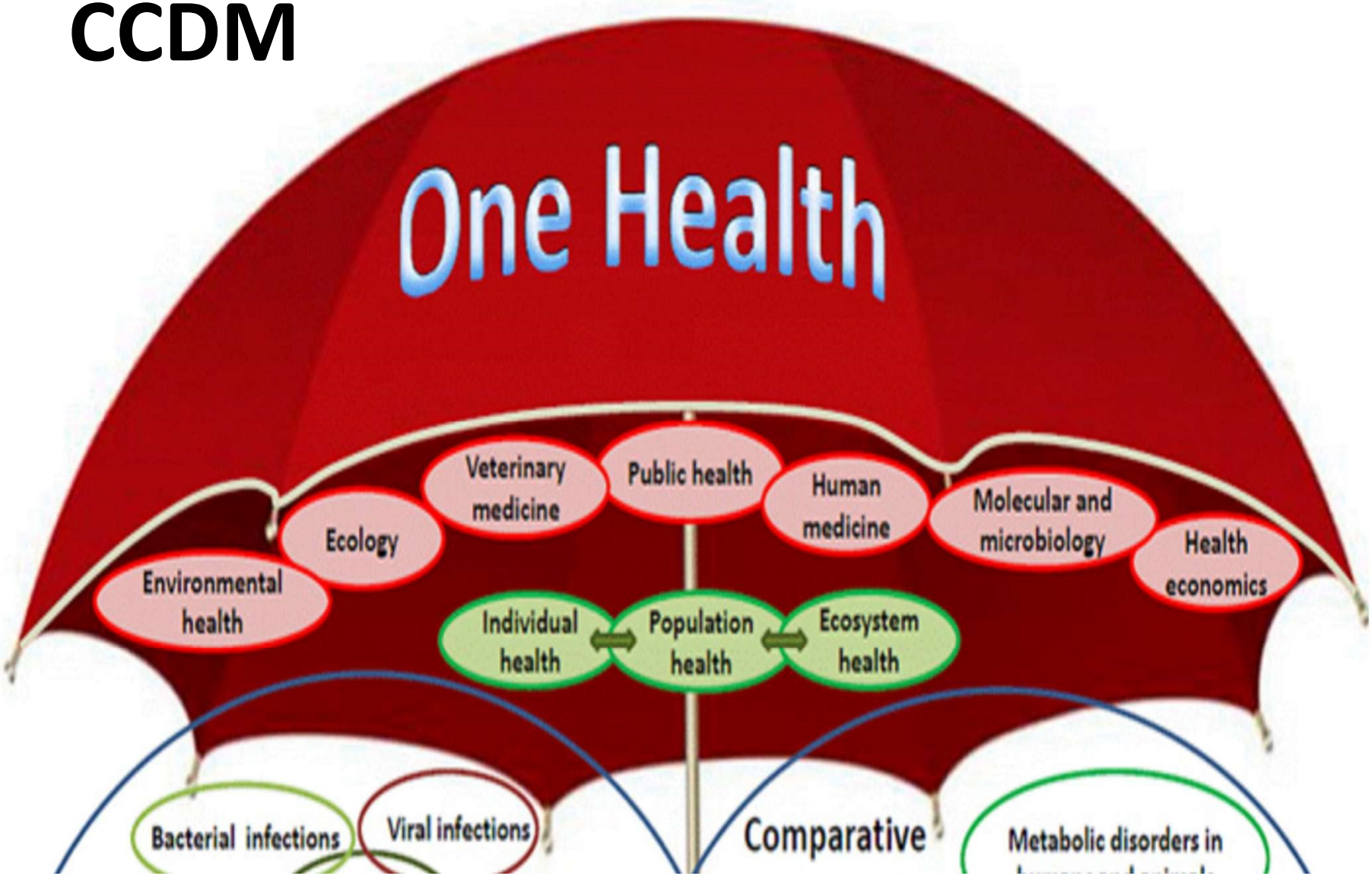
Caribbean Center for Disaster Medicine (CCDM)

Vision

To be is to be a globally recognized Center for Disaster Medicine distinguished by collaboration, innovation, **social accountability** and dedication to the health and well-being of communities in the Caribbean.

American University of the Caribbean
School of Medicine

CCDM


One Health
Veterinary medicine
Public health
Human medicine
Molecular and microbiology
Health economics
Ecology
Environmental health
Individual health
Population health
Ecosystem health
Bacterial infections
Viral infections
Comparative
Metabolic disorders in

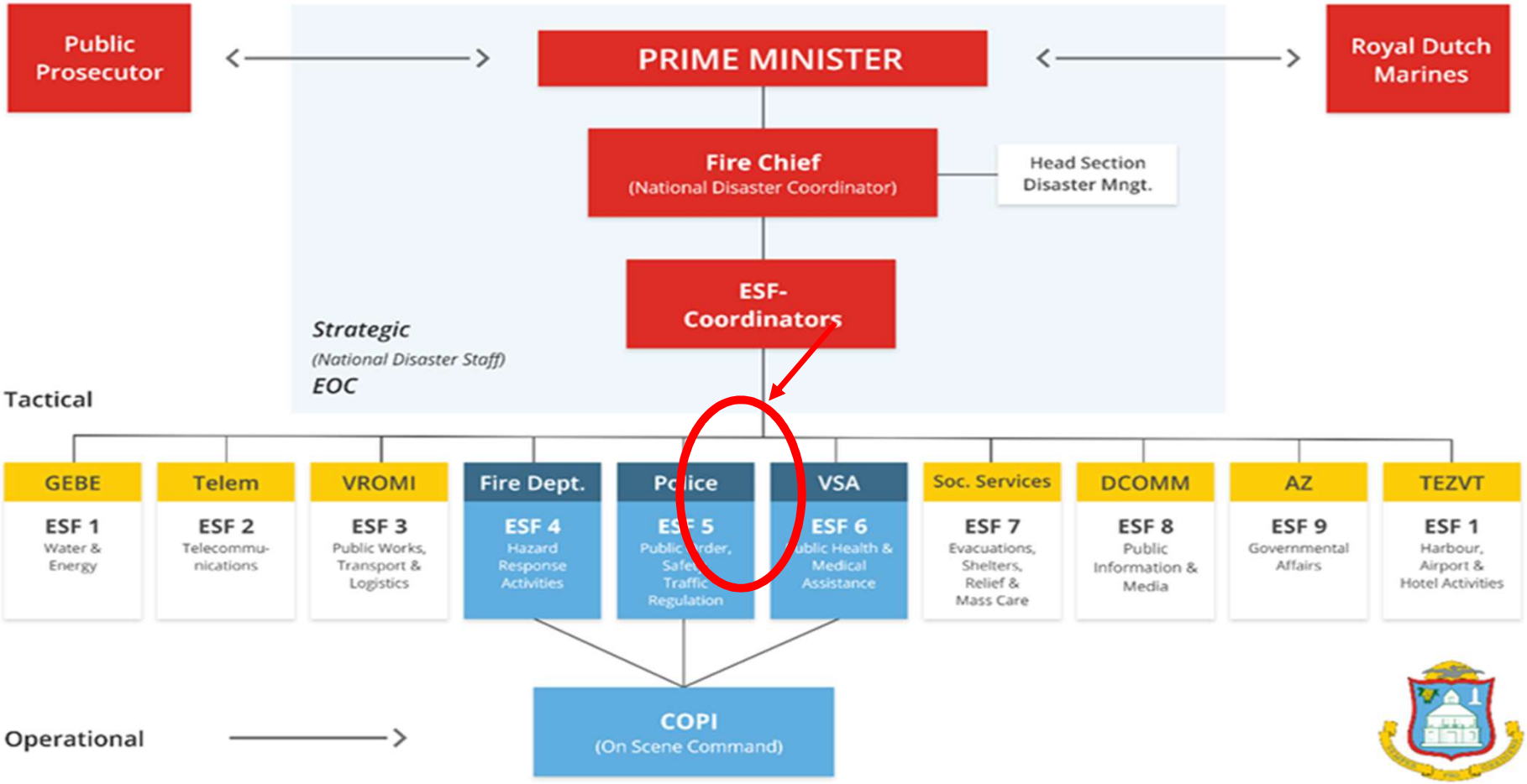
Three Main Pillars for CCDM

Education

Research

Operations

ORGANIZATIONAL STRUCTURE DISASTER MANAGEMENT SINT MAARTEN



Situation as of 10.10.2010

Organizations in ESF 6

Mental Health Foundation
FOR PSYCHOLOGICAL WELLNESS - St.Maarten

St. Maarten Medical Center
We Care Together!

[redacted]

[redacted]

[redacted]

PAHO Health Emergencies

Health Sector Response

Clemens Buter

Advisor planning and operations Smart Hospitals

Pan American Health Organization
World Health Organization
Regional Office for the Americas

PAHO

Priorities of the PHE

Deliver rapid, predictable, and comprehensive support

Areas: prevention, risk reduction, preparedness, surveillance, response, and early recovery

Prepare for, respond to, or recover from emergencies

Hazards to human health, whether disease outbreaks, natural or man-made disasters or conflicts

Working and Coordinating with other Programmes

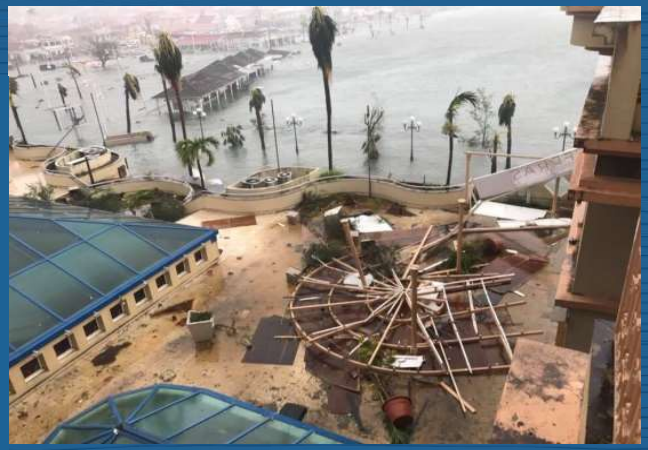
PAHO/WHO

Specific Health sector responsibilities PAHO Regional Response Team

- PAHO's mandate: Coordination in health for UN and CDEMA (CDM)
- Damage & needs assessment of health facilities
- Access to treatment
- Epidemiological surveillance
- Environmental health and vector control
- WASH: PAHO responsible for water quality (not quantity)

Response challenges in 2017

- The context: small island states, roads, ports, airports and telecom suffered significant damage
- Puerto Rico and Florida logistic lines disrupted
- Health staff also affected, most technical staff over stretched, exhausted
- Response to immediate needs in health: medevac and dialysis patients
- Information management on assessments: to collect, process and share info for actions but different requirements for donors, for OCHA, etc



PAHO/WHO

The Future

- Resilience vs. resistance: standards!!!
- Regional solidarity network: send health staff from one country to another. RSS/BDF initiative for Emergency medical team level 2.
- From disaster plans to SOP's

PAHO

Building a Sustainable Sint Maarten

The devastation caused by hurricanes Irma and Maria in 2017 created unimaginable challenges, but it has also brought with it new opportunities for growth and general improvements. These times have united us and given us a unique momentum to rebuild a Sint Maarten that can meet the needs of our people now, and those of our future generations.

Building a Sustainable Sint Maarten 2018-2022 Governing Program Report

Opportunity to Build a Center for Disaster Medicine

Prepare with expert disaster personnel
- Sint Maarten Department of Public Health, EMS and Hospital
- Pan American Health Organization (PAHO)

Identify gaps
- NGO training and coordination
- Communication and leadership

Help establish protocols

Health/Pharmaceutical Preparedness
- Certification of health professionals in emergencies
- Risk Assessment