



# Strengthening Disaster Resilience: Post Hurricane Ivan



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# How are Hazards Managed?



## 1. Reducing the impact to the hazard

- Disaster Preparedness Plans
- Early Warning Systems
- Mitigation Measures (Structural & Non-Structural)

## 2. Responding to hazard impacts

- National Emergency Response Teams
- Community Emergency Response Teams
- Shelter Management
- Damage Assessment
- Relief Distribution
- Recovery Actions

## 3. Building Resilience

- Policy and Plan Development
- Public Education and Awareness
- DRM Programmes and Projects
- Disaster Risk Financing



# Disasters Resilience



Building resilience to natural hazards requires an awareness of risk, a commitment by all stakeholders to make change happen, and a structured approach to funding and implementing effective measures for disaster risk reduction.

Resilience is the ability of a system, community or society exposed to hazards to resist, absorb, accommodate to and recover from the effects of a hazard in a timely and efficient manner, including through the preservation and restoration of its essential basic structures and functions (UNISDR, 2009).

# Hurricane Ivan Impact on Jamaica



Throughout Jamaica, Hurricane Ivan killed 17 people and left \$575 million in damage. Hurricane-force winds affected the entire island, while heavy rainfall triggered mudslides and flooding.

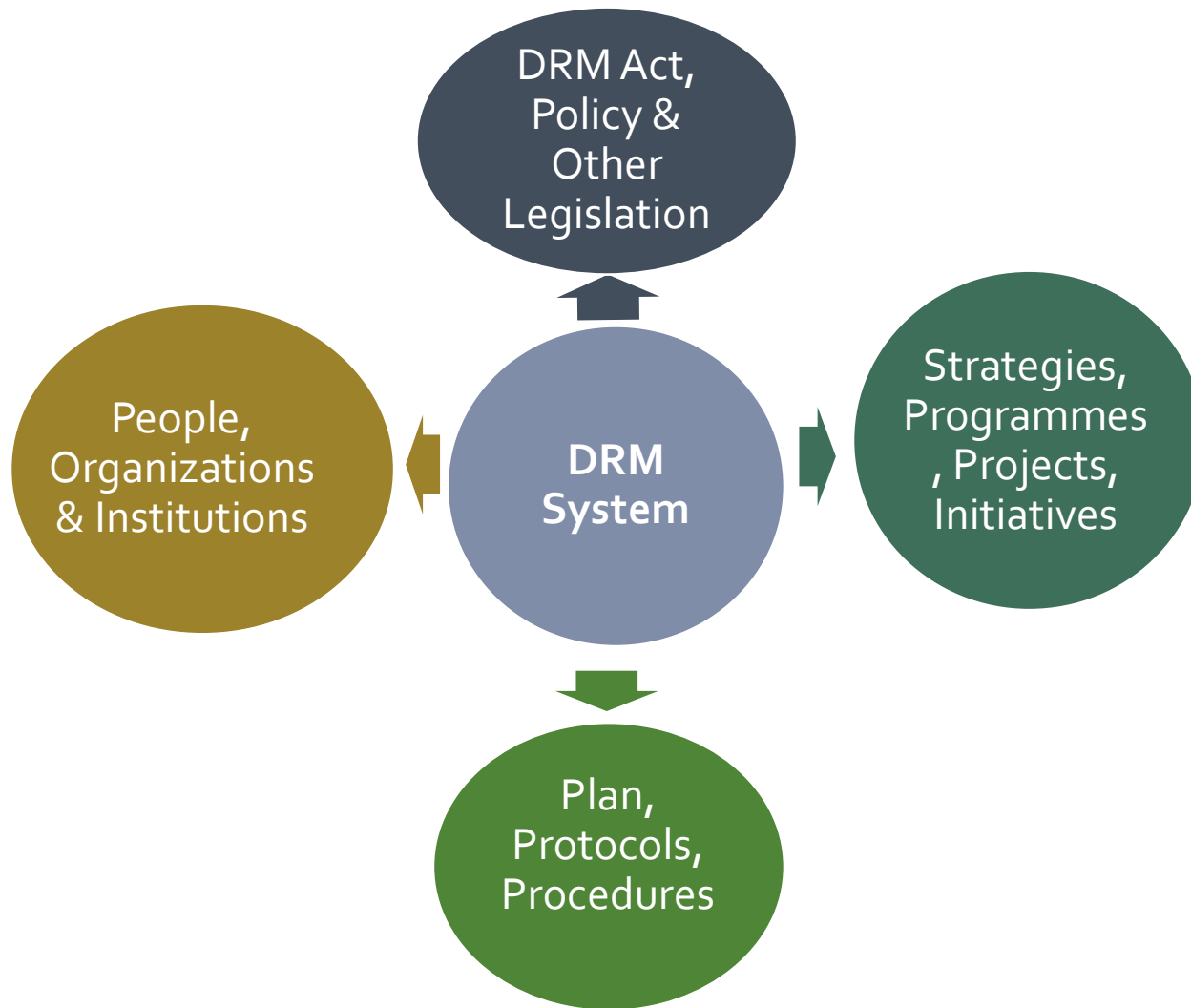
Total cost of damage, direct and indirect is \$J 35.9billion (US\$ 595,000). Of that total, direct damage is calculated at \$J 22.23 billion and Indirect at \$J 13.7 billion.



# National Disaster Risk Management Framework for Jamaica



# Disaster Risk Management System



# National Disaster Risk Management Council

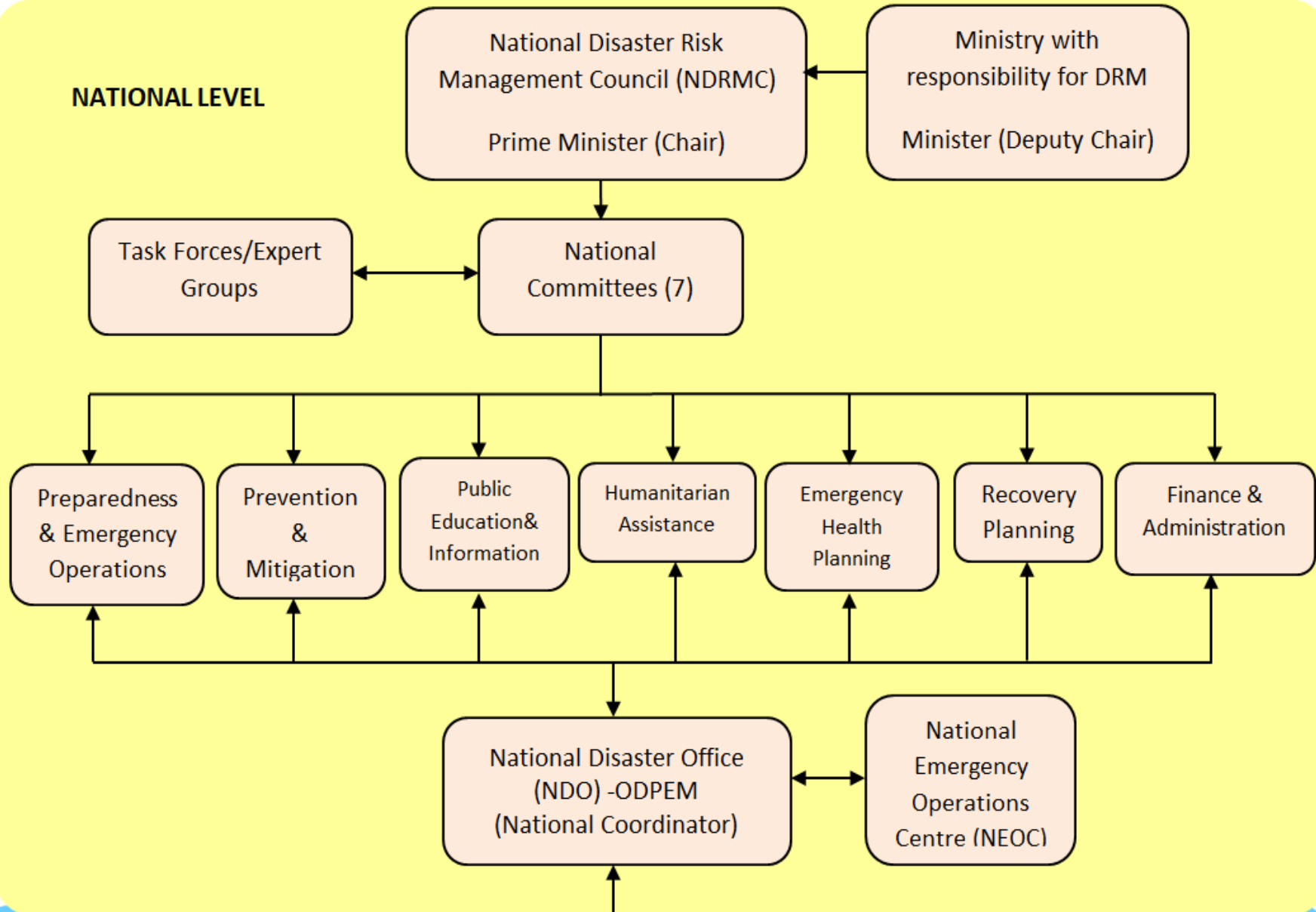




# National Disaster Risk Management Framework



## NATIONAL LEVEL







# National Disaster Risk Management Framework



## MUNICIPAL LEVEL

Key MDAs, Civic Groups, Private Sector

Parish Disaster Committees (PDC) (14)

Disaster Management Units (14)

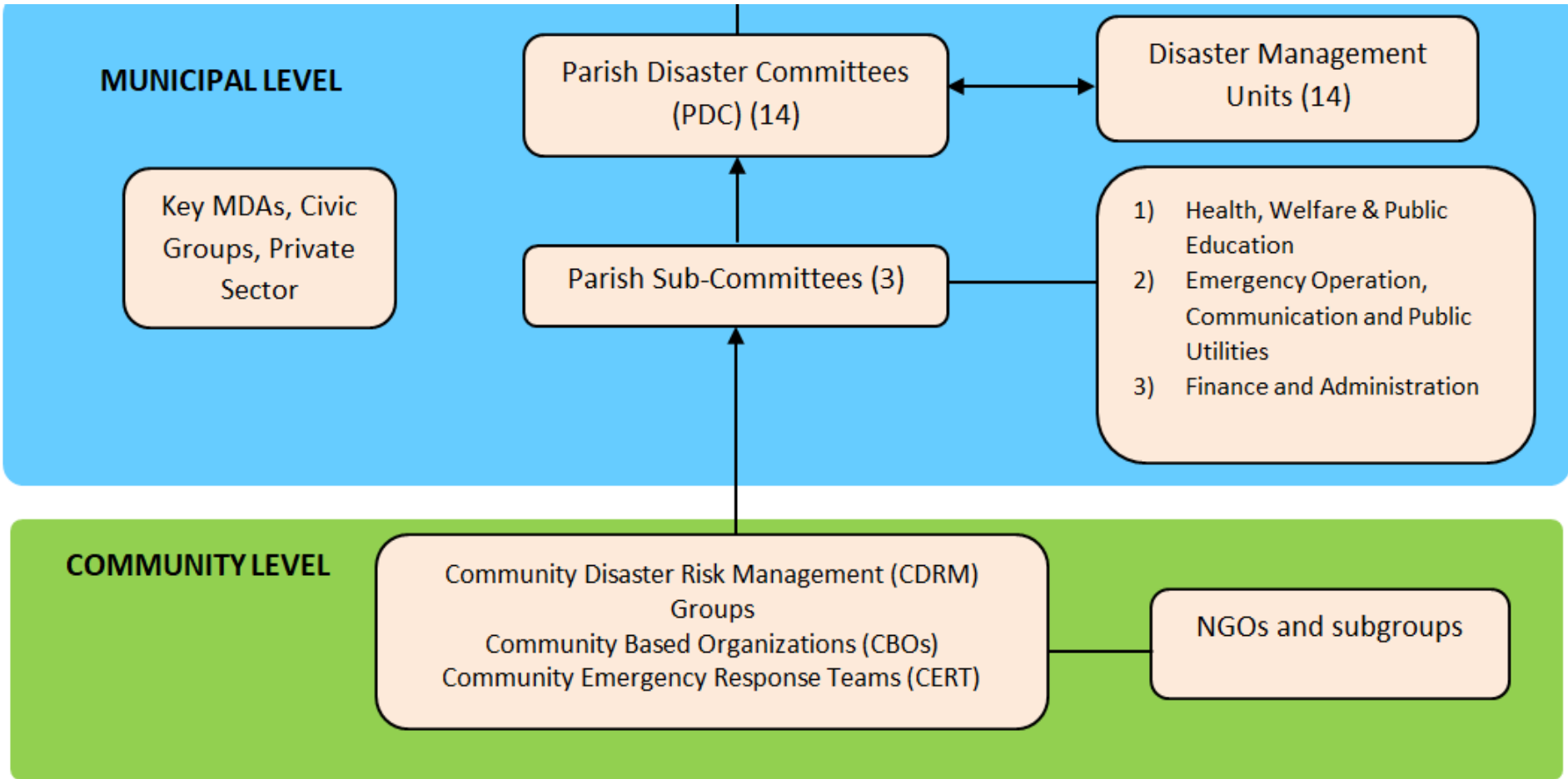
Parish Sub-Committees (3)

- 1) Health, Welfare & Public Education
- 2) Emergency Operation, Communication and Public Utilities
- 3) Finance and Administration

## COMMUNITY LEVEL

Community Disaster Risk Management (CDRM) Groups  
Community Based Organizations (CBOs)  
Community Emergency Response Teams (CERT)

NGOs and subgroups





# The Pillars of resilience



- **Social Protection for the Marginal and Most Vulnerable**
- **national Public Education and Awareness Programme.**
- **Safeguarding Infrastructure (Building Codes)**
- **Enhancing Economic Opportunity**
- **Environmental Protection**
- **Operational Readiness and Recovery**
- **Recovery Capabilities**
- **Legislative requirements ...DRMA 2015, The Building Act 2018**
- **Disaster Risk Financing and Risk Transfer**



The End

