



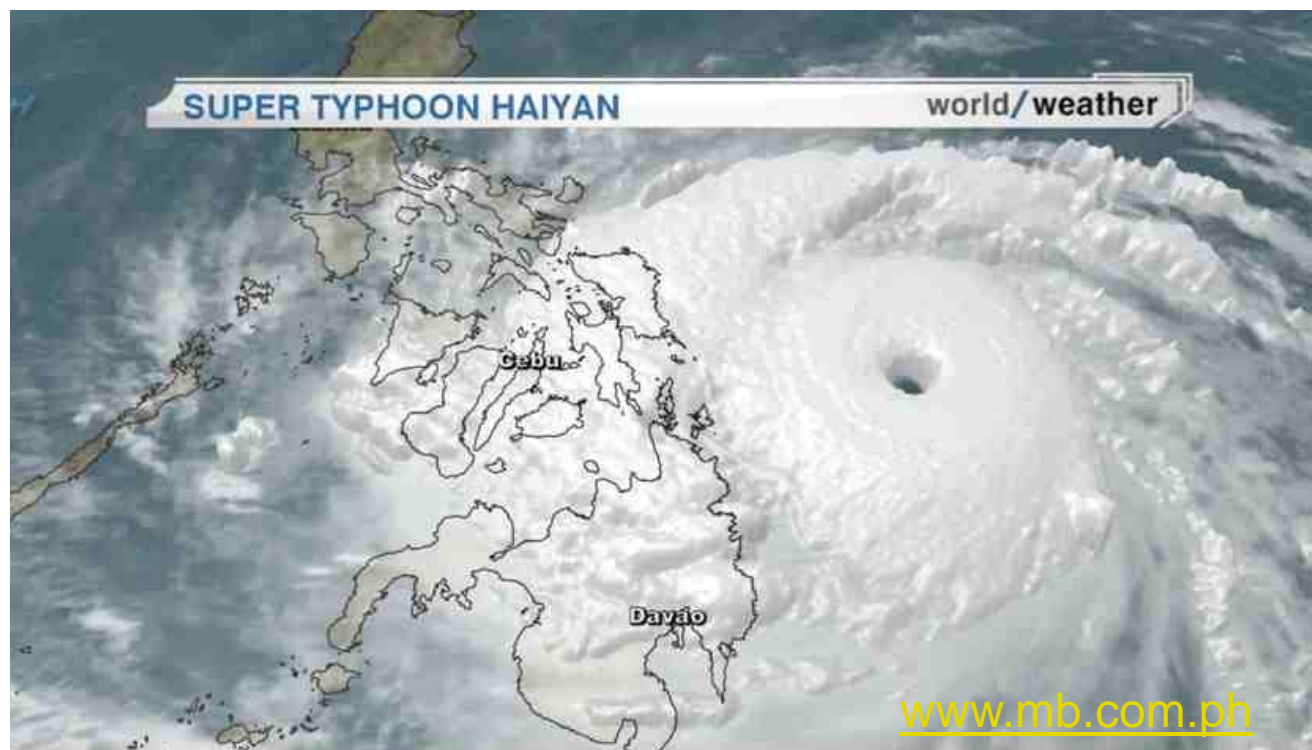
Disaster Risk Reduction

Building a Culture of Disaster Preparedness and
Resilience Among Communities in Ormoc City,
Philippines Post-Haiyan

Super Typhoon Haiyan

8 November 2013:

- Typhoon Haiyan, known in the Philippines as **Typhoon Yolanda**, was one of the strongest tropical cyclones ever recorded
- The deadliest Philippine typhoon on record



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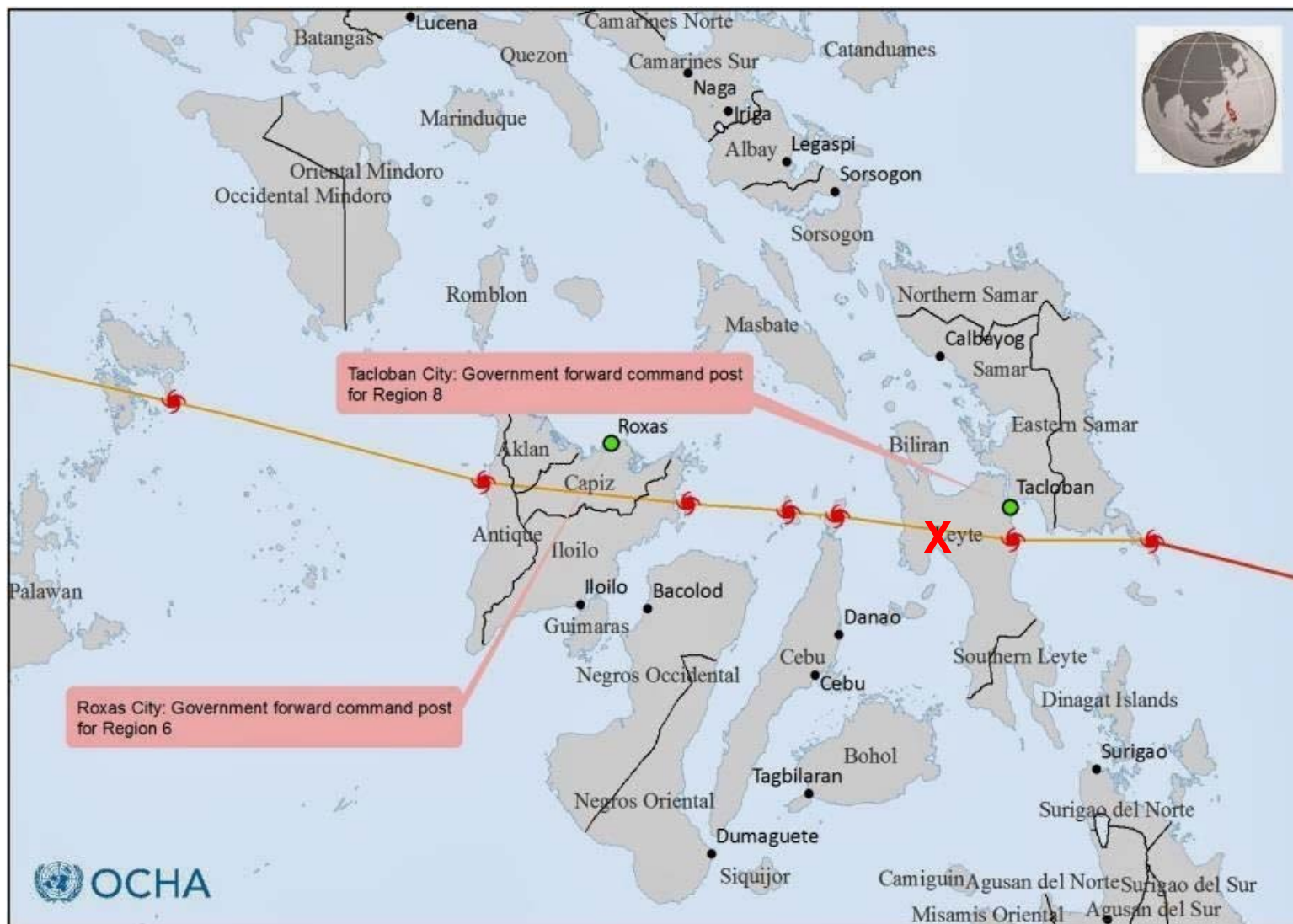
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Haiyan Numbers at a Glance

- **16 million** People Affected
- **6,300** Deaths
- **4.1 million** People Displaced
- **1.1 million** Houses Damaged

Source: National DRRM Council (17 April 2014)

Typhoon Path & Eye



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Ormoc City, Leyte



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MERCY Malaysia's Haiyan Response

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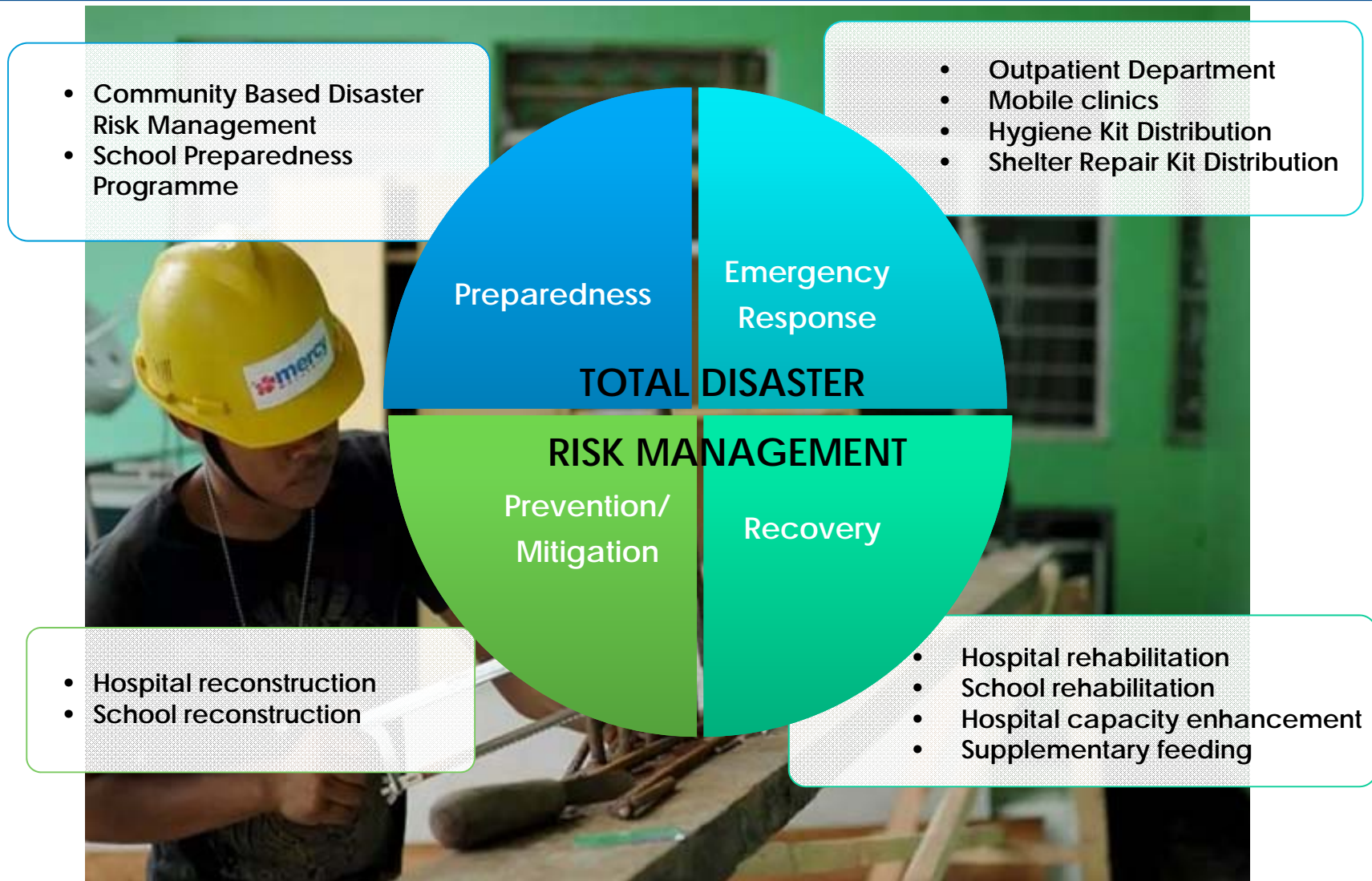


Brief Background



MERCY Malaysia is a non-profit organization focusing on providing

MERCY Malaysia's Approach



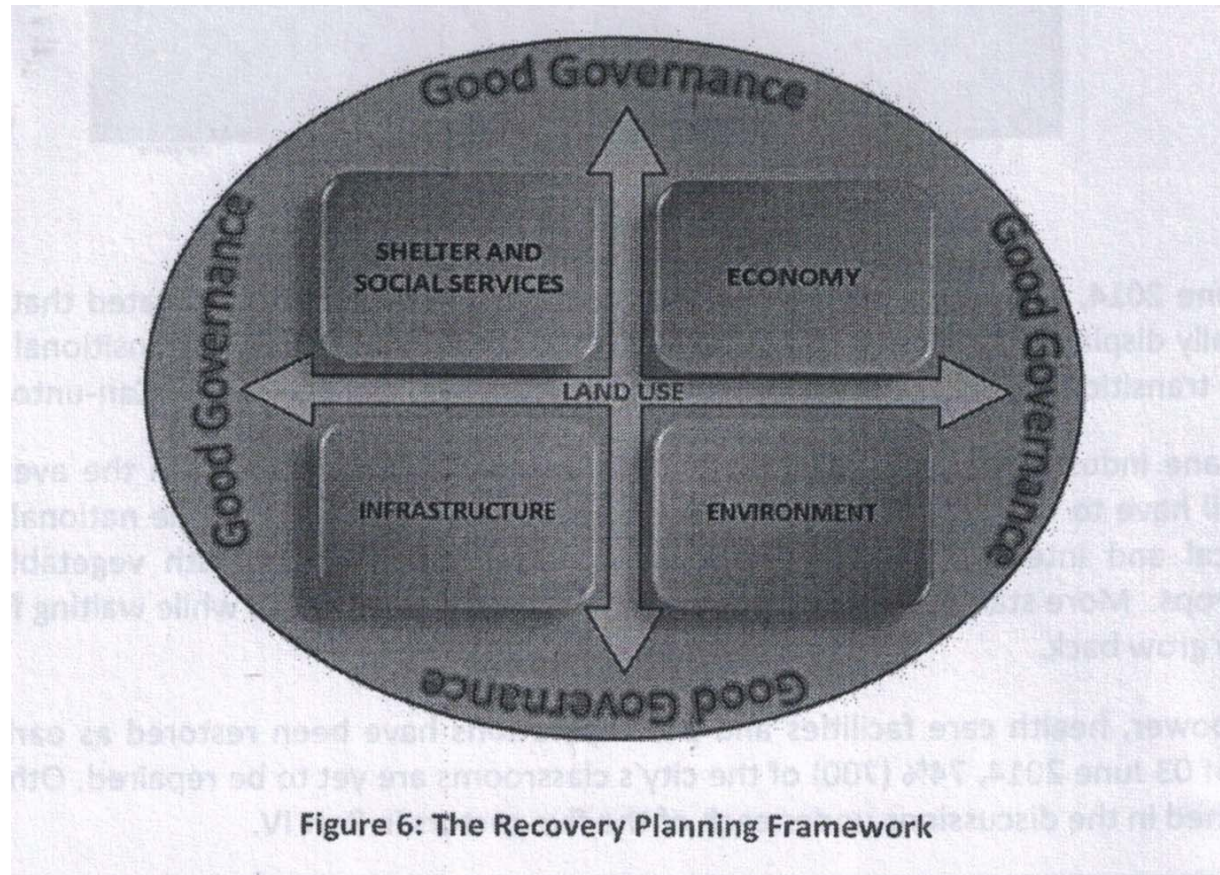


The Ormoc Recovery and Rehabilitation Plan

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Sectors in the Recovery Plan

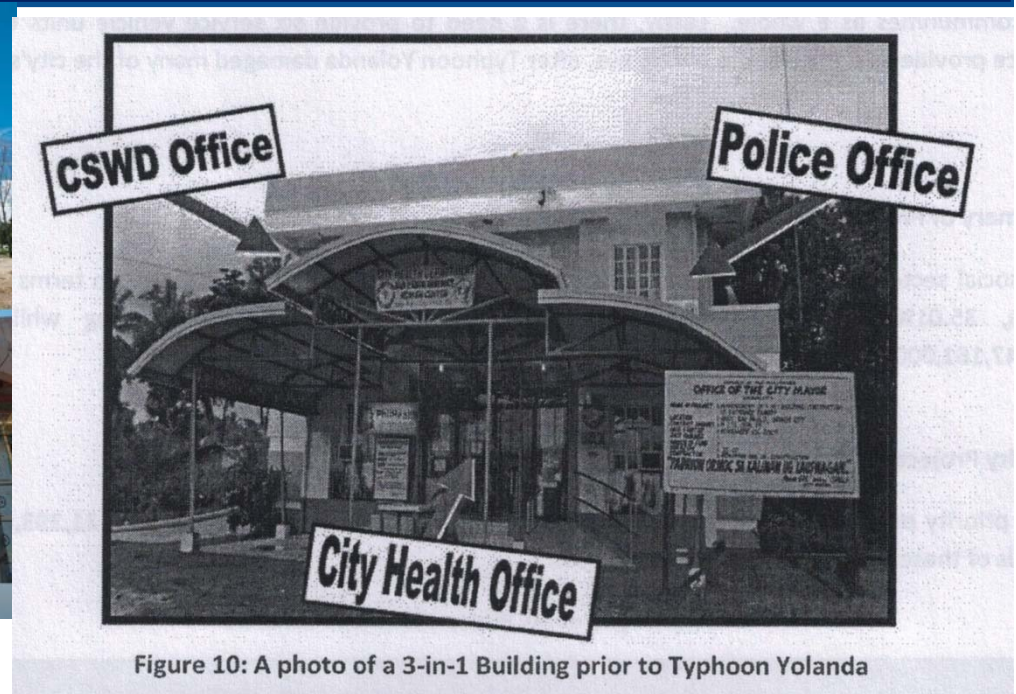
Table 6: Summary of Costs per Sector

SECTOR	ESTIMATED COST OF PROJECTS (in PhP)	% OF EST. COST
Infrastructure Sector	1,750,488,487	53.15%
Resettlement Sector (Shelter)	1,186,500,000	36.03%
Social Sector	72,561,000	2.20%
Livelihood Sector	206,000,000	6.25%
Environment	77,980,000	2.37%
TOTAL	3,293,529,487	100.00%

A. Shelter Sector

- Partially damaged 18,750 houses
- Totally damaged 25,371 houses

B. Social Sector



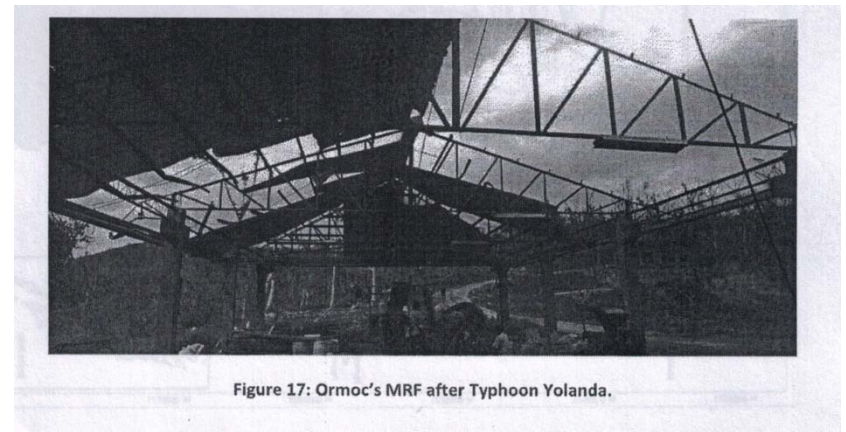
- 54 out of 110 health centers were damaged
- 104/110 of day care centers were damaged
- 665 malnourished children
- 169 totally damaged schools
 - As of June 2014 (70% are still unrepaired)

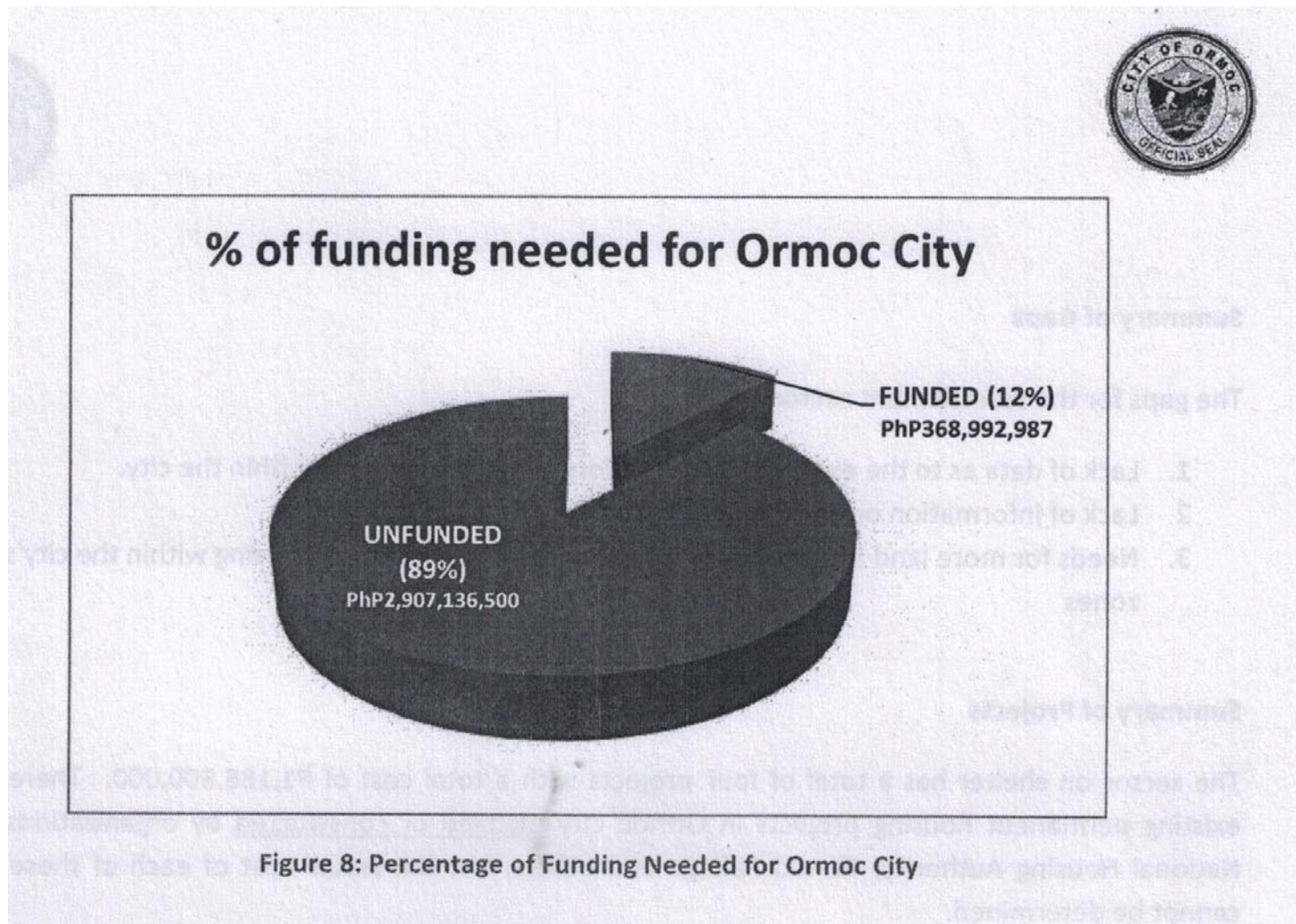
C. Livelihood Sector

- Damages:
 - 900 hectares of rice plantation
 - 40% of the total sugarcane production for 2013
 - 1 million heads of broilers chicken
 - Coconut plantations
 - Business structures, goods, equipments used by MSMEs

D. Environment Sector

- Damages:
 - Forest, ornamental and fruit-bearing trees
 - Debris after the typhoon
 - 640 truckloads (Nov 10 to Dec 31)
 - 750 truckloads (Jan to Feb 2014)
 - Huge impact on the capacity of the city landfill and MRF (damaged after typhoon)





Anti-Seismic and Anti-typhoon Schools



Ballion Elementary School - January 2014



Ballion Elementary School - September 2014



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MERCY Malaysia's Disaster Risk Reduction Program

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Assessment of DRR Situation in Ormoc City

Slide 22

1. Local Government Unit (LGUs) have limited capacity on Disaster Risk Reduction

- City Level – officials are sensitized on DRR concepts but not institutionalized
- Barangay Level – only some officials are aware but DRR structure not functioning

2. Knowledge gap in the new Disaster Risk Reduction and Management (DRRM) Law

3. Communities are not prepared for disasters

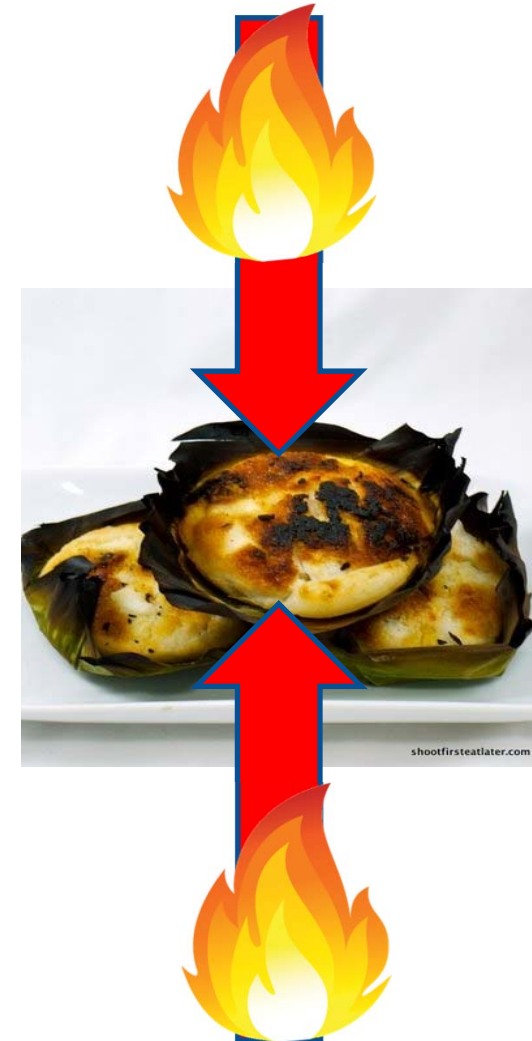
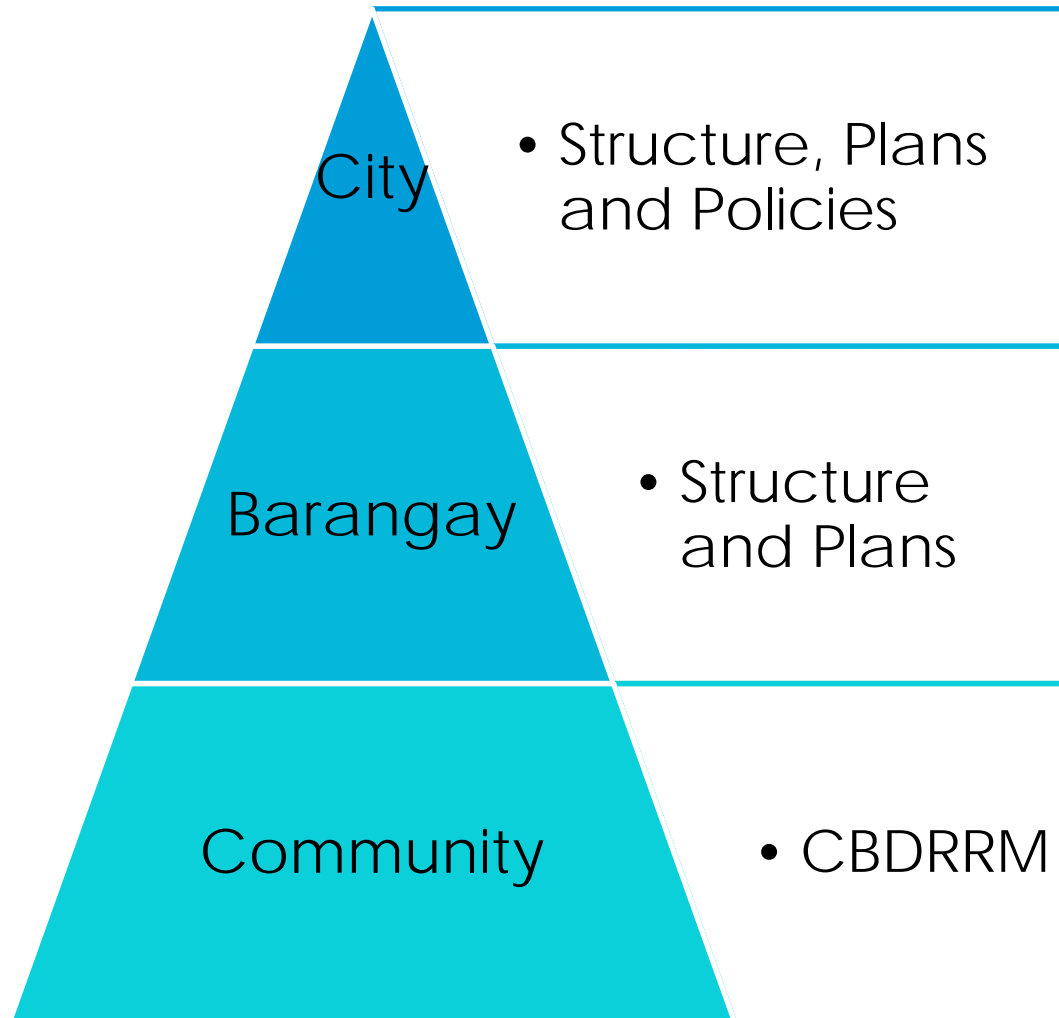
4. Children are vulnerable in times of disasters

- DRR is not yet mainstreamed in all schools

The DRR Program Model



The “Bibingka” Approach



CBDRRM Program

Community Based Disaster Risk Reduction Management (CBDRRM)



Decrease vulnerability of the community



Increase capacity of the community

- Components of the Program:
 - a. Phase I
 - CBDRRM Program at Brgy. Nasunogan
 - Local CSO Partners' CBDRRM Program
 - b. Phase II
 - School Preparedness Program



Community Based Disaster Risk Reduction Management Program (CBDRRM)

Slide 26

Risk Assessment/Sensitization/Consultation and Training/Capacity Development in Brgy. Nasunogan

CBDRRM Training of Trainers
May 2014



Brgy Level Workshop
May 2014



Purok (Community) Level Workshop
June 2014



Social Preparation – Brgy Courtesy Call
May - 2014



Community Selection (Beneficiaries)
June 2014



Village Watching Workshop
July 2014



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Outputs of the CBDRRM

1. Hazards and Resource Maps



2. Community DRRM Plan



Projects Funded

- Community-Based Early Warning System
- First Aid Training and Provision of Equipment
- Community-Managed Hog-Raising Program

Phase II: School Preparedness Program

- **SPP Training of Trainers**

- Local CSO Partners



Starts in
November
2014

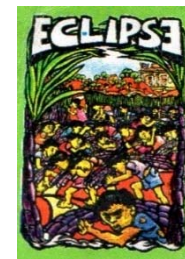
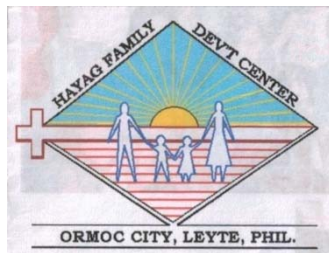
- **SPP Training of Teachers and PTA**

- **School Preparedness Workshop**

- School Watching and Children's Camp
 - Implementation of DRR Projects in Schools

Local Civil Society Organizations

- Partnered with four (4) local CSOs



- Trained the CSOs on CBDRRM
- Financed each CSO to conduct a CBDRRM Program in one barangay

City and Barangay Local Government Unit Activities

Slide 31

- Focus on:

–S

–S

–S

1. Risk Sensitization

- City Level
 - Town Watching Workshop



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Risk Sensitization



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Risk Sensitization

- **Barangay Level**
 - Village Watching Workshop



Risk Sensitization

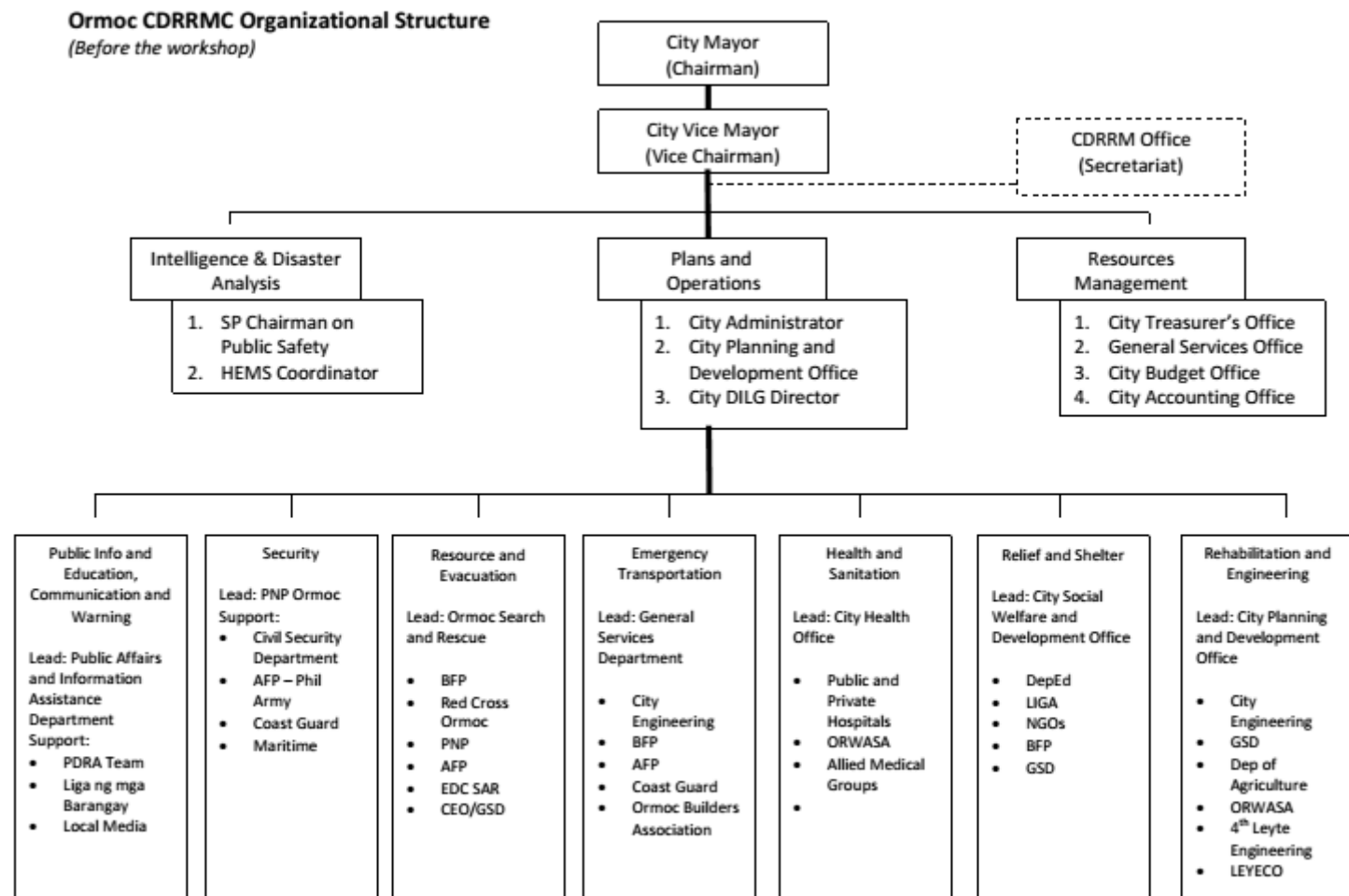


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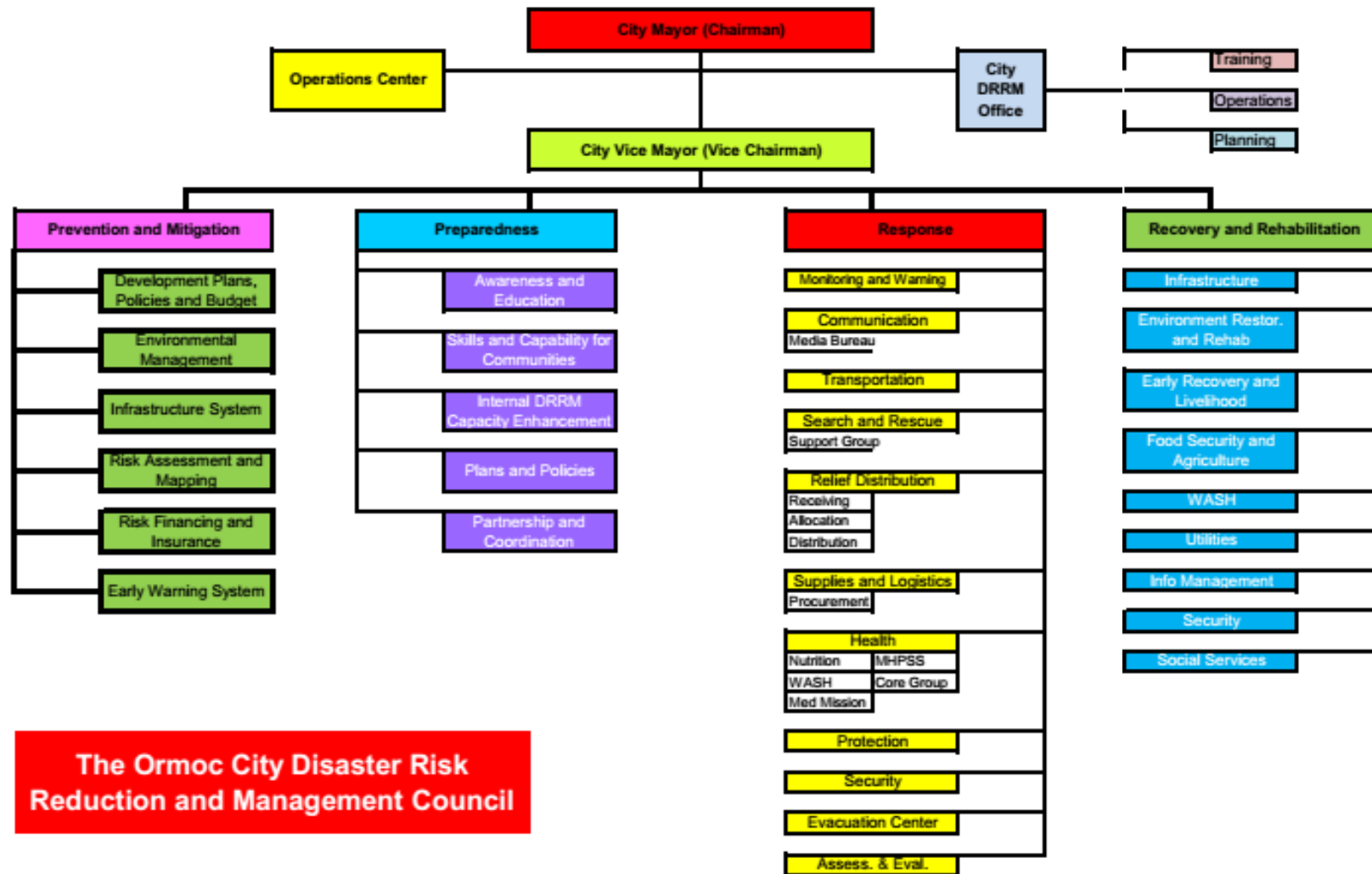
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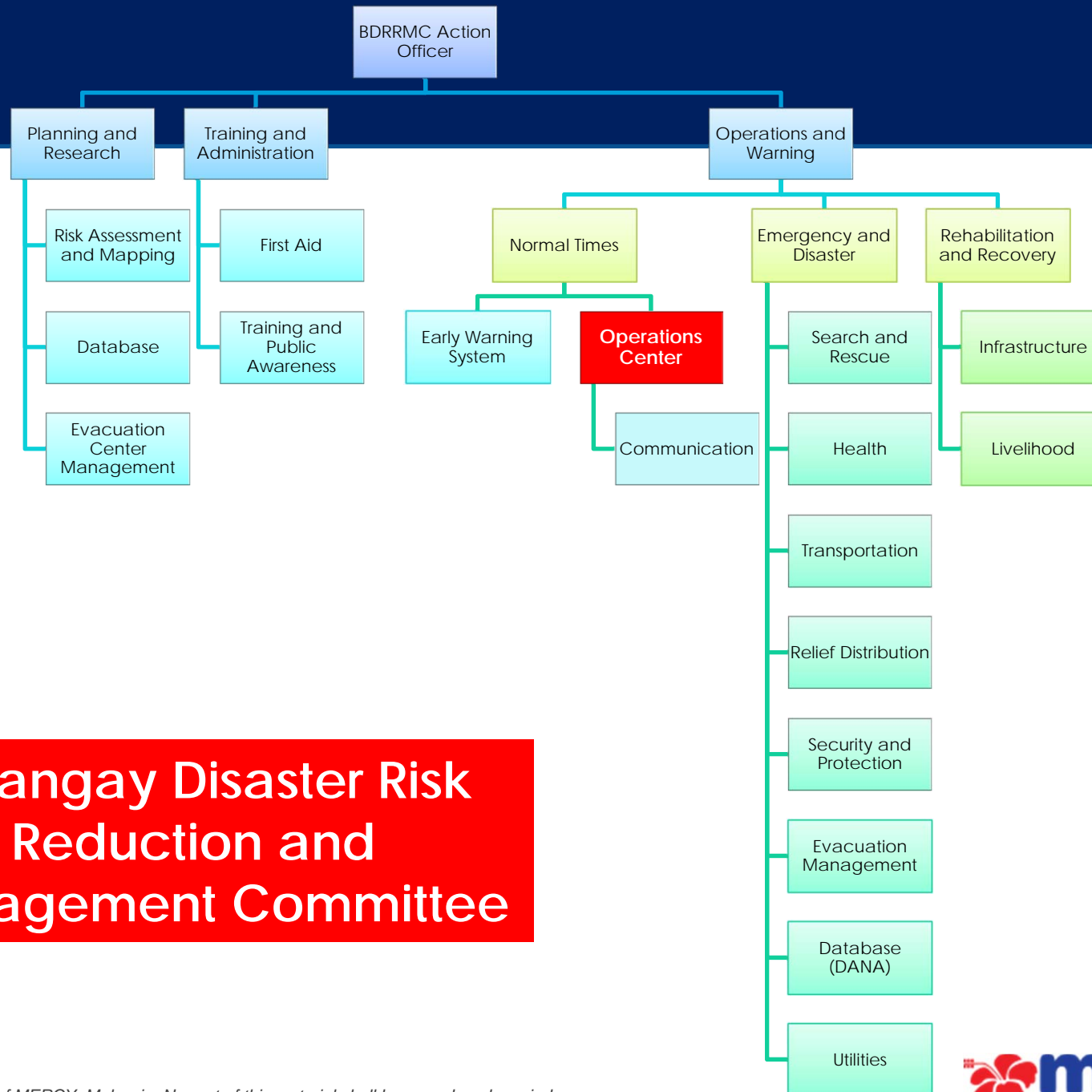
2. Structuring of DRR Councils

- City Level



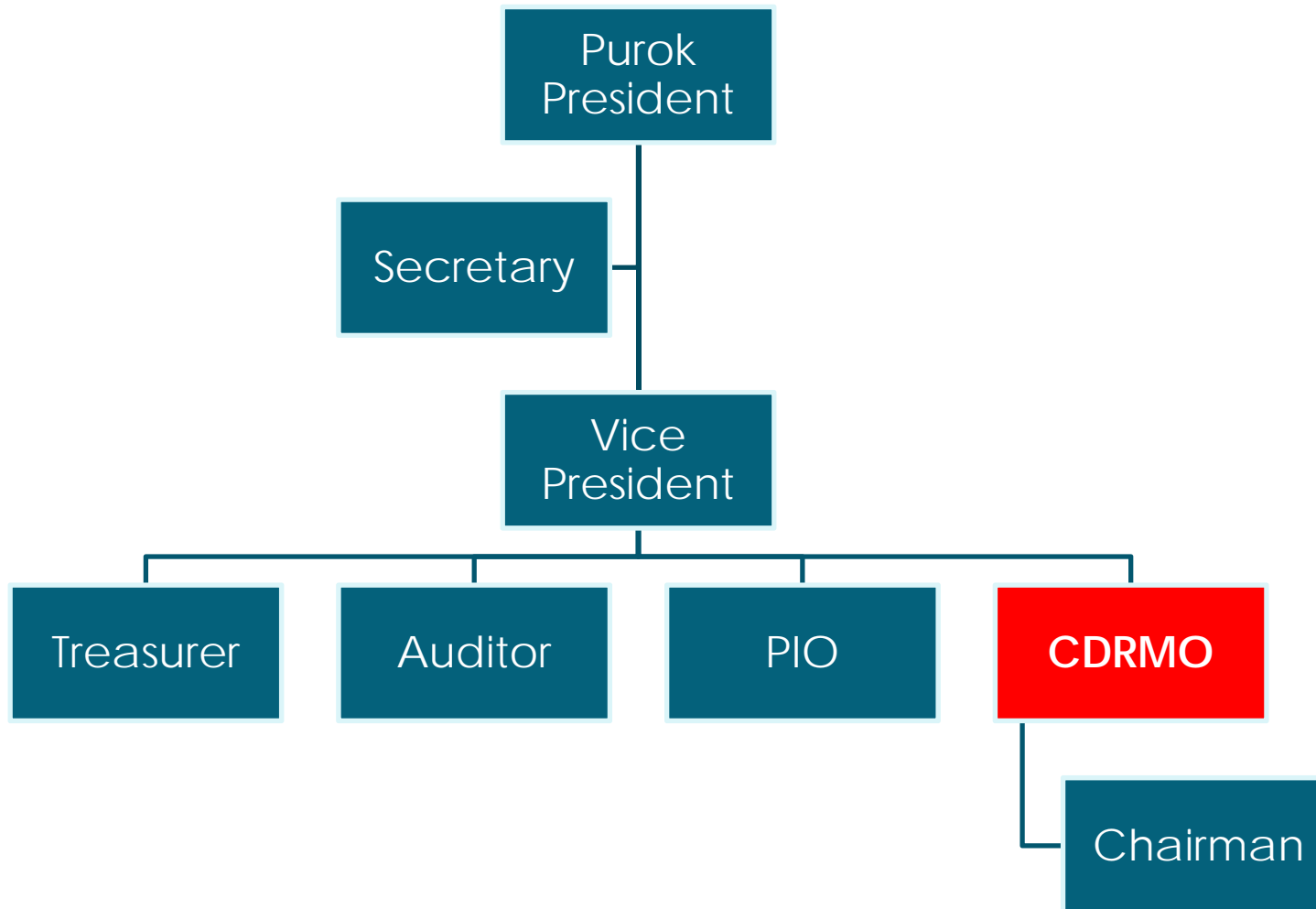
Output of Strengthening Workshop



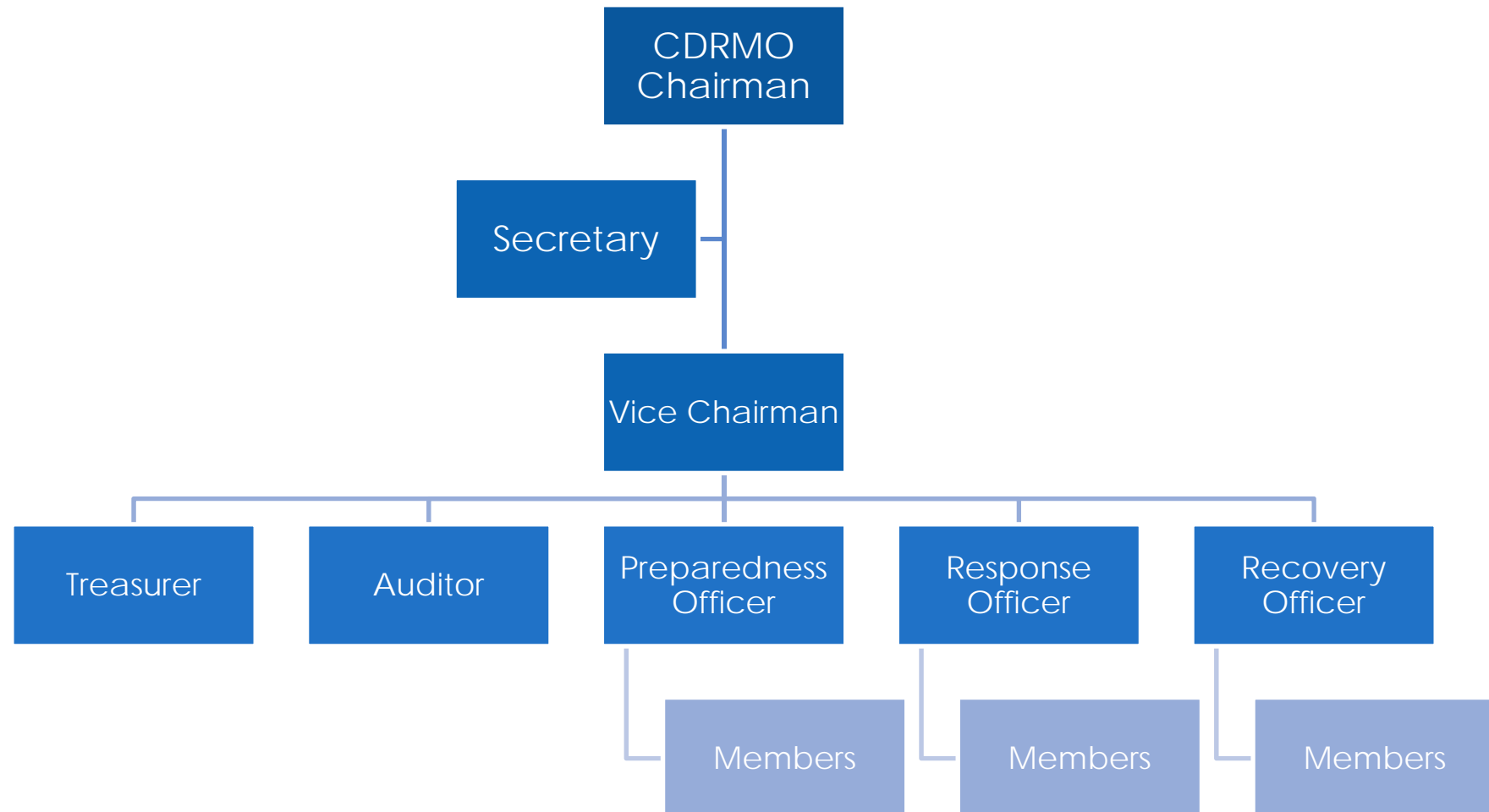


Barangay Disaster Risk Reduction and Management Committee

Community Level



Community Level



3. Systemized Plans

- City Level



Contingency Plans



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DRR Technical Working Group



- In collaboration with the DRR TWG, we will help the City institutionalized its:
 - City DRRM Plan
 - Communication and Information Management Protocols (Incident Command System)

DRR Technical Working Group

- Barangay Level
 - Conduct workshops to draft:
 - Barangay DRRM Plans
 - Contingency Plans
 - Communication and Information Management Protocols

Lessons Learned

- **WIP project**
- **What worked well (NGO's perspectives)**
 - Communities actively participate because:
 - the workshops are something new to them
 - they have experienced and able to relate to actual scenarios
 - Program is timely
 - Support from the government authorities and private sector
 - DRR Technical Working Group (collaboration)
- **What are the challenges**
 - Sustainability issue
 - Underlying social vulnerabilities (poverty, education, land ownership, etc)
 - Priority on DRR at the local level
 - Financial support to local CSOs on implementation of DRR projects

THE END