



**NDRRMC**

*Proactive*

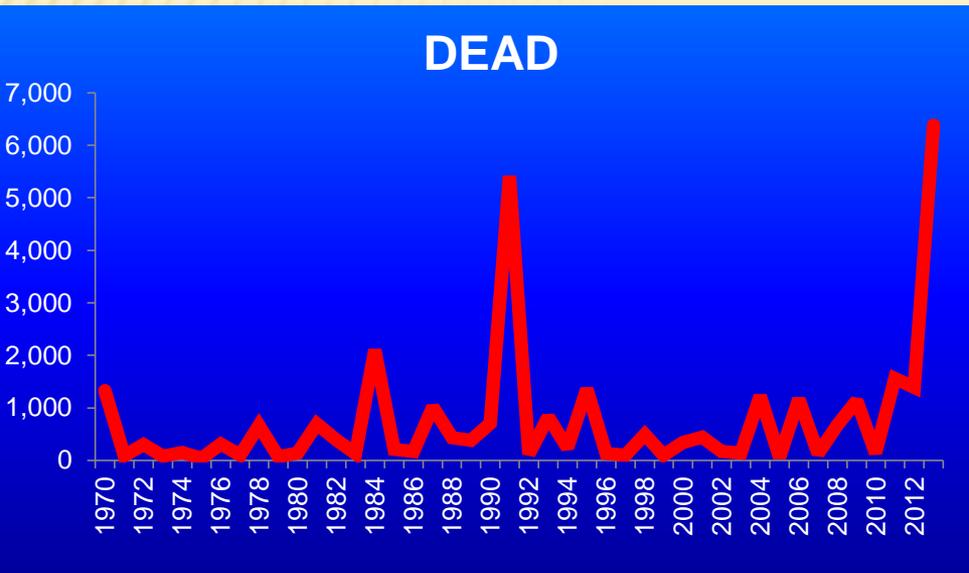
# Philippine DRRM System and Initiatives under the **Four (4) Thematic Areas**

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**Chief, NDRRM Service and Head Secretariat**  
**Office of Civil Defense-NDRRMC**

# SCOPE OF PRESENTATION

- I. Disaster Impacts on Health**
- II. Phil. DRRM Legal Bases**
- III. Four (4) Thematic Areas  
Initiatives and Current Efforts**
- IV. Areas for Cooperation**

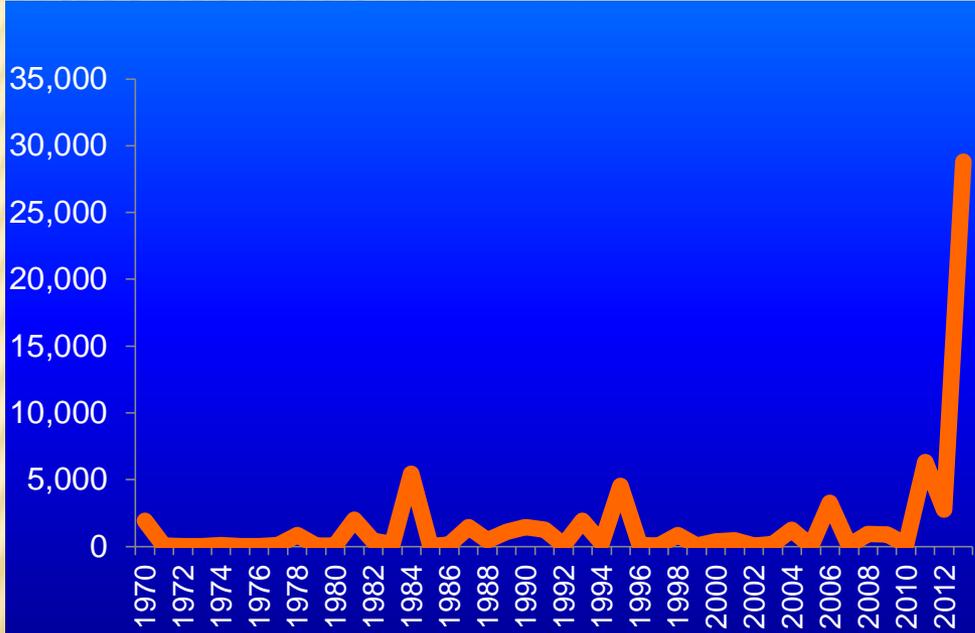
# DEATHS AND INJURED CAUSED BY TROPICAL CYCLONES 1970-2013



•Number of deaths due to tropical cyclones peaked in 2010-2013. Within these years, Tropical Storm Sendong (2011), and Typhoons Pablo (2012) and Yolanda (2013) ravaged the country, claiming 1,268, 1,248, and 6,300 lives respectively.



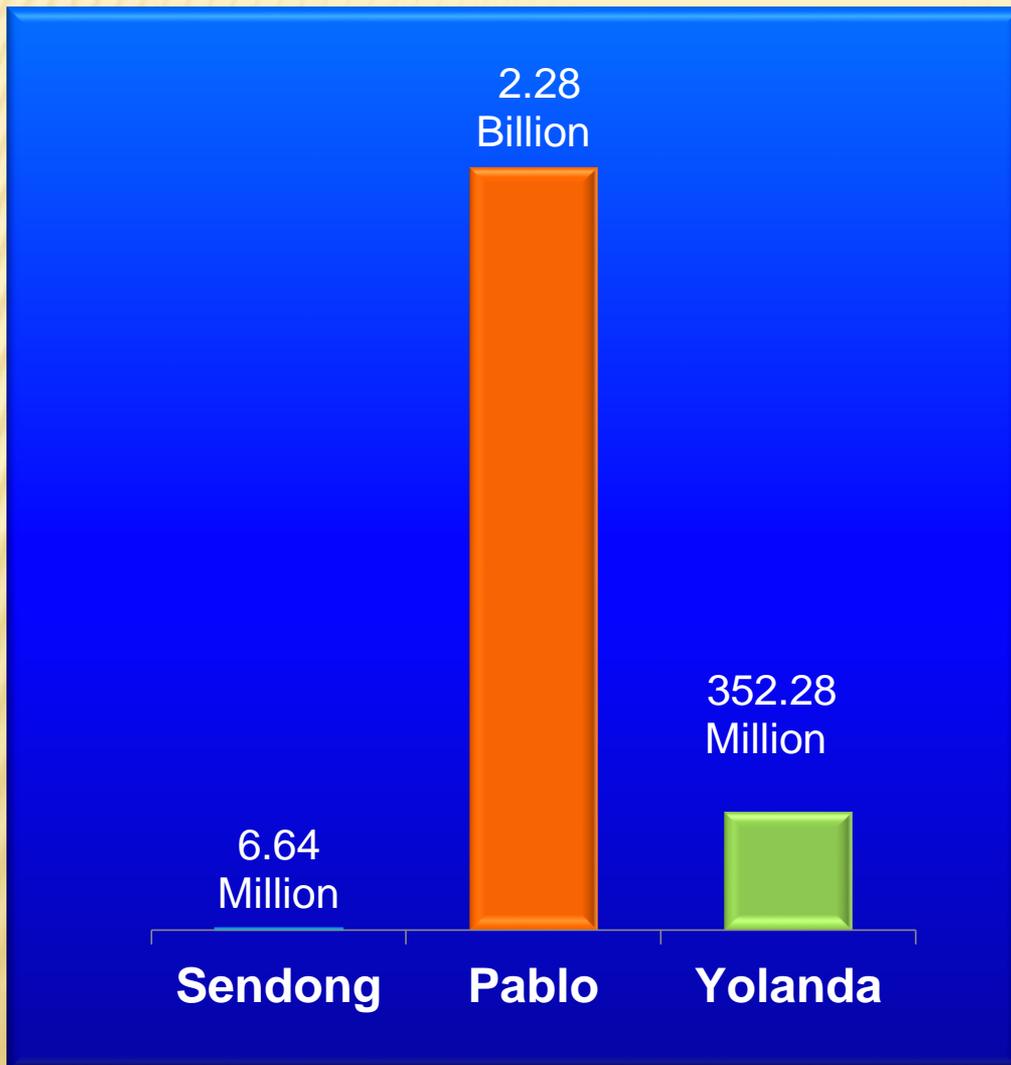
# INJURED PERSONS CAUSED BY TROPICAL CYCLONES 1970-2013



•Number of injured persons peaked in 2010-2013, registering a total of **37,988**. Typhoon Yolanda injured **28,689** persons followed by Tropical Storm Sendong with **6,071** injured persons.



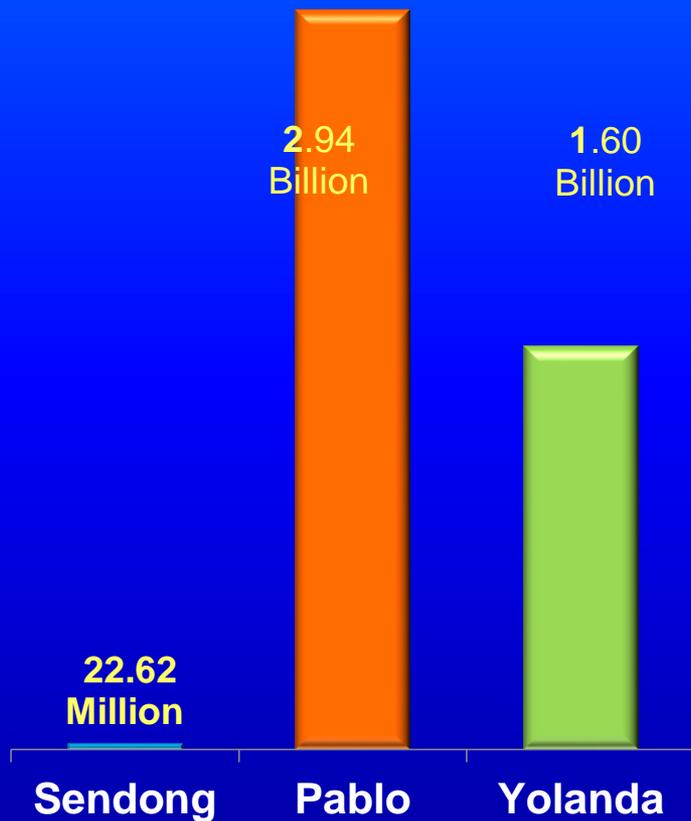
# COST OF DAMAGED HEALTH INFRASTRUCTURES (PDNA)



Tropical Cyclone	Percentage against the total cost of damages
Sendong	0.12%
Pablo	5.68%
Yolanda	0.39%



# COST OF RECOVERY AND REHABILITATION (PDNA)



Tropical Cyclone	Percentage against the total cost of recovery and rehabilitation
Sendong	0.08%
Pablo	9.47%
Yolanda	1.53%



•Cateel Municipal Hospital

# HEALTH IMPACT – TY YOLANDA



# Health Impact

CASUALTIES	TOTAL
<b>DEAD</b>	<b>6,300</b>
<b>INJURED</b>	<b>28,689</b>
<b>MISSING</b>	<b>1,061</b>

*SOURCE: NDRRMC UPDATE RE EFFECTS OF TY YOLANDA,  
17 APRIL 2014*

# Health Impacts



- Sense of Trauma
  - ❑ Psycho-Social Distress (*including fear and changes in behavior such as sadness, crying and other exaggerated emotions*)
  - ❑ Roughly 40% of households report feeling insecure; children and young people remain profoundly affected by what they experienced during the typhoon
- Delay in the provision of medical assistance
  - ❑ A large number of injured people who live in remote areas were not accessible
  - ❑ Local hospitals were not functional in the affected areas due to destruction

# Health Impact

- According to the Multi-Cluster Needs Assessment (MCNA) conducted in December 2013:
  - 67% women
  - 34 % men
- ☐ Women have high risk of physical injuries compared to men
- NDRRMC has no data on PWDs caused by Typhoon Yolanda

# TY Yolanda Post Disaster and Needs Assessment Health Sub-Sector



# PDNA – Health Sub-sector Infrastructure

- PDANA report reflected a total of:
  - Php 352M damages on the hospitals and health facilities
  - Php 38.7M losses that was provided by DOH to augment the repair of health infrastructure
  - Php 1.602B is the need for reconstruction and restoration of services

# PDNA – Health Sub-sector

## Social Sector

- PDANA report reflected a total of:
  - Php 367M damages on the medical equipment, medical supplies, furniture and office equipment
  - Php 145.6M losses is the unexpected expenses in providing immediate medical requirements (cleaning of dirt and removal of debris)
  - Php 546M is the need to normalize the health-related services

# Legal Basis, Framework and Plan

S. No. 3086  
H. No. 6985

Republic of the Philippines  
Congress of the Philippines  
Metro Manila

Fourteenth Congress

Third Regular Session

Begun and held in Metro Manila, on Monday, the twenty-seventh day of July, two thousand nine.

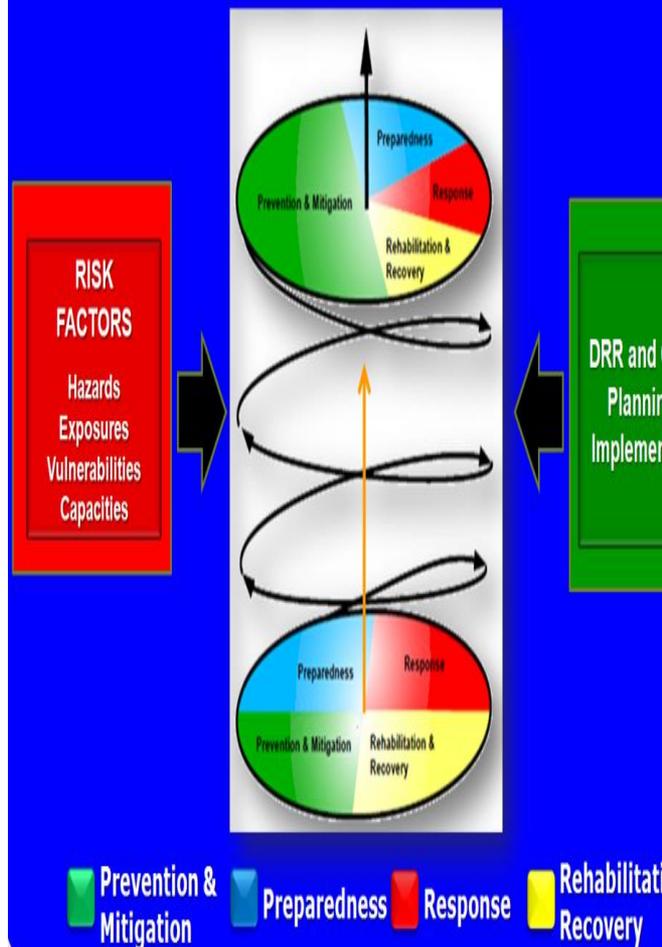
[ REPUBLIC ACT NO. 10121 ]

AN ACT STRENGTHENING THE PHILIPPINE DISASTER RISK REDUCTION AND MANAGEMENT SYSTEM, PROVIDING FOR THE NATIONAL DISASTER RISK REDUCTION AND MANAGEMENT FRAMEWORK AND INSTITUTIONALIZING THE NATIONAL DISASTER RISK REDUCTION AND MANAGEMENT PLAN, APPROPRIATING FUNDS THEREFOR AND FOR OTHER PURPOSES

Be it enacted by the Senate and House of Representatives of the Philippines in Congress assembled:

SECTION 1. *Title.* – This Act shall be known as the “Philippine Disaster Risk Reduction and Management Act of 2010”.

Safer, adaptive and resilient Filipino communities toward sustainable development



NATIONAL  
DISASTER  
RISK  
REDUCTION and  
MANAGEMENT  
PLAN

2011-2028



# Paradigm Shift

## PD 1566

Top-down and centralized disaster management

Disasters as merely a function of physical hazards

Focus on disaster response and anticipation

## RA 10121

Bottom-up and participatory disaster risk reduction

Disaster mainly a reflection of people's vulnerability

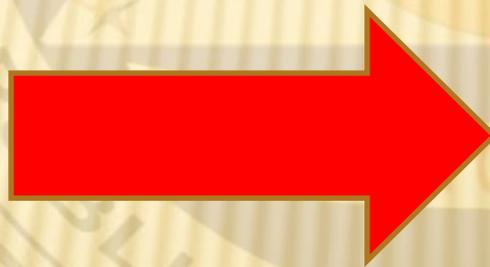
Integrated approach to genuine social and human development to reduce disaster risk

# INSTITUTIONALIZING DRRM

RA 10121 transformed the PDRRMS from  
Disaster Relief and Response  
towards  
Disaster Risk Reduction and Management



**National Disaster  
Coordinating Council**



**National Disaster Risk Reduction and  
Management Council**

# NDRRMC ORGANIZATIONAL STRUCTURE

**Chairperson**  
**Secretary of National Defense**

**Vice Chairperson**  
**Sec. DOST**  
Disaster Prev. & Mitigation

**Vice Chairperson**  
**Sec. DILG**  
Disaster Preparedness

**Vice Chairperson**  
**Sec. DSWD**  
Disaster Response

**Vice Chairperson**  
**Sec. NEDA**  
Disaster Rehab & Recovery

14 Line  
Departments

11 Other Gov't  
Agencies

2 Gov't  
Financial Inst.

1 Quasi-Gov't  
Agency

4 Leagues & 1  
Union of LGUs

4 Civil Society  
Orgs.

1 Private Org.

OCD, Administrator  
Exec. Dir. NDRRMC

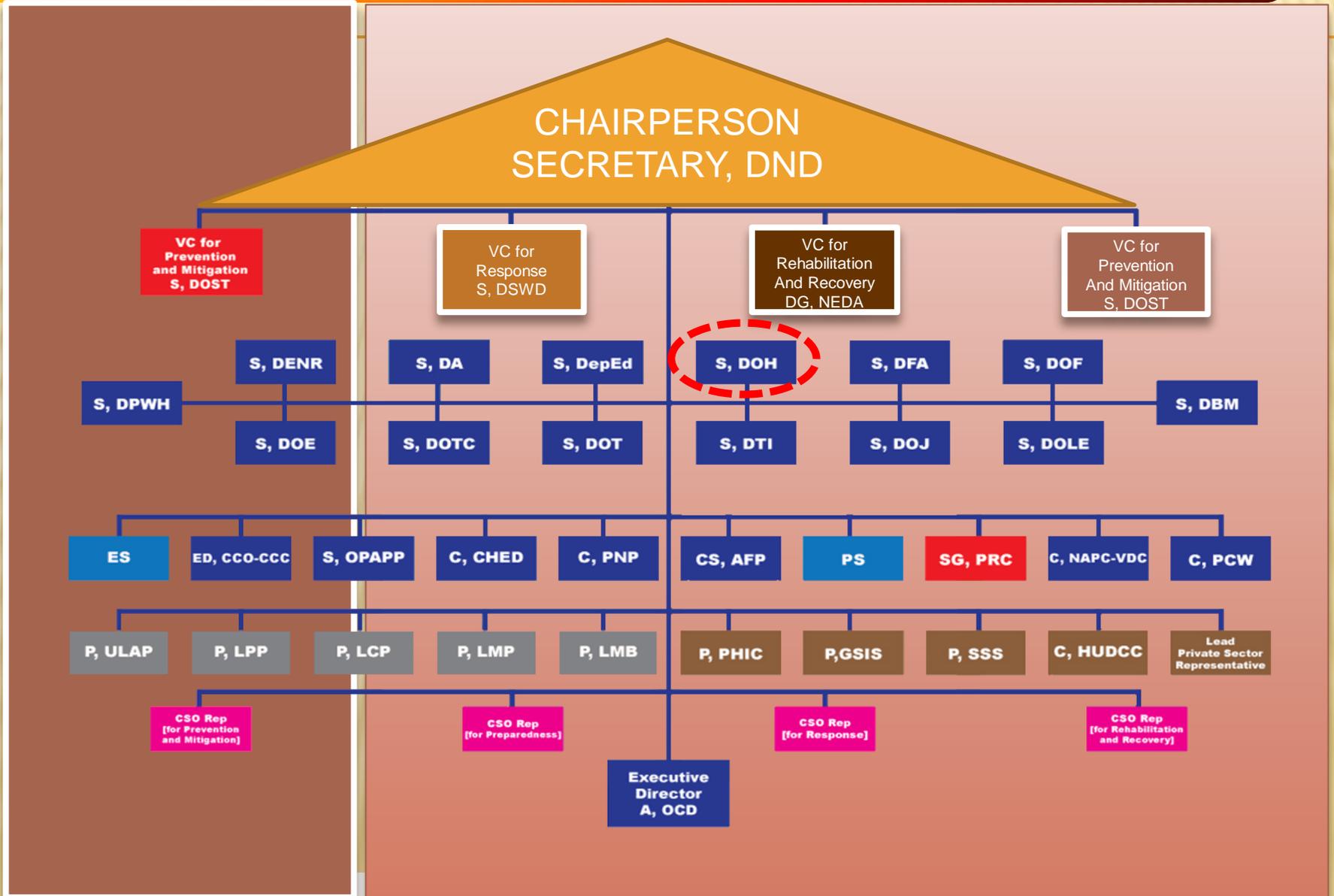
 **Prevention & Mitigation**

 **Preparedness**

 **Response**

 **Rehabilitation & Recovery**

# NDRRMC ORGANIZATION



# DRRM Council Networks



**National Disaster Risk Reduction and Management Council**

**17 Regional Disaster Risk Reduction and Management Councils**

**81 Provincial Disaster Risk Reduction and Management Councils**

**144 City Disaster Risk Reduction and Management Councils**

**1, 490 Municipal Disaster Risk Reduction and Management Councils**

**42,027 Barangay Disaster Risk Reduction and Management Committees**

# **LDRRMC Composition**

## **(Provincial/City/Municipality)**

### **Sec. 11 RA 10121**

**Chairperson** : **Local Chief Executives**

**Members** : **Eighteen (18) Member Agencies**

### **Barangay Level**

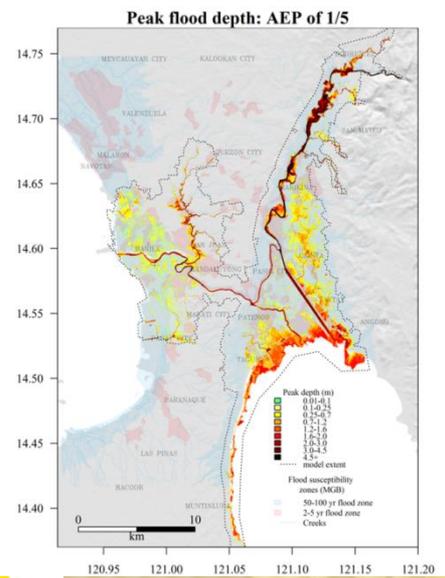
**(Barangay Disaster Risk Reduction & Mgmt Committee under the Bgry. Development Council)**

**Chairperson** : **Punong Barangay**

**Members** : **Barangay DRRM Committee**



**TOWARDS A  
READY, SAFE,  
RESILIENT & GREATER  
METRO MANILA**

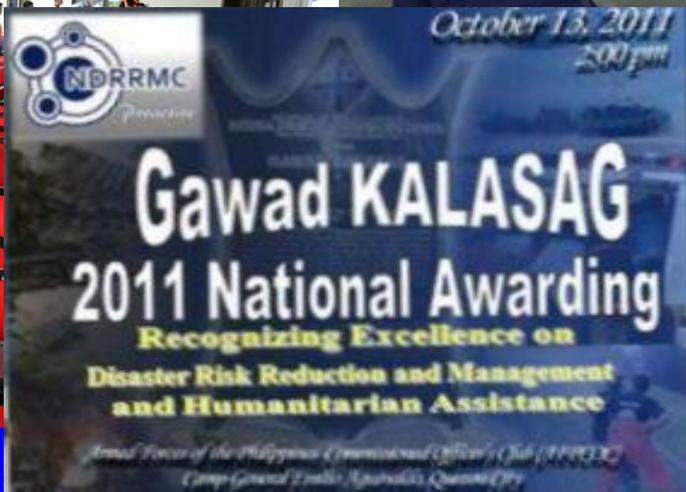


# **DRRM INITIATIVES**



# PREVENTION, MITIGATION AND PREPAREDNESS

- Enhancement and implementation of Flood Control Projects
- Strengthening of EWS
- Pre-Disaster Risk Assessment (PDRA)
- DRRM Trainings, IEC, NDCM
- Contingency Planning
- Functional DRRM Offices
- MOUs/MOAs for Effective Partnership



# DISASTER PREVENTION AND MITIGATION

## SMART InfoBoard

Integrating all major telecommunications companies in the country in the use of organizational advisory and warning system within the institution.

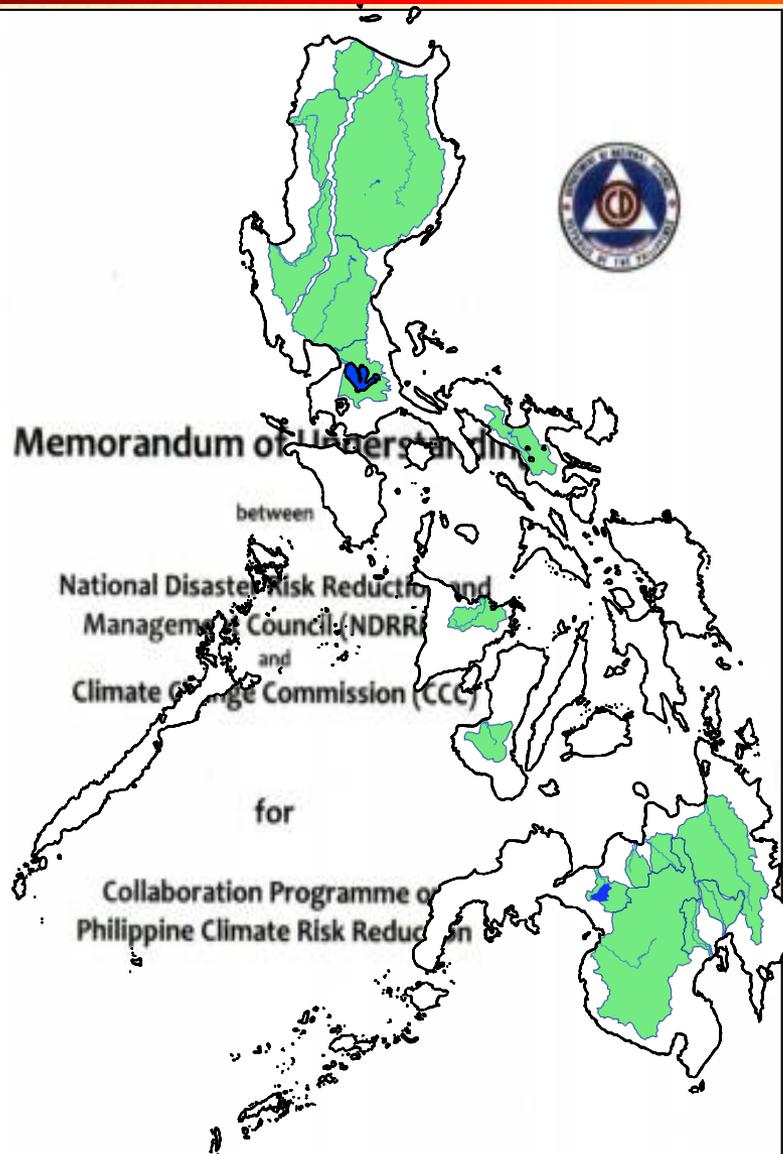
the INFOBOARD



## Batingaw Apps

Increase public awareness on the fundamentals of Disaster Risk Reduction and areas for information-sharing that can be incorporated in actions needed to future emergencies.

# CLIMATE CHANGE ADAPTATION AND MITIGATION CLUSTER



Cagayan River Basin  
Mindanao River Basin  
Agusan River Basin  
Pampanga River Basin  
Agno River Basin  
Abra River Basin  
Pasig-Laguna River Basin  
Bicol River Basin  
Abulog River Basin  
Tagum (Saug)-Libuganon  
Ilog-Hilabangan  
Panay River Basin  
Tagoloan River Basin  
Agus River Basin  
Davao River Basin  
Cagayan de Oro River Basin  
Jalaur River Basin  
Buayan-Malungun

# Response

- Search, rescue & retrieval operations
- Humanitarian aid, relief and health services
- Provision for temporary shelter, water, sanitation & hygiene
- Financial assistance to calamity victims
- Management of evacuation centers
- Preparation of Nat'l Disaster Response Plan



# Response Operations

## Map of Logistics Activity



**“ONE STOP SHOP”**

12 No



Legend:

OSS Facility



Drop-off points



**CEBU HUB**

# Rehabilitation and Recovery

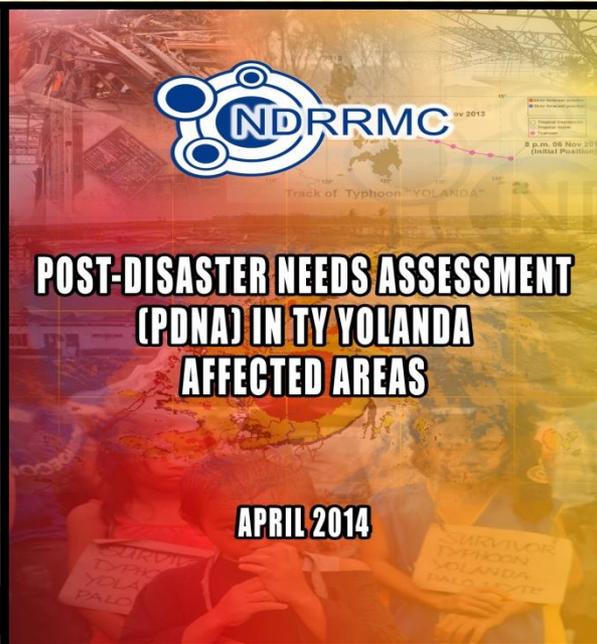


- Timely and speedy recovery & rehabilitation
- Reconstruction of damaged houses & buildings
- Safer Resettlement
- Provision for livelihood
- Restoration & improvement of destroyed facilities



# Rehabilitation & Recovery

- Formulation of Reconstruction Assistance on Yolanda (RAY1)
- Conduct of Post Disaster Needs Assessment (PDNA)
- Creation of the Office of the Presidential Adviser on Recovery and



# PPP IN DISASTER REHABILITATION AND RECOVERY

Education



Health/Nutrition



Housing



Livelihood



Others



# RESILIENCE

is the ability of a system, community or society exposed to hazards **to resist, absorb, accommodate and recover** from the effects of a hazard in a timely and efficient manner

(Source: RA 10121)



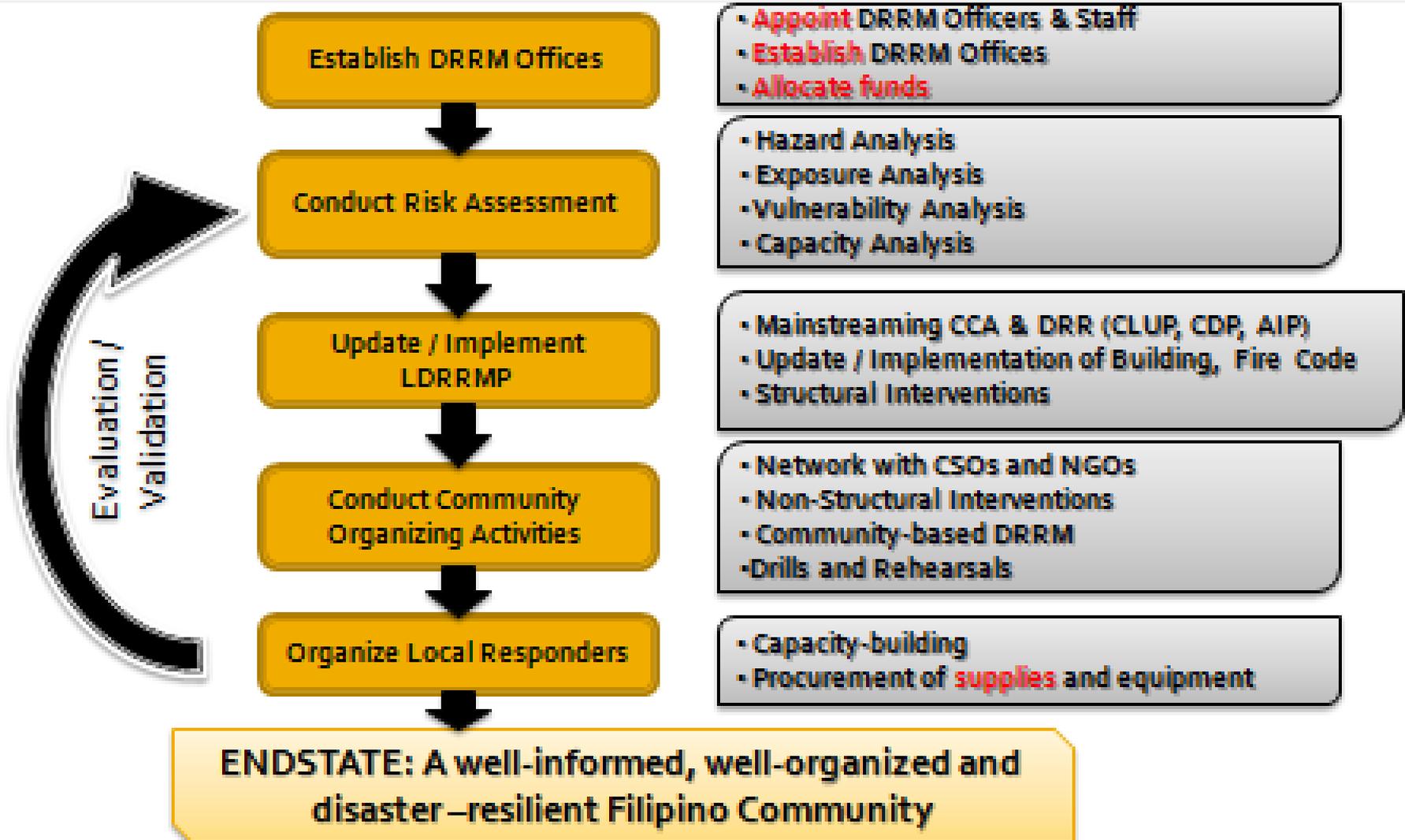
# Disaster Preparedness

- ✘ Risk awareness and understanding and how to prepare for them
- ✘ DRRM and CCA capacities of DRRM councils and offices and operations centers
- ✘ Local disaster preparedness and response policies, plans and systems
- ✘ Partnerships

# Disaster Response

- ✘ Need of well-established, known and standardized set of systems, procedures and policies during the disaster response and relief operations
- ✘ Improve on an integrated and coordinated Search, Rescue and Retrieval system

# DRR Operational Framework



# What can we do?

GET INVOLVED

BE PROACTIVE

COORDINATE

IMPLEMENT



**Thank you very much!**

Visit us @ [www.ndrrmc.gov.ph](http://www.ndrrmc.gov.ph)

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