



Our goal is to power inclusive business continuity and community resilience.

We partner with government and civil society to accomplish this.





- Top companies formed CNDR in 1990 and assisted in emergency response and recovery efforts after the Baguio earthquake.



Human Energy™



Globe



JPMORGAN CHASE & Co.

Luis Yulo Foundation  
for Sustainable  
Development



# CNDR

CORPORATE NETWORK  
FOR DISASTER RESPONSE



Trusted Quality Healthcare

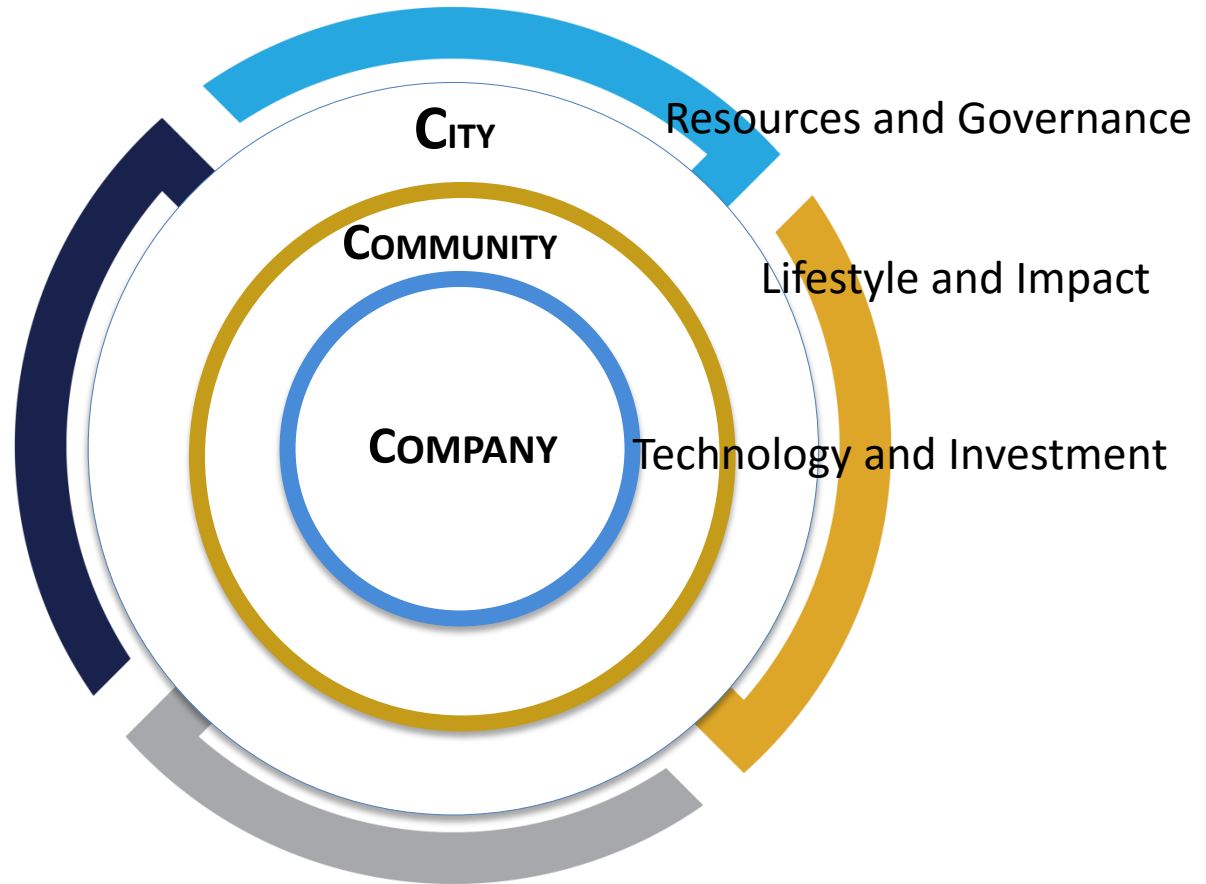


# NDRRMC Council Member Representing the Private Sector



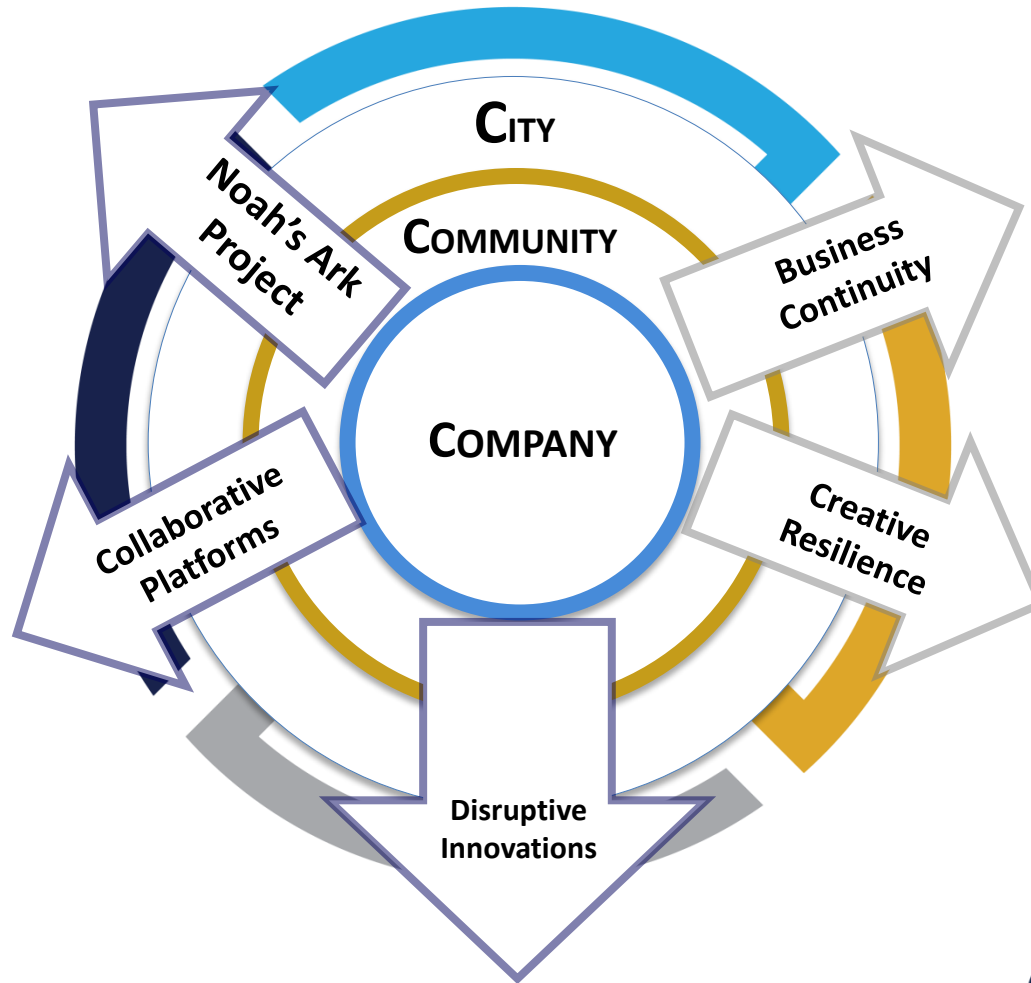


*Resilient Companies Communities and Cities*  
*RC3*



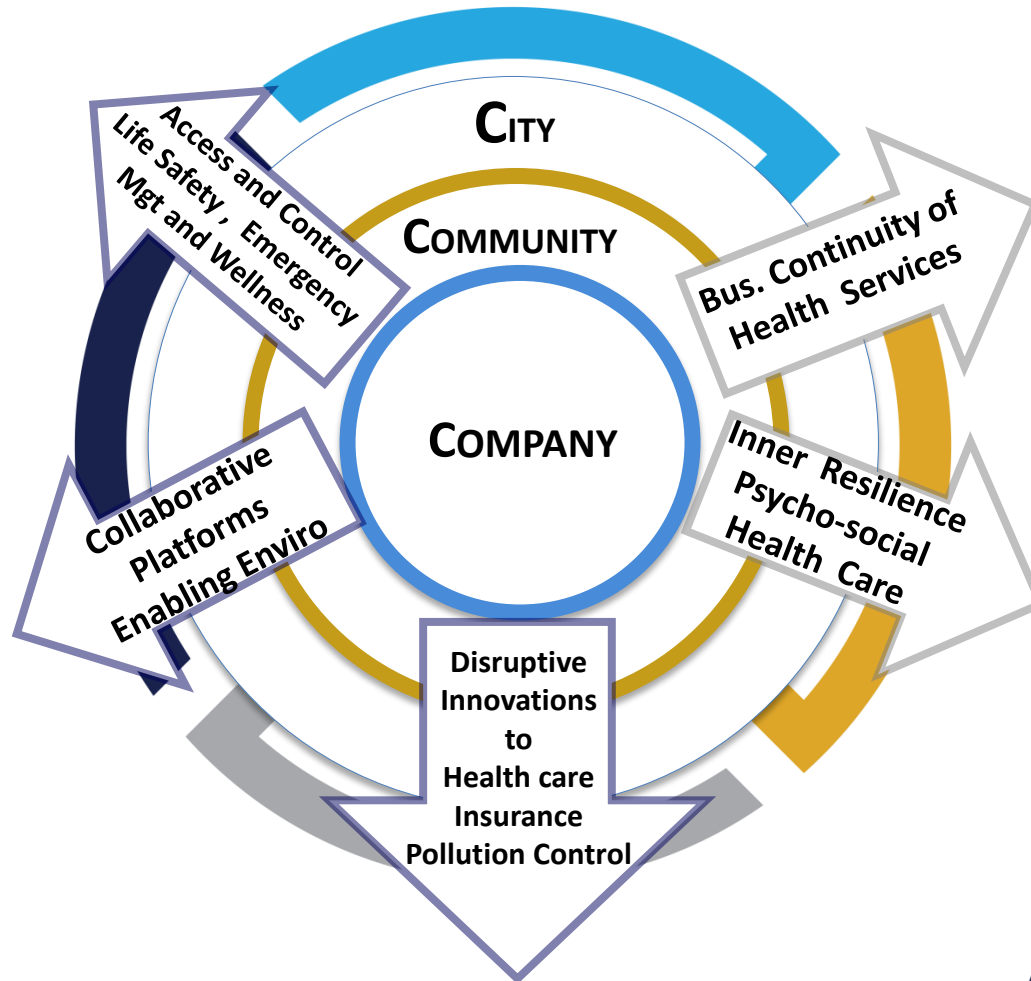
**We help build resilient Companies, Communities and Cities  
(RC3)**

# We help build resilient Companies, Communities and Cities (RC3)





# Health Agenda Notes for Disaster Resilient Companies, Communities and Cities (RC3)



# Mental health care and psycho-social support

- Ways to increase physical, emotional and psychological resilience before, during and after a disaster
- Some studies show an increase in mental health problems caused by trauma / depression esp in provinces that were hit by major disasters. They were left with a lot of undetected / untreated mental health dilemmas after the disaster.

# Local capacity building

- Capacity building on pre, on-going and post disaster medical care and support
- Building personal and family resilience through health care (preventive, curative) services

# Information and Research

- Medical status and resources scanning (i.e., hospitals, clinics, infirmaries, medical personnel) to create databank
- Increase availability and accessibility of researches or information by the private sector
- Role of information technology and social media in health research for DRR

# Private sector role and service continuity management

- Private sector role in health in emergencies
- Health service continuity management
- Health care supply chain management during emergencies

# Disaster Response Teams and Supplies

- Depending on magnitude of disaster, a team of medical experts with complete supplies are needed to be able to respond immediately. As they come they should be armed with necessary supplies, medicines and equipment.
- Response should not be an overnight “medical mission”. There are cases that would only come out after a week or so. Wounds / surgeries should be checked regularly for infection, skin infections manifest at a later time, including other diseases.

# Evacuation Centers

- Sufficient, safe and appropriate evacuation centers with ample provision of space for medical management, water and sanitation
- Cramped spaces would lead to infections.
- Ventilation should be a major consideration in choice and layout of space.
- A space for pregnant women and lactating mothers, PWDs, children and elderly that meet their specific needs

# Nutrition and water

- Access to sufficient nutrition and clean drinking water
- Nutrition plays a critical role to ensure that high risk communities have strong immunity to diseases. Often, people look to medicines and ready-to-eat foods as disaster must-haves.
- Quality and standard of relief food packs, their storage and distribution, specially those issued by government, needs review, regulation and monitoring.



# Logistics

- Logistics is very important in transporting health professionals, medicines and supplies at the soonest possible time, including transport of critical cases (land, sea and air) to other areas for immediate critical medical care. This is more important in hard to reach areas.
- Good communication system is a must for on-point assessment of the situation, needs and areas that need response. This will ensure efficient mobilization of resources and time management



# CNDR CENTER FOR PRACTICAL BUSINESS CONTINUITY MANAGEMENT

The business continuity management program aims to help business gain the capacity to maintain connectivity, continuity and resiliency before, during and after a disruptive event.



# Key Courses

## 1 Day

- ISO 22301:2012 BCM System (ISO)
- Business Continuity Management (BCM1)
- Business Impact Analysis (BIA1)
- Business Continuity Planning (BCP1)
- BC Plan Testing and Auditing (BTA1)
- Risks Analysis and Risks Treatment Planning (RTP)
- Establishing BCP & Emergency Mgt Teams (EMT)
- Emergency and Hazards Management (EHM)
- Crisis & Crisis Communications Mgt. (CCM)
- IT-Disaster Recovery Planning (DRP)

## 4 Days

- Establishing Business Continuity Management Program (BCM2)
- Conducting Business Impact Analysis(BIA2)
- Creating Business Continuity Plan (BCP2)
- Exercising, Testing and Auditing BC Plans (BTA2)

Protect your assets through  
**PRACTICAL  
BUSINESS  
CONTINUITY  
MANAGEMENT**



**CNDR**  
CORPORATE NETWORK  
FOR DISASTER RESPONSE

**Preparedness Is Our Advocacy.**

# BCM Master Class and Crisis Management Course



On March 10, 12 to 14, CNDR with BCM Institute Singapore simultaneously held a Master Class on Business Continuity Management and a course on Crisis Management. Representatives from Telecommunications, Energy, IT, Banking and Finance, and Manufacturing sectors enrolled in the said courses. Individual practitioners also enlisted for the BCM Master Class. The courses offered were part of the World Continuity Congress Week.





## World Continuity Congress

March 11, 2014 - Around 100 delegates from various sectors and industries attended the WCC in Manila. With the theme "Post-Yolanda Lessons: Learning and Defining the Future of Business Continuity Management," participants learned of the different strategies that industry leaders employ when dealing with crisis/disaster.





# Resilient Cities

## LGU BUSINESS CONTINUITY MANAGEMENT





# Business and the Big One



**July 14, 2015. 250 representatives of 80 companies.  
The Valley Fault System, a 7.2 magnitude earthquake, and, its impact  
to cities and businesses. How do we prepare?**

# THE QUADRANT INITIATIVE (TQI)



Area-focused disaster preparedness initiative among collaborating companies . An imagined scenario of 7.2 magnitude earthquake occurring along the West Valley Fault would likely separate Metro Manila and outlying regions into quadrants.







# THE QUADRANT INITIATIVE (TQI)

Mapping out the company offices and other facilities in each quadrant of the Valley Fault System



# TQI Convener Group of North Quadrant





A capacity building technology and  
collaborative platform for  
zero casualty disaster preparedness



# Project Components

1. Stakeholder Orientation and Preliminary Site Assessment
2. Community Risk Assessment (CRA)
3. Training of Trainers and Managers (TOTM)
4. Community-Based Disaster Risk Management
5. Camp Coordination and Camp management
6. Drill Planning and Tabletop Exercise
7. Early Warning and Evacuation Drill
8. Exit Planning and Turnover of Operations Manual

**Creative Workshop: Rediscovering Inner Capacities**

**Wholeness and Safety**





# noah's ark project



## Locations

21 barangays in  
10 cities and  
3 towns in  
10 provinces

### Zero-casualty disaster preparedness capacity building

- of LGUs with high risk communities
- at the barangay and municipal or city levels
- 8-month intensive process
- implemented since 2010

### A partnership platform for strategic resilience

- inclusive development of localities
- among private sector, government, civil society, thought leaders, and experts.

REPUBLIKA NG PILIPINAS  
LUNGSOD NG MARIKINA

**BARANGAY DISASTER RISK  
MANAGEMENT MANUAL**  
Setyembre – Disyembre 2010

BARANGAY DISASTER RISK REDUCTION  
AND MANAGEMENT COMMITTEE  
Barangay MALANDAY

Metro Manila  
Rizal  
Masbate  
Cebu  
Eastern Samar  
Sarangani  
Negros Occ.  
Negros Or.  
Misamis Or.  
Lanao Norte



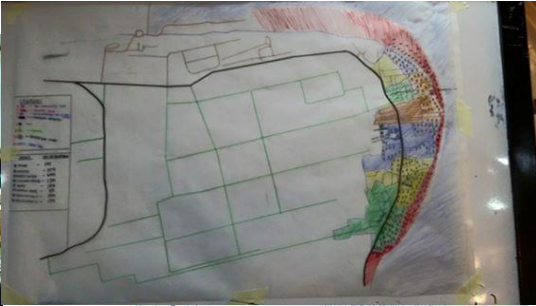
# Stakeholder Orientation and Preliminary Site Assessment



Storm surge prone area in Bolusao and landslide prone area in Maslog, Lawaan, Eastern Samar



# Stakeholder Orientation and Preliminary Site Assessment

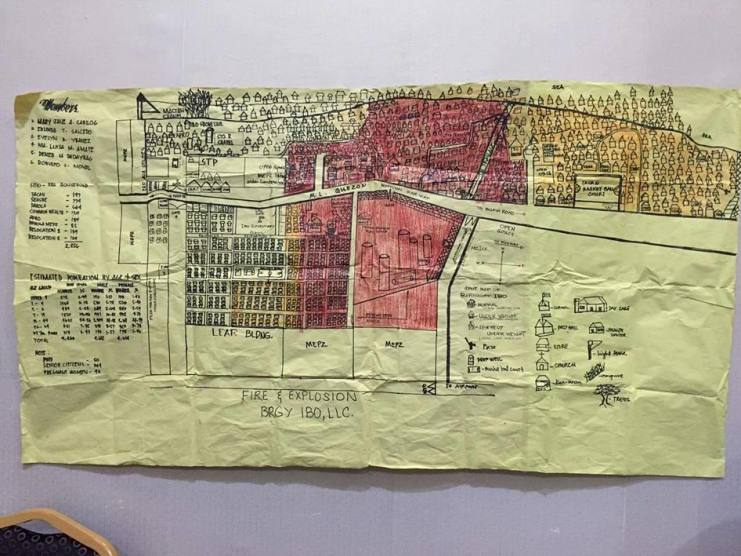
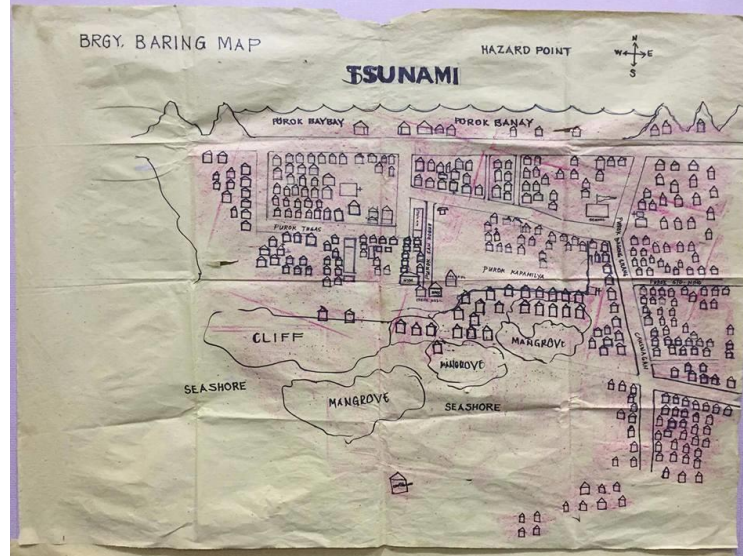
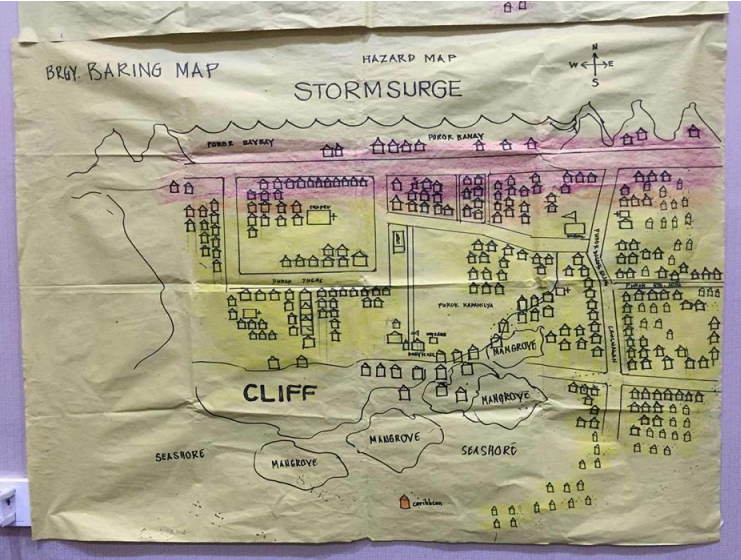
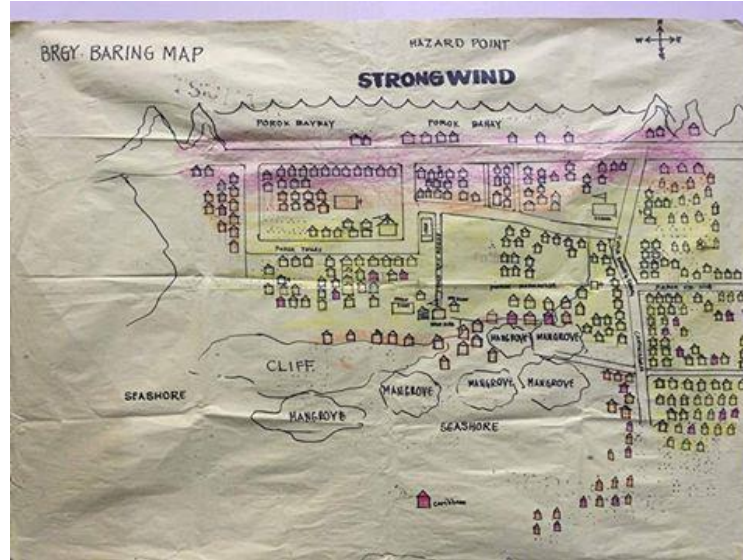


# Community Risk Assessment





# Sample of CRA Maps



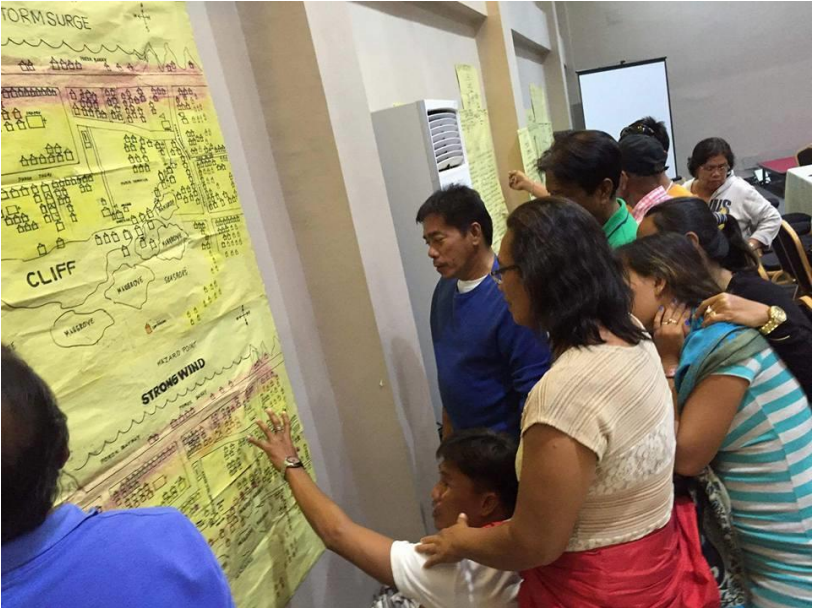
# Training of Trainers



# Community Based Disaster Risk Management (CBDRM)



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# Community Based Disaster Risk Management (CBDRM)



### EVACUATION PLAN

Name of Sitio	Barangay Household Population			Evacuation Center Plan A			Population w/out safe Evacuation Center	Evacuation Center Plan B	
	TOTAL	Vulnerable	SAFE	Evacuation Center	Capacity	Families Accommodated		Evacuation Center	Capacity
		Fire & Explosion							
Apro	189	0	189	Gate 4	100	85			
Relocation 1&2	268	0	268	Near EMD	2000	1,585			
Parola MEPZ	85	85	0	East Asia	200	129			
Tacan	774	374	400						
Seaside	664	664	0						
Parola MCI AA	147	147	0						
Commonwealth	129	129	0						

### Brgy IBO - RELIEF

FOR Strong Wind

APRO		Commonwealth	PAROLA MCI AA	PAROLA MEPZ	SEASIDE	Relocation 1	Relocation 2	TACAN
ARNOLD MACASAL	ROSITA ICDT	ROSITA ICDT	RONIE BONTIGAB	LIZ JOMBAS	ELVIE MASAPICORN	ROSSA MARAON	YANER SEVO	CITA BOLAMBAD

SITIOS

BEFORE	DURING	AFTER
<ol style="list-style-type: none"> <li>ASK BRGY. Chairman for the release of budget</li> <li>Call for a meeting w/ team Leaders of what are the things needed to buy for RELIEFS.</li> <li>HAVE A stockpile, and members will do the repacking of goods.</li> <li>Assign members to have head counts for distribution of Relief goods</li> </ol>	<ol style="list-style-type: none"> <li>INQUIRE info. from INCIDENT command post.</li> <li>Coordinate with vehicle DRIVER for the TRANSPORT of Relief goods to evacuation center.</li> <li>ALL members will do the distribution of Relief goods.</li> <li>cook easy to prepare foods like Lugao, pansit &amp; munggo for evacuees.</li> </ol>	<ol style="list-style-type: none"> <li>(HAVE) CALL FOR A meeting of council for declaration of STATE OF CALAMITY.</li> <li>MAKE LIQUIDATION OF EXPENSES DURING CALAMITY</li> <li>MAKE INVENTORY of all the EXCESS Relief goods &amp; turn over to brgy.</li> <li>SUBMIT REPORTS to BRGY. CHAIRMAN &amp; to LLC RISK Reduction OFFICER.</li> </ol>

### BRGY IBO - RELIEF

FIRE and Explosion

### Barangay Disaster Risk Reduction & Management Fund Plan (Jan-1- December 31, 2017)

Barangay IBO (70%)

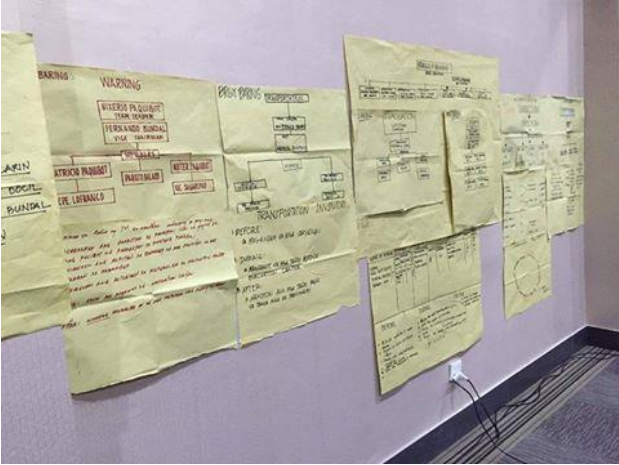
Program/Project/Activity	Implementing Office	Funding Source	Amount of Appropriation		
			MOOE	CO	Total
1) Trainings & Seminar	Barangay	BDRRM	₱ 50,228.35		₱ 50,228.35
2) Life Saving Eq.	- do -	- do -	200,000.00	60,000.00	260,000.00
3) Medicines	- do -	- do -	60,000.00		60,000.00
4) Insurance	- do -	- do -	40,000.00		40,000.00
Sub-Total					₱ 350,228.35

### Sample Financial Plan (30%) 2017 (1927)

Activities	CO	MOOE	TOTAL
1) Relief	60,000.00	60,000.00	120,000.00
2) Relief/food commodities	30,000.00	30,000.00	60,000.00
3) medicines	3,000.00	3,000.00	6,000.00
4) Other relief support services	10,000.00	10,000.00	20,000.00
5) Fuels & lubricants	3,000.00	2,000.00	5,000.00
6) Emergency communication system	2,000.00	2,000.00	4,000.00
7) Communication contact	2,000.00	2,000.00	4,000.00
8) Other MOOE			
Sub-Total			150,000.00

# Community Based Disaster Risk Management (CBDRM)



# Structures for Community Participation

### 3. Alfredo Daño

- 57 years old
  - He is married without any children.
  - He is an electrician.
  - It is his first time to attend this Creative Workshop and he liked it very much.
- "I think this kind of creative workshop is very important because it helps us to know ourselves better."

### 4. Virginia Paquibot

- 67 years old
- widow
- unemployed
- "The creative workshop helped me realize that even at my age, I can still have
- the strength to go through my problems."
- "As a part of the elders in my community, I can help others by inspiring them."



### 5. Arcenita Tolentino



- 44 years old
- Business owner (small variety store)
- Her house is situated very close to the beach and can be directly hit by strong winds or storm surge.
- She fears for their lives and their small-scale business, which is their source of income.
- "The workshop helped me to have internal preparedness."
- She is willing to teach others in her community.

### 6. Methodia Wagwag



- 67 years old
- PWD, suffering from goiter (her neck enlarged)
- She has been suffering from this con for about thirty years.
- She refuses to seek for medical attention because she is really scared.
- With her medical condition, it is very difficult for her to move around.
- "With this workshop, it helped me realize that I have an inner strength that will help me overcome my disability."

### 8. Samerita Daño

- 32 years old
- utility worker at the barangay hall
- "I learned a lot from the workshop. It helped me feel better because I was able to release all the negative feelings in the past."
- "I want to learn as much as I can so I can teach others in my community."

### 7. Wilma Timkang

- 30 years old
- housewife
- mother to two boys
- Financially challenged
- She is a stay-at-home-mom
- She intends to share with her children everything that she has learned from the workshop.



## Infographics on Selected Creative Workshop Participants Barangay Baring, Olango Island / July 2, 2016

### 1. Christine Tagsip



- 18 years old
- student
- Christine has attended some seminars in school before but it was her first time to experience this kind of creative approach in a workshop.
- She experienced an earthquake before and she was able to keep her composure.
- She feels that the creative workshop is a helpful experience and she promised to share it with her family, classmates and friends.
- "I am very happy with our activity because it taught me how to be prepared not only externally but most importantly it helped me discover my inner strength."

### 2. Rodah Paquibot



- 21 years old
- day-care teacher
- youth leader
- She gained a lot of knowledge from the workshop that could be helpful in the future.
- She believes that in times of tragedy and problems in life, one has to be strong and should not give up.
- As a child, she was bullied because of her right eye deformity, which was caused by a dog bite.
- She used her bullying experience to rise above her situation. With inner strength and determination, she focused on her studies until she became a Day Care teacher.
- "As a day-care teacher, I hope to inspire my students to have inner resilience."



## Camp Coordination and Camp Management and Tabletop Exercise





# Early Warning and Evacuation Drill

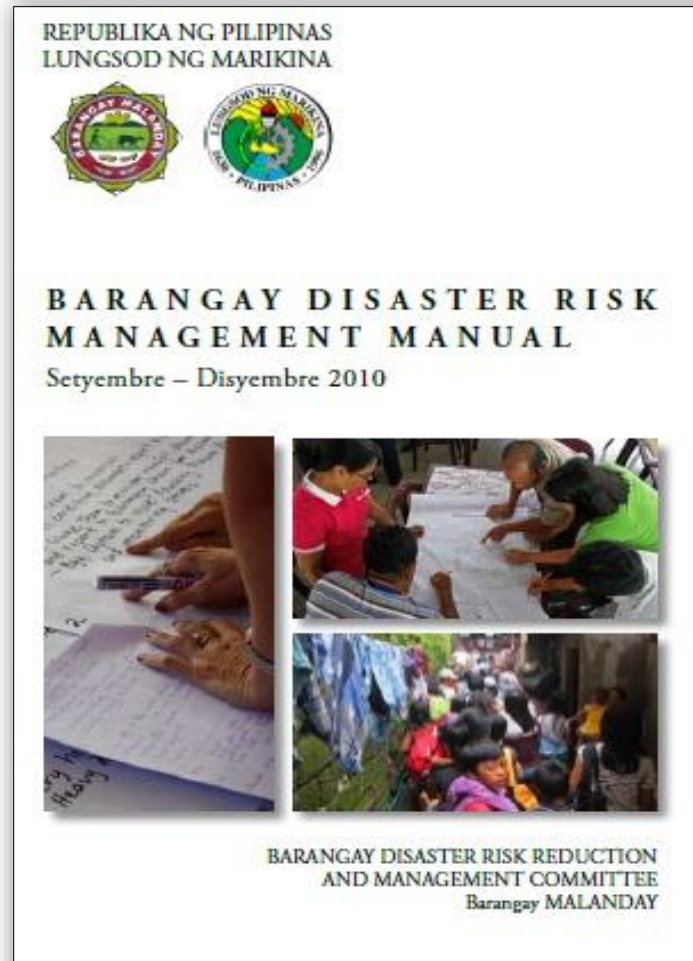


General Santos City, 2014



# Exit Planning

Turnover of  
the DRRM  
Manual



# Creative Resilience Rediscovering Inner Capacities for Safety and Wholeness





# Early Warning Communication, Coordinated Response and Recovery Assistance



Typhoon Ruby Relief



Post-Yolanda  
Donors Forum for  
Western Samar



Typhoon Lando Relief

# Nationwide Shake Drill 2016



# Inclusivity of Businesses

- “An **inclusive business model** is a commercially viable model that benefits low-income communities by including them in a company’s value chain on the demand side as clients and consumers, and/or on the supply side as producers, entrepreneurs or employees in a sustainable way.”



CORPORATE NETWORK  
FOR DISASTER RESPONSE

Thank you!