

# HISTORICAL TIMELINE

Output #1a



Types of Disaster	LANDSLIDE	FLOOD	TYPHOON (Yolanda)	SKIN DISEASES
Date of Major Occurrence	October 25, 2012	October 25, 2012	November 8, 2013	2013
Impact and Strength	Medium	High	Signal #4	Medium
Loss of Life/ Injured	none	5 people injured	3 people injured	180 residents infected with scabies; 25 residents caught ring worms
Property	none	14 houses severely damaged	27 houses were partially damaged and 262 houses were totally damaged	none
Infrastructures	none	none	Brgy. Outpost, day care center, health center, brgy. hall, basketball court, waiting sheds, drainage canal and chapels totally destroyed	none
Agriculture	Corn fields, coconut and vegetable plantations damaged	Corn fields, vegetable, root crop and banana plantation damaged	Corn fields, vegetable, root crop and banana plantation damaged	none
Environment	Change of landscape	Increase in river width	Mountains denuded	none
Estimated Amount of Damage	₱50,000.00	₱490,000.00	₱79,000,000.00	₱40,000.00

# HISTORICAL TIMELINE

Output #1b



Types of Disaster	TYPHOID FEVER	TUBERCULOSIS	DIARRHEA	DENGUE
Date of Major Occurrence	2010 & 2013	January – March 2014	November 8, 2013	November 2013
Impact and Strength	Medium	Low	Medium	Medium
Loss of Life/ Injured	1 resident admitted & 8 residents affected	2 residents affected	15 residents affected	5 residents admitted to the hospital
Property	none	none	none	none
Infrastructures	none	none	none	none
Agriculture	none	none	none	none
Environment	none	none	none	none
Estimated Amount of Damage	₱90,000.00	₱40,000.00	₱20,000.00	₱65,000.00

Barangay 37A – Palanog, Tacloban City, Leyte

# HAZARD MAP

Output #2



In partnership with  
**American Red Cross**



# RISK/VULNERABILITY ASSESSMENT

Output #3a



Types of Hazard	RISKS			Reason
	Low	Medium	High	
Landslide		x		<ul style="list-style-type: none"> <li>• Fourteen houses are located below mountain slopes</li> <li>• The barangay is surrounded by mountains</li> </ul>
Flood	x			<ul style="list-style-type: none"> <li>• Seventy-eight houses are living near the river</li> <li>• Some of the houses are living in low-lying areas</li> </ul>
Typhoon Yolanda	x			<ul style="list-style-type: none"> <li>• Houses are made of light materials</li> <li>• Absence of a resilient evacuation center</li> </ul>
Skin Diseases		x		<ul style="list-style-type: none"> <li>• Lack of knowledge in preventing skin diseases</li> <li>• Water for everyday use is contaminated</li> <li>• Improper garbage disposal</li> <li>• Lack of knowledge on mode of transmission</li> </ul>
Typhoid Fever		x		<ul style="list-style-type: none"> <li>• Improper food handling</li> <li>• Source of drinking water contaminated</li> </ul>
Tuberculosis	x			<ul style="list-style-type: none"> <li>• Some residents are considered alcoholic and chain smokers</li> <li>• Most of these residents have weak immune system</li> <li>• Lack of nutritious food</li> <li>• Constant exposure to people with tuberculosis</li> </ul>
Diarrhea		x		<ul style="list-style-type: none"> <li>• Improper food handling</li> <li>• Source of drinking water contaminated</li> </ul>
Dengue		x		<ul style="list-style-type: none"> <li>• Presence of stagnant water in some areas in the barangay</li> <li>• Dirty surroundings due to the lack of toilets</li> </ul>

# VULNERABILITY and CAPACITY ANALYSIS

Output #5a



Hazard Aspects (Typhoon)	Vulnerabilities	Capacities	Possible Actions
<b>Physical/Material</b>	<ul style="list-style-type: none"> <li>• Most of the houses are made of light materials</li> </ul>	<ul style="list-style-type: none"> <li>• Some houses with strong foundation could serve as evacuation centers (as stated in evacuation map)</li> </ul>	<ul style="list-style-type: none"> <li>• Display evacuation map/ practice proper information dissemination</li> <li>• Purchase necessary equipment to be used during disasters</li> </ul>
<b>Social/Organizational</b>	<ul style="list-style-type: none"> <li>• Lack of barangay-wide DRR trainings</li> </ul>	<ul style="list-style-type: none"> <li>• Existence of BDRRMC</li> <li>• Willingness of organizations in the barangay to help in times of disasters</li> <li>• Barangay Development Council has already created a plan to strengthen the working relationship between residents and officials during disasters</li> <li>• Some agencies are willing to conduct DRR training</li> </ul>	<ul style="list-style-type: none"> <li>• BDRRMC is active</li> <li>• Encourage involvement of other organizations during calamities</li> <li>• Conduct trainings on DRR</li> </ul>
<b>Motivational/Attitudinal</b>	<ul style="list-style-type: none"> <li>• Some residents don't give much importance on DRR trainings</li> <li>• Some residents are fond of practicing the "Bahala na" attitude (ningas cogon tendency)</li> </ul>	<ul style="list-style-type: none"> <li>• Some residents are willing to attend DRR training</li> </ul>	<ul style="list-style-type: none"> <li>• Awareness campaign/ training on DRR</li> </ul>

# VULNERABILITY and CAPACITY ANALYSIS

Output #5b



Hazard Aspects (Flooding)	Vulnerabilities	Capacities	Possible Actions
<b>Physical/Material</b>	<ul style="list-style-type: none"><li>• Some residents are fond of throwing their garbage in the river</li><li>• No plants/ trees near the river could prevent flooding</li></ul>	<ul style="list-style-type: none"><li>• Presence of garbage cans in some parts of the barangay</li></ul>	<ul style="list-style-type: none"><li>• Implementation of proper garbage disposal</li></ul>
<b>Social/Organizational</b>	<ul style="list-style-type: none"><li>• Barangay council does not give its full attention in cleaning the river</li></ul>	<ul style="list-style-type: none"><li>• Barangay has an existing drainage canal</li></ul>	<ul style="list-style-type: none"><li>• Rehabilitate riprap</li></ul>
<b>Motivational/Attitudinal</b>	<ul style="list-style-type: none"><li>• Some residents are not interested to be more oriented on this matter</li></ul>	<ul style="list-style-type: none"><li>• Some residents are more than willing to participate in a clean-up drive</li></ul>	<ul style="list-style-type: none"><li>• Increase people's awareness by coordinating with agencies such as DPWH and DENR</li></ul>

# VULNERABILITY and CAPACITY ANALYSIS

Output #5c



Hazard Aspects (Landslide)	Vulnerabilities	Capacities	Possible Actions
<b>Physical/Material</b>	<ul style="list-style-type: none"><li>• Some houses are located near the mountain</li></ul>	<ul style="list-style-type: none"><li>• Some parts of the mountains still have trees</li></ul>	<ul style="list-style-type: none"><li>• Avoid cutting down trees</li><li>• Refrain from performing kaingin activities</li></ul>
<b>Social/Organizational</b>	<ul style="list-style-type: none"><li>• People have inadequate knowledge on the preventive measures on this kind of disaster</li></ul>	<ul style="list-style-type: none"><li>• The barangay has an active farmers' association who can help in tree planting/tree growing activities</li></ul>	<ul style="list-style-type: none"><li>• Attend seminars and meetings on preventing landslides from happening</li></ul>
<b>Motivational/Attitudinal</b>	<ul style="list-style-type: none"><li>• Residents tend to disregard this matter since there has been no major occurrence of the disaster at present and no one has been affected yet</li></ul>	<ul style="list-style-type: none"><li>• There are residents who are willing to learn on how to avoid this kind of disaster</li></ul>	<ul style="list-style-type: none"><li>• Encourage more people to learn more about this matter</li></ul>



# VULNERABILITY and CAPACITY ANALYSIS

Output #5d



Hazard Aspects (Diarrhea)	Vulnerabilities	Capacities	Possible Actions
<b>Physical/Material</b>	<ul style="list-style-type: none"><li>• Improper human waste disposal</li><li>• No clean water</li></ul>	<ul style="list-style-type: none"><li>• Some residents have knowledge on how to treat this disease</li><li>• Some residents boil their drinking water first to avoid this disease</li></ul>	<ul style="list-style-type: none"><li>• Provide functional latrines for every household</li></ul>
<b>Social/Organizational</b>	<ul style="list-style-type: none"><li>• Some residents do not cooperate with health workers</li></ul>	<ul style="list-style-type: none"><li>• There is a barangay health worker (BHW) who monitors the health of the residents and conducts home visits</li></ul>	<ul style="list-style-type: none"><li>• Encourage the people to coordinate with health workers</li><li>• Schedule meetings to plot an action plan to prevent further losses because of this disease</li></ul>
<b>Motivational/Attitudinal</b>	<ul style="list-style-type: none"><li>• Residents neglect the importance of a clean environment</li></ul>	<ul style="list-style-type: none"><li>• Some residents still give importance on the cleanliness of their homes/ surroundings</li></ul>	<ul style="list-style-type: none"><li>• People should develop a strong sense of discipline</li></ul>



# VULNERABILITY and CAPACITY ANALYSIS

Output #5e



Hazard Aspects (Tuberculosis)	Vulnerabilities	Capacities	Possible Actions
Physical/Material	<ul style="list-style-type: none"><li>• <i>Some residents are addicted to cigarettes</i></li></ul>	<ul style="list-style-type: none"><li>• <i>Some residents have strong immune system</i></li></ul>	<ul style="list-style-type: none"><li>• <i>Arrange for a monthly check-up</i></li></ul>
Social/Organizational	<ul style="list-style-type: none"><li>• <i>POs lack training on TB awareness</i></li></ul>	<ul style="list-style-type: none"><li>• <i>Pamphlets on tuberculosis are available at the barangay health office</i></li></ul>	<ul style="list-style-type: none"><li>• <i>Plan for an extensive training to prevent this disease</i></li></ul>
Motivational/Attitudinal	<ul style="list-style-type: none"><li>• <i>People ignore simple coughs</i></li></ul>	<ul style="list-style-type: none"><li>• <i>Some residents are willing to attend seminars on tuberculosis prevention</i></li></ul>	<ul style="list-style-type: none"><li>• <i>Forbid TB patients to use other people's utensils so as to avoid spreading this disease</i></li></ul>

# VULNERABILITY and CAPACITY ANALYSIS

Output #5f



Hazard Aspects (Skin Diseases)	Vulnerabilities	Capacities	Possible Actions
<b>Physical/Material</b>	<ul style="list-style-type: none"> <li>• Improper garbage disposal</li> <li>• People are fond of throwing their waste in the river</li> <li>• Source of water is contaminated</li> </ul>	<ul style="list-style-type: none"> <li>• Garbage collectors collect garbage once in a while</li> <li>• Other residents are willing to share their comfort rooms</li> </ul>	<ul style="list-style-type: none"> <li>• Organize and plan for a meeting which would promote proper waste disposal and to construct additional latrines</li> </ul>
<b>Social/Organizational</b>	<ul style="list-style-type: none"> <li>• The barangay does not have adequate information and training on proper waste segregation, especially on the three important practices: reduce, reuse, and recycle</li> <li>• The city government have not yet given toilet bowls</li> </ul>	<ul style="list-style-type: none"> <li>• People have skills to construct comfort rooms</li> <li>• There is a barangay health worker(BHW) present in the barangay</li> </ul>	<ul style="list-style-type: none"> <li>• Request for garbage collectors to regularly collect garbage</li> <li>• Request for materials for the construction of toilets</li> </ul>
<b>Motivational/Attitudinal</b>	<ul style="list-style-type: none"> <li>• Most of the residents lack self-discipline</li> <li>• Most of the residents are not willing to cooperate in terms of cleaning their own surroundings</li> <li>• Most of the residents are always throwing their garbage at inappropriate places like rivers</li> </ul>	<ul style="list-style-type: none"> <li>• The residents of the barangay are willing to help each other to prevent skin disease</li> <li>• Other residents clean their own surroundings</li> </ul>	<ul style="list-style-type: none"> <li>• Have a concrete plan in preventing skin diseases such as organizing a community-wide clean-up drive</li> </ul>

# VULNERABILITY and CAPACITY ANALYSIS

Output #5g



Hazard Aspects (Typhoid Fever)	Vulnerabilities	Capacities	Possible Actions
<b>Physical/Material</b>	<ul style="list-style-type: none"> <li>• Source of water is contaminated (ex. water pumps)</li> <li>• Environment is dirty</li> </ul>	<ul style="list-style-type: none"> <li>• Residents use aqua tabs for their drinking water</li> </ul>	<ul style="list-style-type: none"> <li>• Practice proper food preparation.</li> <li>• Regularly clean surroundings.</li> </ul>
<b>Social/Organizational</b>	<ul style="list-style-type: none"> <li>• PO's did not yet promote proper hand washing.</li> <li>• The barangay does not have enough/ adequate information about this disease.</li> </ul>	<ul style="list-style-type: none"> <li>• Parents educate their children on proper hygiene.</li> <li>• Leaders of people's organizations are active in terms of information dissemination on daily waste management routine.</li> </ul>	<ul style="list-style-type: none"> <li>• Have a regular checkup at least twice a month</li> </ul>
<b>Motivational/Attitudinal</b>	<ul style="list-style-type: none"> <li>• People sometimes disregard their personal cleanliness and proper hand washing</li> <li>• Poor food preparation</li> <li>• Residents disregard the cleanliness of their environment</li> </ul>	<ul style="list-style-type: none"> <li>• People have the know-how/ knowledge on proper hygiene</li> </ul>	<ul style="list-style-type: none"> <li>• Have an awareness campaign to prevent this disease</li> </ul>

# VULNERABILITY and CAPACITY ANALYSIS

Output #5h



Hazard Aspects (Dengue)	Vulnerabilities	Capacities	Possible Actions
<b>Physical/Material</b>	<ul style="list-style-type: none"><li>• Stagnant water</li><li>• Clogged drainage</li><li>• Improper waste disposal</li></ul>	<ul style="list-style-type: none"><li>• Current BHW monitors health of individuals and provides medicines for fever</li></ul>	<ul style="list-style-type: none"><li>• Implementation of proper waste disposal</li></ul>
<b>Social/Organizational</b>	<ul style="list-style-type: none"><li>• Community lacks knowledge on how to prevent dengue</li></ul>	<ul style="list-style-type: none"><li>• Residents are willing to acquire knowledge on how to avoid dengue</li></ul>	<ul style="list-style-type: none"><li>• Conduct awareness campaign on dengue prevention</li></ul>
<b>Motivational/Attitudinal</b>	<ul style="list-style-type: none"><li>• Some members of the community always throw their garbage in inappropriate places</li></ul>	<ul style="list-style-type: none"><li>• Some residents are willing to attend training on dengue prevention</li></ul>	<ul style="list-style-type: none"><li>• Create sign boards and distribute pamphlets on dengue awareness.</li></ul>

## SEASONAL CALENDAR



In partnership with  
**American Red Cross**

[illegible]

Barangay 37A – Palanog, Tacloban City, Leyte

# SEASONAL CALENDAR LEGENDS

Output #6a



	Planting of vegetable and root crops
	Harvesting of vegetable and root crops
	New Year's Day
	Graduation
	Regular barangay session (1 <sup>st</sup> & 2 <sup>nd</sup> week)
	Sta. Cruz de Mayo
	Coconut Harvest
	Monthly regular session (1 <sup>st</sup> and 3 <sup>rd</sup> Saturday of the month)
	Barangay Assembly
	Barangay Fiesta
	Christmas Day
	All Souls Day
	Yolanda Commemoration
	Rainy Season
	Sunny Season

Barangay 37A – Palanog, Tacloban City, Leyte

# PRIORITY MATRIX

Output #8



	REHAB & CONST. OF DRAINAGE	CONST. OF RIPRAP	LIVELIHOOD	SHELTER	TOILETS	INST. OF WATER TANKS	STREET LIGHTS	HEALTH CENTER	EVACUATION CENTER	PATHWAY	TOTAL	
REHAB & CONST. OF DRAINAGE		3	2	2	3	2	1	2	2	3	20	9 <sup>th</sup> Priority
CONST. OF RIPRAP	3		2	2	3	2	3	5	4	4	28	5 <sup>th</sup> Priority
LIVELIHOOD	5	5		3	3	3	5	4	5	5	28	1 <sup>st</sup> Priority
SHELTER	4	3	3		3	3	3	4	4	4	31	2 <sup>nd</sup> Priority
TOILETS	4	3	3	3		3	4	4	4	3	31	3 <sup>rd</sup> Priority
INST. OF WATER TANKS	4	3	3	3	3		4	4	4	3	31	4 <sup>th</sup> Priority
STREET LIGHTS	3	2	2	2	3	2		3	4	3	24	8 <sup>th</sup> Priority
REHAB OF HEALTH CENTER	3	3	2	2	2	2	3		3	4	24	7 <sup>th</sup> Priority
CONST. OF EVACUATION CENTER	5	2	3	2	2	2	2	3		4	25	6 <sup>th</sup> Priority
CONST. OF PATHWAY	2	3	2	2	2	2	2	2	2		29	10 <sup>th</sup> Priority



Barangay 37A – Palanog, Tacloban City, Leyte

# RESOURCE MATRIX

Output #9



ACTIVITIES/ RESOURCES	HUMAN	FINANCE	SOCIAL	PHYSICAL	NATURAL
LIVELIHOOD	✓	✗	✓	✓	✓
SHELTER	✓	✗	✓	✓	✓
TOILETS	✓	✗	✓	✓	✓
INSTALLATION OF WATER TANKS	✓	✗	✓	✓	✓
CONSTRUCTION OF RIPRAP	✓	✗	✓	✗	✓
CONSTRUCTION OF EVACUATION CENTER	✓	✗	✓	✓	✓
REHAB OF HEALTH CENTER	✓	✗	✓	✓	✓
STREETLIGHTS	✓	✗	✓	✓	✓
REHAB AND CONST. OF DRAINAGE	✓	✗	✓	✓	✓
CONSTRUCTION OF CONCRETE PATHWAY	✓	✗	✓	✓	✓

## COMMITTEES



WATER and SANITATION	LIVELIHOOD	SHELTER
Chairman: Hon. Violita Sawa-an	Chairman: Hon. Jeng-jeng Diaz	Chairman: Hon. Joseph Jolo-an
Marilyn Rodriguez	Nida Orbigosa	Warren Dauz Jr.
Maricel Labay	Maribel Villeta	Marilyn Rico
Elvira Ables	Norma Potente	Maribel Garado
Renariza Brigaña	Kenlie Gadin	Maricel Distora
Nicanor Perales		
Teresita Pilapil		

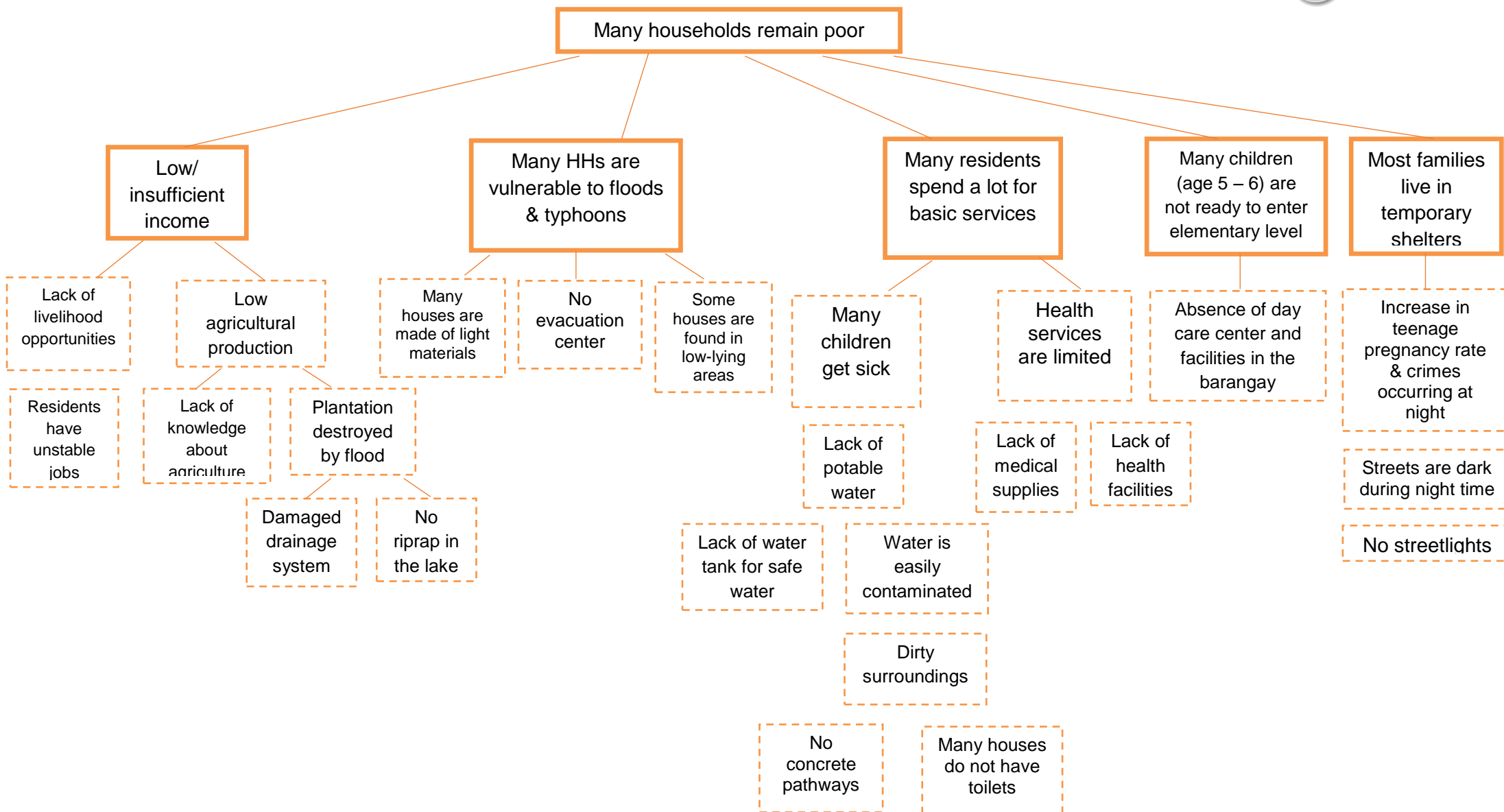
## COMMITTEES



HEALTH	INFRASTRUCTURE	DRR
Chairman: Hon. Susan Odivilas	Chairman: Hon. Antonio Macato	Chairman: Hon. Luzviminda Diolan
Ednadette Morado	Warlito Dauz	Jofel Dacoycoy
Nimfa Sales	Cristina Roncales	Artemeo M. Insigne
Aida Cabanillas	Adelina Moreno	Sherelyn Yohanon
Concepcion Ayon	Alexander Chu	Gina Camilon
	Susana Macato	

# PROBLEM TREE

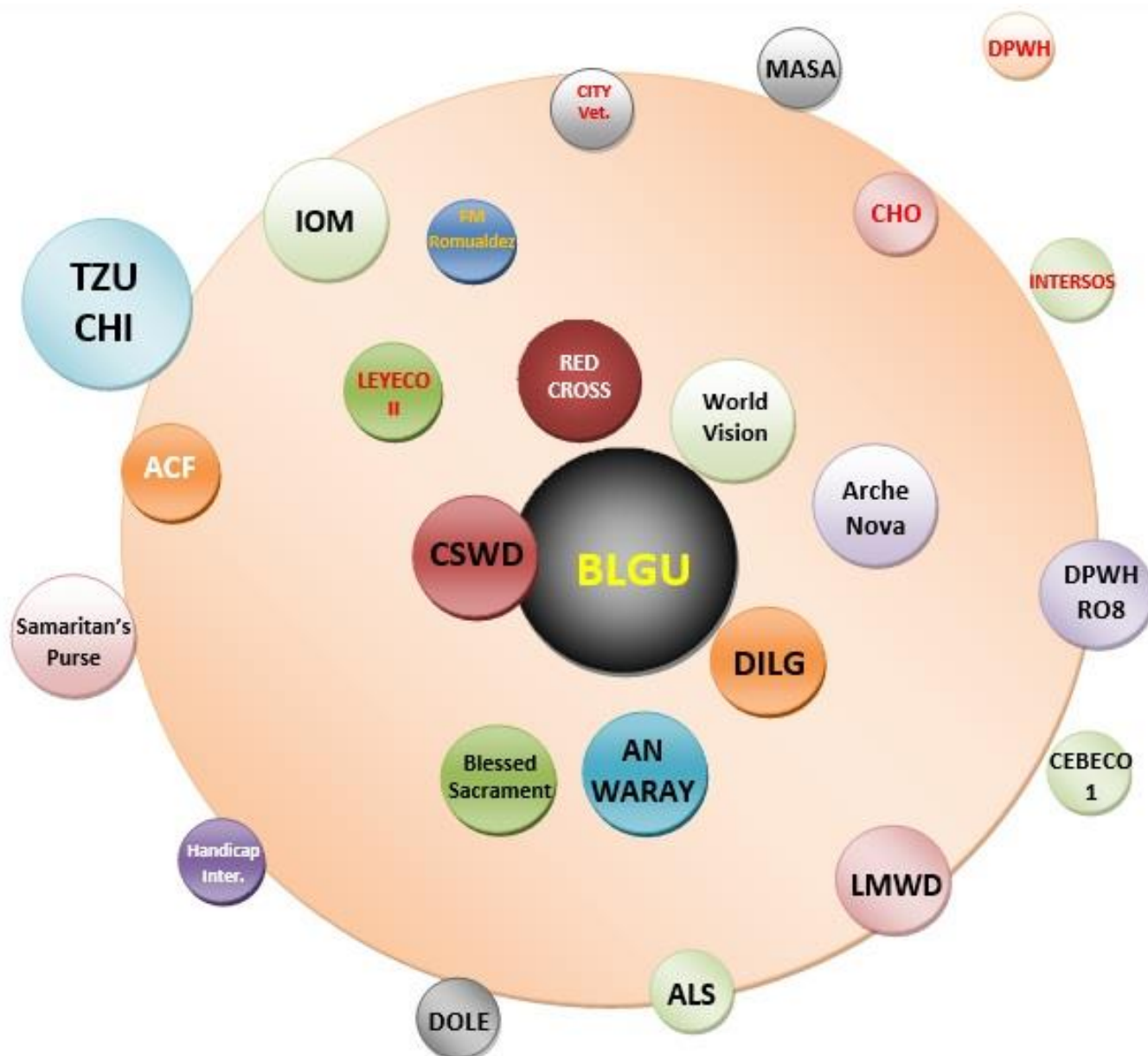
Output #7



Barangay 37A – Palanog, Tacloban City, Leyte

# VENN DIAGRAM

Output #4



BLGU  
IOM  
MASA  
TZU-CHI BUDDHIST FOUNDATION  
ACF  
DOLE  
DILG  
LMWD  
DPWH RO8  
CSWDO  
CEBECO  
LEYECO II  
CHO  
ALS  
FM ROMUALDEZ  
INTEROS  
ARCHE NOVA  
AN WARAY PARTY LIST  
WORLD VISION  
BLESSED SACRAMENT  
HANDICAP INTERNATIONAL  
REDCROSS  
SAMARITAN'S PURSE