

# HISTORICAL TIMELINE

Output #1



Types of Disaster	FLOOD	EARTHQUAKE	TYPHOON (Yolanda)	LIGHTNING
<b>Date of Major Occurrence</b>	1991-2013, 2006, December 4, 2008	August 19, 2012	November 8, 2013	November 2012
<b>Impact and Strength</b>	River swelled to 2 meters	7.2 intensity/ light impact	Signal #4	High and Strong
<b>Loss of Life/ Injured</b>	3 persons confirmed dead	none	Injured- 3	1 Carabao
<b>Property</b>	none	Cracks on cement houses	66 houses were totally damaged and 9 were partially damaged	Resulted to damage of 10 Bulbs, LCD, 2 switch, 3 outlets
<b>Infrastructures</b>	none	Cracks on Buildings (e.g. Elementary School and Barangay Hall)	Damages were inflicted on the Barangay Hall, Outpost, Daycare Center and Church	None
<b>Agriculture</b>	Coconut- 100 Banana Plantation- 200	none	Resulted to the loss of Coconut trees and Banana plantations Ricefield- 90% damaged	45 Coconut trees
<b>Environment</b>	Sand and Gravel - WASHOUT	none	Many trees were uprooted	none
<b>Estimated Amount of Damage</b>	₱34,000.00	none	₱5,000,000.00	₱100,000.00

# HAZARD MAP



In partnership with  
**American Red Cross**



# RISK/VULNERABILITY ASSESSMENT

Output #3



Types of Hazard	RISKS			Reason
	Low	Medium	High	
Flood		x		<ul style="list-style-type: none"> <li>• water level do not always reach houses</li> <li>• 3 dead or drowned in the flood</li> <li>• the plants and crops were not that damaged</li> <li>• Those houses in the proper are the only ones that are very vulnerable to flood because they cross the river. There are 44 households in the proper which are 250 meters from the said river.</li> </ul>
Earthquake		x		<ul style="list-style-type: none"> <li>• The houses are small</li> <li>• Most of the houses are made from light materials</li> </ul>
Typhoon			x	<ul style="list-style-type: none"> <li>• Many houses were damaged</li> <li>• the people lost their source of income</li> <li>• the coconut trees and bananas were uprooted, while the fields were also badly damaged</li> <li>• Many appliances were damaged</li> <li>• Many animals also died due to falling trees</li> <li>• 66 houses were totally damaged while 9 were partially damaged after the typhoon. As of today, 66 households have yet to regain their former lives and do not have stable jobs</li> </ul>
Lightning	x			<ul style="list-style-type: none"> <li>• Light bulbs and appliances were damaged. There were also animals who dies and coco trees were hit. A blackout was also once experienced in the barangay</li> </ul>

# VULNERABILITY and CAPACITY ANALYSIS

Output #5a



Hazard Aspects (FLOOD)	Vulnerabilities	Capacities	Possible Actions
<b>Physical/Material</b>	<ul style="list-style-type: none"> <li>• no evacuation center at the other side of the barangay</li> <li>• Few houses are situated near the river</li> <li>• Houses are easily ruined because they are made of light materials</li> </ul>	<ul style="list-style-type: none"> <li>• there is an existing evacuation center on the other side of the barangay</li> </ul>	<ul style="list-style-type: none"> <li>• Resistance of each houses must be improved</li> <li>• Avoid building houses to areas that are prone to heavy floods</li> </ul>
<b>Social/Organizations</b>	<ul style="list-style-type: none"> <li>• There are no existing organizations in our barangay</li> </ul>	<ul style="list-style-type: none"> <li>• Few of the 4P's grantees will be able to help during heavy flooding because they were trained in DRR</li> </ul>	<ul style="list-style-type: none"> <li>• Various organizations should be created so that they can conduct trainings on what to do in case of flood</li> </ul>
<b>Motivational/Attitudinal</b>	<ul style="list-style-type: none"> <li>• People near the flood prone area refuses to be relocated</li> </ul>	<ul style="list-style-type: none"> <li>• All the people are unified on the idea to keep themselves from the damages of the flood</li> </ul>	<ul style="list-style-type: none"> <li>• More awareness on what to do when flood occurs</li> </ul>

# VULNERABILITY and CAPACITY ANALYSIS

Output #5b



Hazard Aspects (Typhoon)	Vulnerabilities	Capacities	Possible Actions
<b>Physical/Material</b>	<ul style="list-style-type: none"> <li>• When there is a typhoon it floods and those trees near the river fall because the land softens</li> <li>• if the house is not strongly built, it could be ruined easily</li> </ul>	<ul style="list-style-type: none"> <li>• there is an existing evacuation center if typhoons come</li> </ul>	<ul style="list-style-type: none"> <li>• Resistance of each houses must be improved</li> <li>• train or orient people about the safe and non-safe areas in the barangay during typhoons</li> </ul>
<b>Social/Organizations</b>	<ul style="list-style-type: none"> <li>• There are no groups or organization in our barangay that responds during a typhoon</li> </ul>	<ul style="list-style-type: none"> <li>• the people help each other everytime that there is a typhoon</li> </ul>	<ul style="list-style-type: none"> <li>• Plant trees to minimize the damages</li> </ul>
<b>Motivational/Attitudinal</b>	<ul style="list-style-type: none"> <li>• The Tanods have less knowledge on how to respond during a typhoon</li> <li>• there are people who refuse to evacuate during this disaster because they do not want to leave their houses</li> </ul>	<ul style="list-style-type: none"> <li>• Few of the citizens cooperate well</li> </ul>	<ul style="list-style-type: none"> <li>• train the Tanods so that they will be able to know how to respond when typhoon comes</li> <li>• Encourage the people who evacuate during such crisis</li> <li>• help each other</li> </ul>



# VULNERABILITY and CAPACITY ANALYSIS

Output #5c

Hazard Aspects (Lightning)	Vulnerabilities	Capacities	Possible Actions
<b>Physical/Material</b>	<ul style="list-style-type: none"><li>• the area is flat surfaced and houses are near the coconut trees</li><li>• there are houses that has antennas</li></ul>	<ul style="list-style-type: none"><li>• the barangay is a large area, so the people can actually relocate their houses to safer zones</li></ul>	<ul style="list-style-type: none"><li>• Houses should not be built near the trees</li><li>• installed antennas should not be extended very high</li></ul>
<b>Social/Organizations</b>	<ul style="list-style-type: none"><li>• There are no organizations in the barangay to inform or orient us on what to do and how to avoid major destructions when lightning strikes</li></ul>	<ul style="list-style-type: none"><li>• the people are interested and eager to create an organization for the barangay</li></ul>	<ul style="list-style-type: none"><li>• keep away from falling trees to avoid injury</li></ul>
<b>Motivational/Attitudinal</b>	<ul style="list-style-type: none"><li>• People has less knowledge on what to do if ever a lightning strikes</li></ul>	<ul style="list-style-type: none"><li>• the people are interested to be spared from this kind of disaster</li></ul>	<ul style="list-style-type: none"><li>• convince each other or self to keep away from anything the lightning might struck and cause it to fall to keep away from danger</li></ul>

# VULNERABILITY and CAPACITY ANALYSIS
































































Output #5d



Hazard Aspects (Earthquake)	Vulnerabilities	Capacities	Possible Actions
<b>Physical/Material</b>	<ul style="list-style-type: none"> <li><i>Houses are made of light materials</i></li> </ul>	<ul style="list-style-type: none"> <li><i>there are many resources in the barangay that the people can use to strengthen their houses</i></li> </ul>	<ul style="list-style-type: none"> <li><i>Houses should be built stronger or made concrete to prevent fatal damages during earthquakes</i></li> </ul>
<b>Social/Organizations</b>	<ul style="list-style-type: none"> <li><i>No organizations have yet to conduct an earthquake drill</i></li> </ul>	<ul style="list-style-type: none"> <li><i>many organization can conduct training in barangay but we need to get their attention first</i></li> </ul>	<ul style="list-style-type: none"> <li><i>Conduct an earthquake drill and a seminar on what to do during earthquakes</i></li> <li><i>encourage the people to attend the said drill</i></li> </ul>
<b>Motivational/Attitudinal</b>	<ul style="list-style-type: none"> <li><i>Some people have less cooperation</i></li> </ul>	<ul style="list-style-type: none"> <li><i>although there are some people who don't listen on what to do during earthquakes, there are still more who cooperate on doing it.</i></li> </ul>	<ul style="list-style-type: none"> <li><i>the people should be unified so that when such disaster comes they will be able to avoid much damage and they should be encouraged that when earthquakes happen they should lead themselves to open spaces</i></li> </ul>

## SEASONAL CALENDAR



SEASONS	January	February	March	April	May	June	July	August	September	October	November	December
<i>Rainy Season</i>												
<i>Dry season</i>												
<i>*Crops Harvest*</i>												
<i>-Rice</i>												
<i>-Coconut</i>												
<i>-Lansones</i>												
<i>-Cassava</i>												
<i>-Vegetables</i>												
<i>Rain/Shine</i>							 	 				
<i>Fiesta</i>												
<i>X-mas/New Year</i>												
<i>Back-to-School</i>												
<i>Recognition/ Graduation</i>												
<i>Halloween Party</i>												
<i>Independence Day</i>												
<i>Alang-alang Day</i>												
<i>Barangay Synchronized Assembly</i>												
<i>Rice Planting Season</i>												
<i>Brgy Monthly meeting</i>	 	 	 	 	 	 	 	 	 	 	 	 



Barangay Santiago, Alang-alang, Leyte

# SEASONAL CALENDAR LEGENDS

Output #6a



	Cassava Harvest
	Rainy Season
	Recognition/Graduation Day
	Christmas Day/New Year's Day
	Rice Harvest
	Back-to-school
	Coconut Harvest
  	Monthly regular session (1 <sup>st</sup> and 3 <sup>rd</sup> Saturday of the month)
	Dry Season
	Lansones Harvest
	Barangay Fiesta
	Alang-alang Day
	Rice Planting Season
	Barangay synchronized assembly
	Halloween Party
	Independence Day
	Vegetable Harvest
 	Rain/ Shine

Barangay Santiago, Alang-alang, Leyte

# PRIORITY MATRIX

Output #8



	WATER	SHELTER	LIVELIHOOD	TOILETS	WASTE	TOTAL	
WATER		3	3	3	5	14	3rd Priority
SHELTER	5		3	5	5	18	1st Priority
LIVELIHOOD	3	3		5	5	16	2nd Priority
TOILETS	3	3	2		3	11	4th Priority
WASTE	2	2	2	3		9	5th Priority

Barangay Santiago, Alang-alang, Leyte

# RESOURCE MATRIX

Output #9



<i>ACTIVITIES/ RESOURCES</i>	<i>HUMAN</i>	<i>FINANCE</i>	<i>SOCIAL</i>	<i>PHYSICAL</i>	<i>NATURAL</i>
<i>WATER (Rehabilitation)</i>	✓	✓	✓	✓	×
<i>SHELTER</i>	✓	✓	✓	✓	×
<i>LIVELIHOOD</i>	✓	✓	✓	×	✓
<i>TOILETS</i>	✓	✓	✓	✓	×
<i>WASTE</i>	✓	×	×	✓	✓

Barangay Santiago, Alang-alang, Leyte

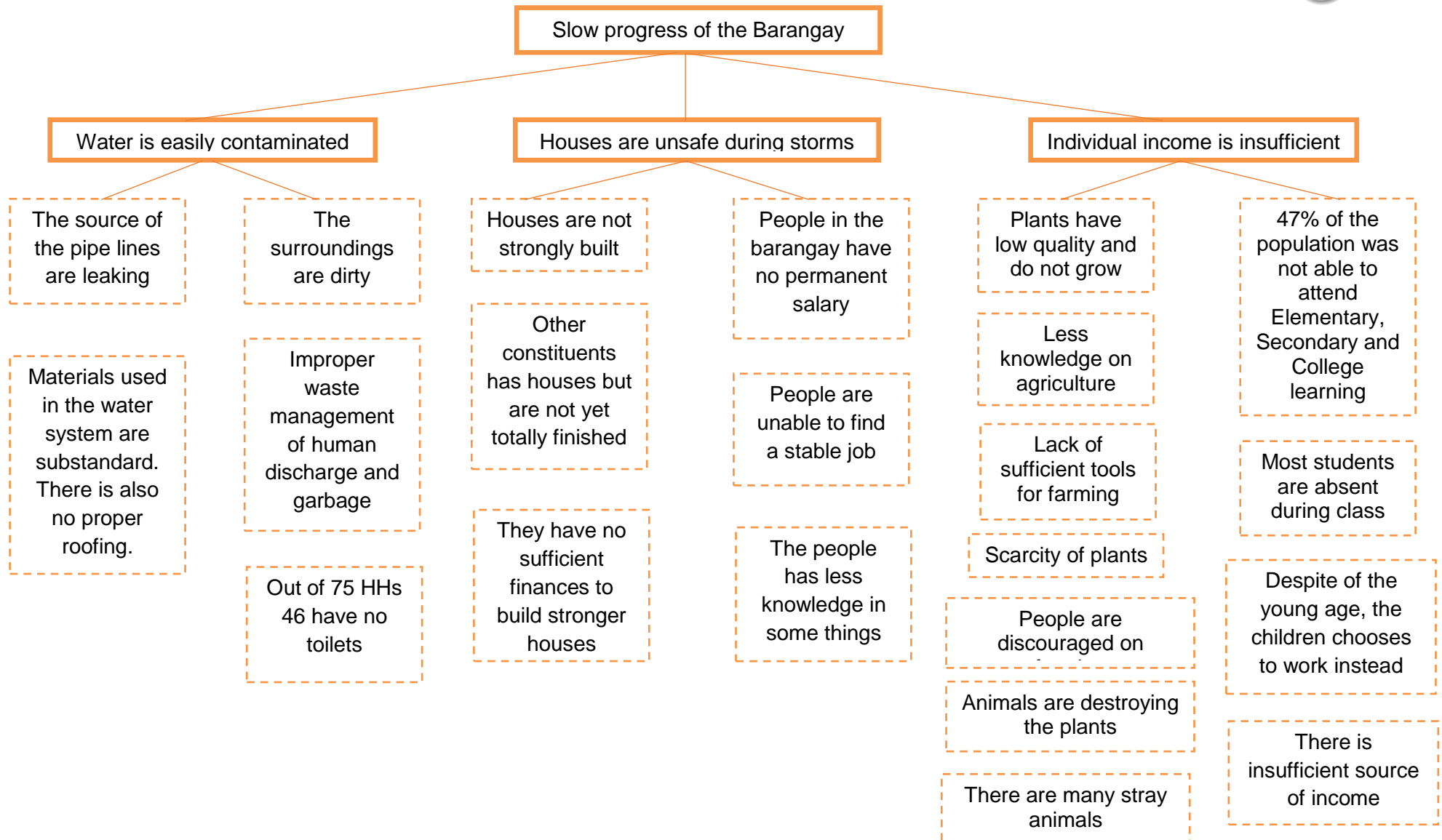
# COMMITTEE



WATER and SANITATION	LIVELIHOOD	SHELTER	DRR
Chairman: Hon. Concepcion A. Vicuña	Chairman: Hon. Juanito T. Vicuña	Chairman: Hon. Rowena Tusio	Chairman: Hon. Eleuterio Darole
Arnita D. Embodo	Mariafe D. Pajalla	Liezel Lorica	Lorena Darole
Michelle R. Sister	Edgar Darole	Marvin Tulaña	Nieves Pace
Allan G. Gerolaga	Angelita B. Cubias	Marvin Anade	Melita Adlawan
Cristino Bacolod	Rowena A. Arogante	Melanie Adlawan	Arlene Ebron

# PROBLEM TREE

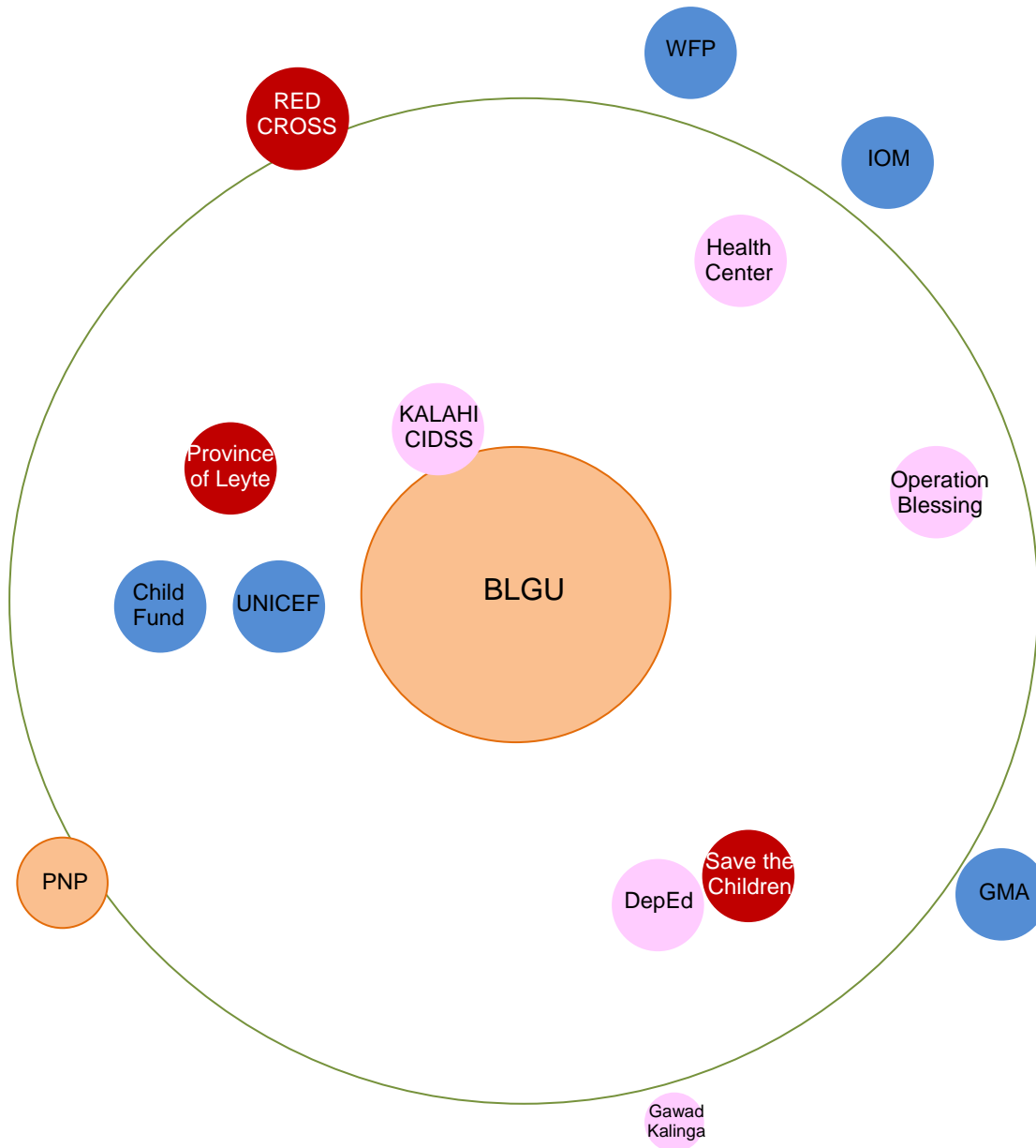
Output #7



Barangay Santiago, Alang-alang, Leyte

# VENN DIAGRAM

Output #4



BLGU  
Child fund  
DepEd  
Gawad Kalinga  
GMA  
Health Center  
UNICEF  
IOM  
KALAHI-CIDSS  
Operation blessing  
PNP  
Province of Leyte  
Red Cross  
Save the Children  
WFP