Barangay Aslum, Alang-alang, Leyte

HISTORICAL TIMELINE

Output #1

Types of Disaster	YOLANDA	EL NIÑO	TORNADO	LIGHTNING
Date of Major Occurrence	*November 08, 2013*	*March – October 1982*	*August 13, 2014*	*February 2013*
Impact and Strength	*Supertyphoon*	*Drought*	*High Impact (Hail)*	*Medium Impact*
Loss of Life/ Injured	*1 dead* *10 injured*	*None*	*None*	*2 injured*
Property	*16 houses partially damaged* *139 houses totally damaged*	*None*	*20 houses partially damaged*	*1 house partially damaged* *Most of the appliances were damaged*
Infrastructures	*Partially damaged – Barangay Hall, Learning Center, Daycare Center, Elementary School, Waiting Shed* *Totally damaged – Stage, Streetlights, Chapel*	*3 jetmatic pumps dried up*	*None*	*Electric transformers were damaged*

Barangay Aslum, Alang-alang, Leyte

HISTORICAL TIMELINE

Output #1a

In partnership with American Red Cross

Agriculture	*50 hectares rice fields destroyed* *40 hectares coconut/banana plantation destroyed*	*50 hectares rice fields totally damaged* *25 hectares banana plantation totally damaged*	*Rice fields and plants were damaged*	*None*
Environment	*30 hectares forest wiped out*	*Bodies of water dried up*	*40 hectares rice fields destroyed*	*None*
Estimated Amount of Damage	*P 20,000,000.00*	*P 2,500,000.00*	*P 200,000.00*	*P 200,000.00*

Barangay Aslum, Alang-alang, Leyte

HAZARD MAP

Output #2

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Barangay Aslum, Alang-alang, Leyte

RISK/VULNERABILITY ASSESSMENT

Output #3

TYPES OF HAZARD	RISK			REASON
	LOW	MEDIUM	HIGH	
Typhoon (Yolanda)			*X*	• *Houses have weak foundations because they are made up of light materials* • *Infrastructures also have weak foundations* • *People went hungry* • *People looted for goods for survival* • *People were traumatized*
El Niño			*X*	• *Most residents experienced hunger* • *Residents are fond of burning plastic* • *Long months went without rain* • *Plants and animals died*
Tornado			*X*	• *Most residents experienced trauma* • *Most houses were damaged*
Lightning		*X*		• *Only the appliances were damaged*

Barangay Aslum, Alang-alang, Leyte

VULNERABILITY and CAPACITY ANALYSIS

Output #5a

In partnership with American Red Cross

Hazard Aspect (El Niño)	Vulnerability	Capacities	Possible Action
Physical / Materials	*•Deep wells and water pumps easily dried up* *•Plants and trees dried up; farm animals were also affected*	*•Residents had one source of water/"burabod"*	*•Construct a water pump or a deep well that is situated near the center of the barangay*
Social / Organizational	*•No organization could help the barangay find a solution to the loss of water during extreme droughts*	*•Willingness of the barangay to create and organize an organization that could help request for water pumps*	*•Construct additional water pumps that can be utilized by the whole barangay*
Motivational / Attitudinal	*•Residents are not working together to find an alternative source of water*	*•Some residents have already requested for water pumps*	*•Arrange for an awareness campaign which would seek to encourage the hunt for more possible sources of water*

Barangay Aslum, Alang-alang, Leyte

VULNERABILITY and CAPACITY ANALYSIS

Output #5b

Hazard Aspect (LIGHTNING)	Vulnerability	Capacities	Possible Action
Physical / Materials	*•Most households have electrical appliances* *•The barangay is situated at an elevated/high area*	*•Each appliance is plugged to only one electric socket which prevents the flow of electric current*	*•During such times, residents should unplug their appliances and turn of the main switch*
Social / Organizational	*•People lack knowledge on what to do during lightning/when lightning strikes*	*•The people are very cooperative and willing to learn*	*•Plan and listen to weather forecasts/news advisory* *•Be ready and alert*
Motivational / Attitudinal	*•People don't usually unplug their electrical devices during lightning* *•People tend to "overuse" their gadgets up to the point where they don't mind even if lightning strikes*	*•People are aware that when lightning strikes, they should cover the things that could possibly attract it*	*•To be safe, all electrical appliances should be unplugged; people should also stay in safe places*

Barangay Aslum, Alang-alang, Leyte

VULNERABILITY and CAPACITY ANALYSIS

Output #5c

Hazard Aspect (TYPHOON)	Vulnerability	Capacities	Possible Action
Physical / Materials	*•Most houses are made up of light materials* *•Not all houses are concrete* *•Most of the houses don't have sturdy posts*	*•Some concrete houses have strong foundation*	*•In the future, residents should construct sturdier posts and build a better housing foundation*
Social / Organizational	*•The barangay did not immediately gain access to relief items from different government and nongovernment organizations*	*•The barangay easily comes together in terms of asking for help from other organizations*	*•Identify organizations that could possibly help the barangay in times of disasters*
Motivational / Attitudinal	*•Most of the residents disregard notices from authorities to evacuate to safer places* *•Other residents practice ignorance: even if they already know that a life threatening event is bound to happen, they don't plan and prepare for it*	*•Some residents heed the call of the authorities to evacuate*	*•People should be made aware or be warned of upcoming typhoons*

Barangay Aslum, Alang-alang, Leyte

PRIORITY MATRIX

Output #8

In partnership with American Red Cross

	Livelihood	Water System	Sanitation	Evacuation Center	Agriculture	Health center w/ facilities	School	Shelter	Rehabilitation of drainage	C. R.	**Total**	Rank
Livelihood		5	5	5	4	4	4	3	5	4	39	2nd
Water System	1		3	1	1	1	3	1	1	2	14	9th
Sanitation	1	2		1	1	1	1	1	1	1	10	10th
Evacuation Center	1	5	5		1	1	4	1	1	1	20	6th
Agriculture	1	5	5	5		4	5	1	1	3	30	3rd
Health center w/ facilities	1	4	4	4	1		4	1	1	1	21	5th
School	1	4	4	4	1	1		1	3	3	22	4th
Shelter	3	5	5	5	3	5	5		5	5	41	1st
Rehabilitation of drainage	1	3	3	2	1	3	3	1		3	20	7th
C. R.	1	3	3	1	1	2	1	1	2		16	8th

Barangay Aslum, Alang-alang, Leyte

RESOURCE MATRIX

Output #9

In partnership with American Red Cross

ACTIVITIES/ RESOURCES	HUMAN	FINANCE	SOCIAL	PHYSICAL	NATURAL
SHELTER	✓	✕	✕	✓	✓
LIVELIHOOD	✓	✕	✓	✓	✕
AGRICULTURE	✓	✕	✓	✓	✓
SCHOOL	✓	✕	✓	✓	✓
HEALTH CENTER W/ FACILITIES	✓	✕	✕	✓	✕
EVACUATION CENTER	✓	✕	✕	✓	✕
REHABILITATION OF DRAINAGE	✓	✓	✓	✓	✕
CR	✓	✕	✓	✓	✓
WATER SYSTEM	✓	✓	✓	✓	✓
SANITATION	✓	✕	✓	✓	✓

Barangay Aslum, Alang-alang, Leyte

COMMITTEE

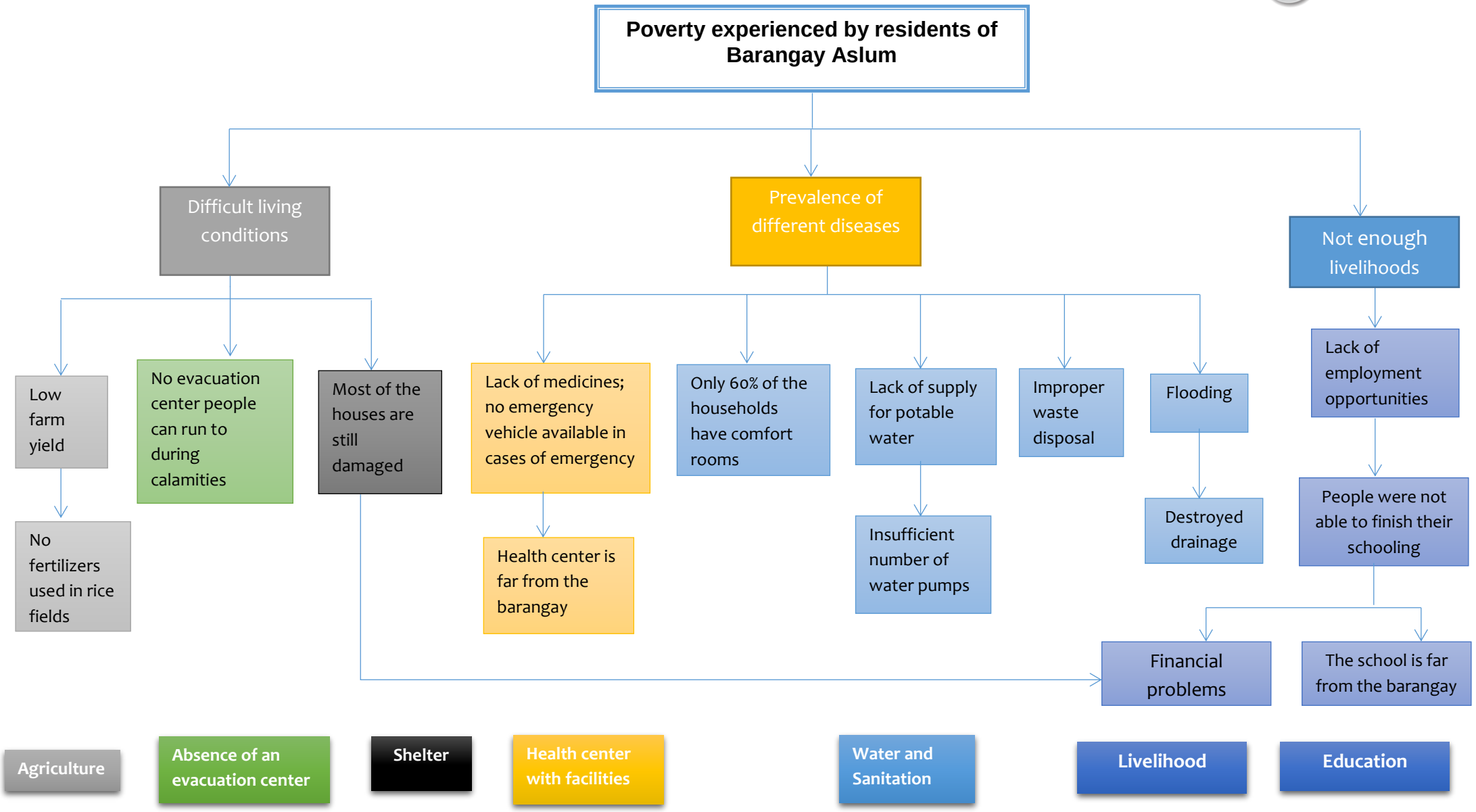
LIVELIHOOD	SHELTER	WATER and SANITATION
Chairman: Antonio Teraza	Chairman: Hon. Thadeo Versoza	Chairman: Hon. Leah Vero (09493796006)
Lorna Madrigal (09095064531/09355121827)	Arnel Lazon (09105305773)	Analyn Falguera (09983766074)
Paz Cabelin (09466644037)	Junely Justiza	Analisa Dolor (09085781923/09355121350)
Marianita Catada (09468567930)	Gemmalyn Madrigal (09101429162)	Leah Lantajo (09998371371)
Mary Ann Mahamis (09481530602)	Efren Josol	Nelida Sales (09051383301)

Barangay Aslum, Alang-alang, Leyte

PROBLEM TREE

Output #7

In partnership with American Red Cross

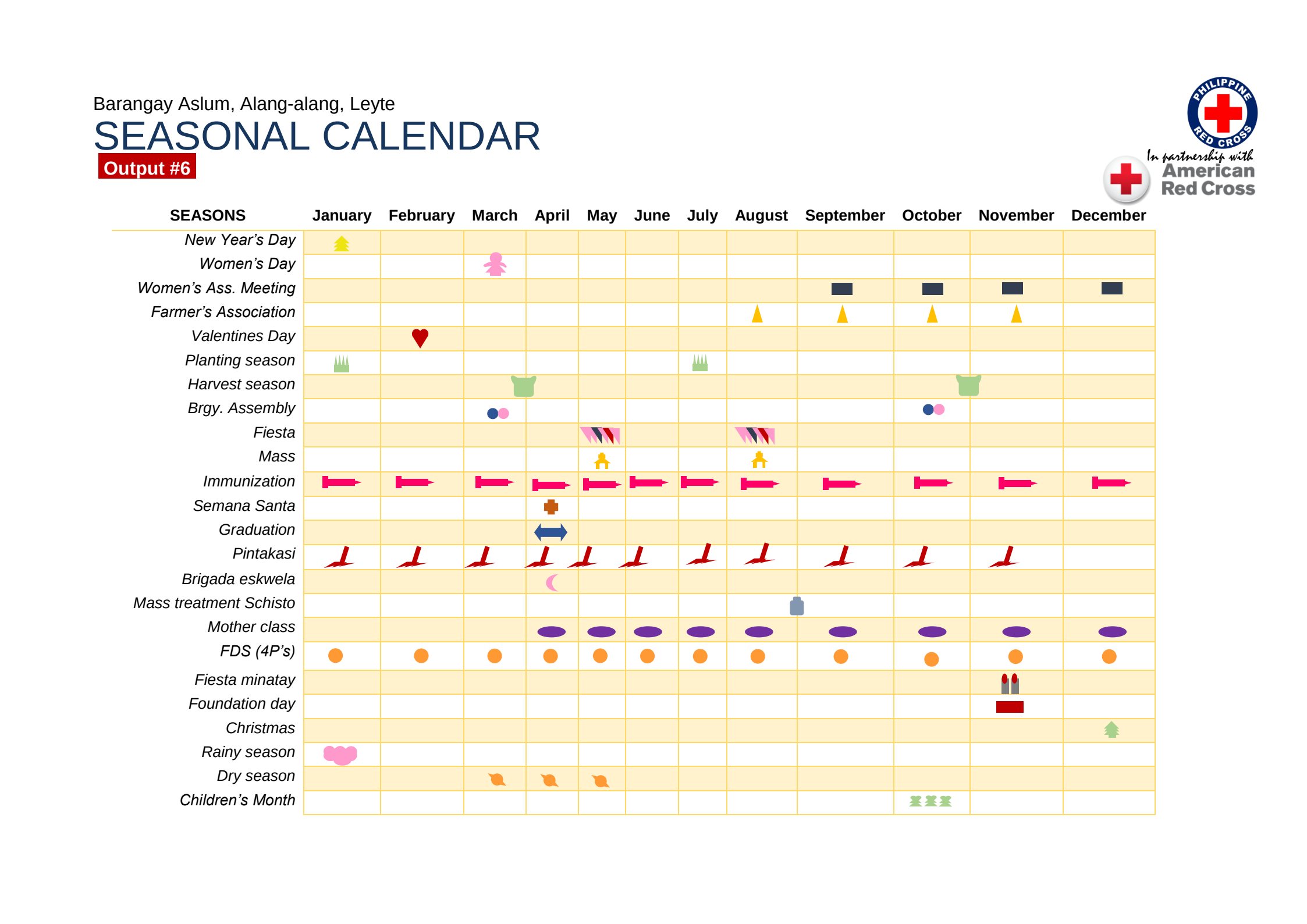


Barangay Aslum, Alang-alang, Leyte

SEASONAL CALENDAR

Output #6

In partnership with American Red Cross



Barangay Aslum, Alang-alang, Leyte

SEASONAL CALENDAR LEGENDS

Output #6a

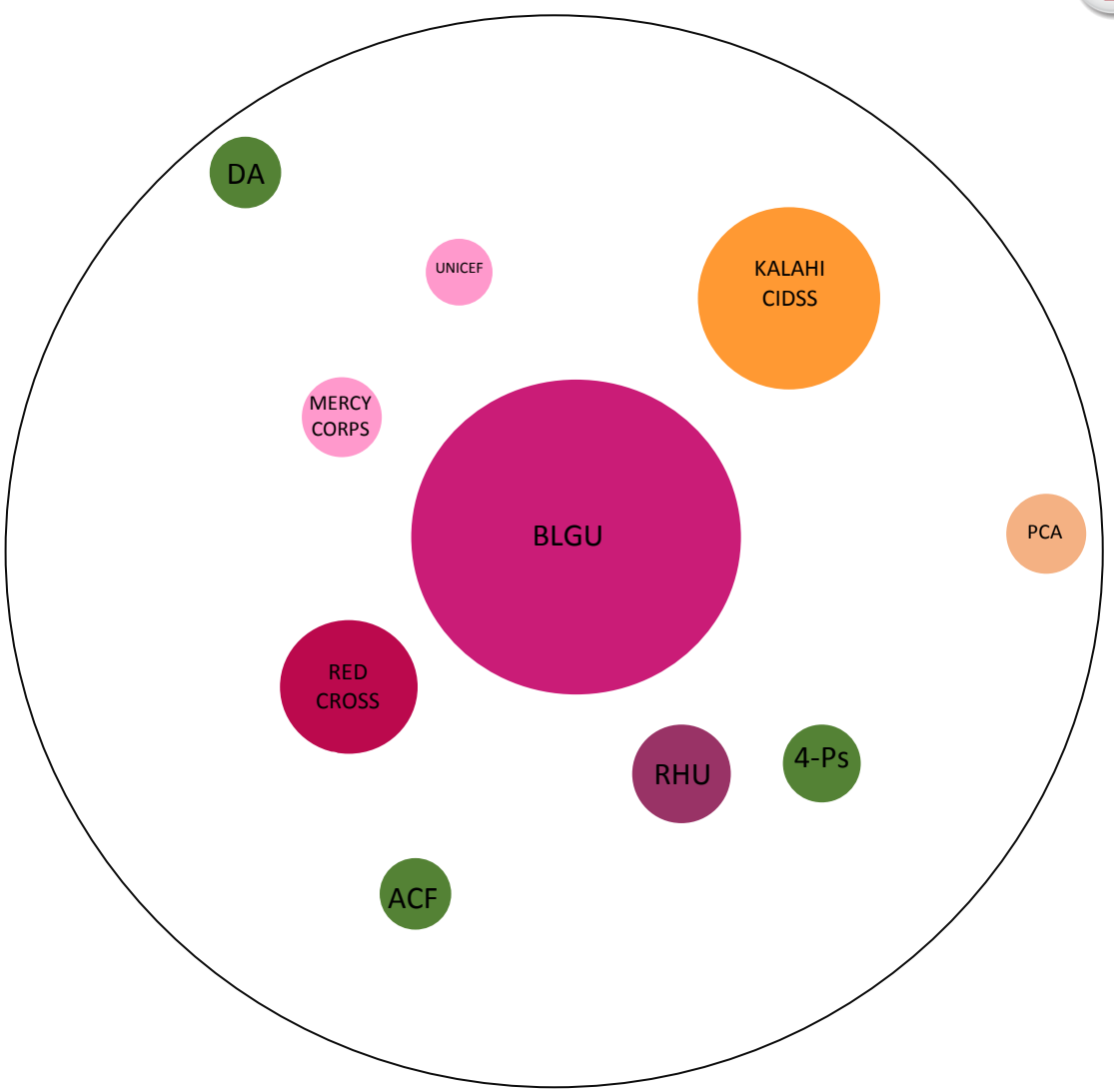
New Year’s Day
Women’s Day
Women’s Ass. Meeting
Farmer’s Association
Valentines Day
Planting season
Harvest season
Brgy. Assembly
Fiesta
Mass
Immunization
Semana Santa
Graduation
Pintakasi
Brigada eskwela
Mass treatment Schisto
Mother class
FDS (4P’s)
Fiesta minatay
Foundation day
Christmas
Rainy season
Dry season
Children’s Month

Barangay Aslum, Alang-alang, Leyte

VENN DIAGRAM

Output #4

4Ps
ACF
BLGU
DA
KALAHI-CIDSS
Mercy Corps
PCA
Red Cross
RHU
UNICEF



Barangay Aslum, Alang-alang, Leyte

VULNERABILITY and CAPACITY ANALYSIS

Output #5d

In partnership with American Red Cross

Hazard Aspect (TORNADO/WHIRLWIND)	Vulnerability	Capacities	Possible Action
Physical / Materials	*•Most of the houses are made up of light materials*	*•Presence of residents who are skilled workers* *•Availability of sources of materials that can be used to build more durable houses*	*•Plan to have a training to build sturdier houses*
Social / Organizational	*•Unavailability of devices that could detect upcoming tornadoes/whirlwind*	*•Residents are more than willing to help the barangay ask for assistance from responsible organizations*	*•Organize an awareness campaign and seminar on climate change*
Motivational / Attitudinal	*•Most of the residents lack knowledge in building sturdy houses*	*•Residents are willing to organize a seminar on how to mitigate the effects of such hazardous event*	*•Residents should have a first-hand experience or training on disaster risk reduction*