

## Chapter 3

# Sectoral Development Plan

### ECONOMIC SECTOR

#### Agriculture

##### a. Existing Situation

The Barangay of Malabang Hagonoy, Davao del Sur has a total land area of 466 hectares of fertile soil suitable to cultivation of various agricultural crops of which 341 hectares are effectively cultivated.

The major crops grown are sugarcane and banana. Other crops cultivated are coconut, mango, corn, other fruits and vegetables. (See Table \_\_\_\_\_ below)

Table No. \_\_\_\_\_. Area Devoted to Agricultural Crop Production  
Barangay Malabang, Hagonoy, Davao del Sur

Crops	Area (Hectare)	% To Total Land Area
Rice	25	5.36
Banana	90	19.31
Sugarcane	130	27.89
Coconut	50	10.72
Mango	18	3.86
Corn	8	1.71
Others	20	4.29
<b>TOTAL</b>	<b>341</b>	<b>100.00</b>

Source : Barangay Survey , June 2012

#### Irrigation Facilities

The Irrigation Water Facilities is covered mainly by the NIA MALRIS. Its service area covers five(5) barangays namely; Mangga, La Suerte, Burie, Kauswagan, & Malabang, Only one(1) dam is the source of irrigation system from MAL river wherein the Malabang is the downstream recipient of the said system.

### **Farm to Market Roads**

A total of 13.90 kilometers of all roads is existing in this barangay. Most of the roads are graveled road but during rainy season, the roads will become inconvenience due to heavy hauling trucks of sugarcane and daily passage of heavy dam trucks of sand & gravel so it needs for maintenance.

### **Milling Facilities, Warehouses, Dryers**

The barangay has no milling facility but has one mini warehouse owned by COOP and 5 units Solar dryer. These facilities mostly concentrated in rice, corn, copra, and bananas. However, a travelling rice mill is entering in the barangay from Magsaysay which the rice farmers mill their rice for consumption after harvesting.

### **Communication Facilities**

At present, the most convenient, fastest and dependable means of communication is by the use of cellphones or mobile phones. The farmers, middlemen, buyers are normally equipped with this facility. Other communication facility is Handheld Radio received from LGU Hagonoy. The barangay plans to purchase another Handheld Radio for Barangay Tanod.

### **Agricultural Support Program (Credit/Financing Services)**

The municipality of Hagonoy has only one (1) bank to serve the people located at Barangay Guihing. There are two micro lending, KMBI & CARD enter the barangay wherein farmers & clients borrow money with 3.2% interest rate monthly. Other farmers or residents borrows money from private persons with 10 to 20% interest rate monthly making the farmers hard up to pay. After harvest, the income of the farmers is not enough to pay their debts so there is a need for the barangay to tie up with NGOs or private associations to avail assistance with low interest rate on grant for farmers. However, in the sugarcane production the USPD and DASUSECO extend their agricultural loans to members with reasonable interest but automatically deducted during the release of the quedan.

### **Livestock and Poultry**

Poultry and Livestock in the barangay are mostly small scale and backyard-raised. With feed grains and other feed components readily available for poultry and livestock raising, yet there is insufficiency as against the demand of the local population.

Poultry and livestock/cattle production is a very sustainable and viable livelihood of the farmers. Like other agricultural crops, poultry and livestock are also sold to traders outside of the barangay.

## Fishery

The Bulatukan River along the lowland areas and quarry sites around 1.5kms from the center of the barangay is one of the fishing spot of the farmers during their leisure time. They catches fish using fish net, hook and line and pare hand usually when the water is swallow. The caught fishes are only for food consumption of the farmers.

The creeks/lake nearby Purok 7, when rainy days, these serve also as one of the fishing grounds for food consumption.

**Table No. \_\_\_\_ . Area, Location and Production of Fishing Grounds**  
Barangay Malabang, 2012

Fishing Ground (Purok)	Area	Volume of Catch		Value
		Average (kg/ha)	Total (kgs.)	
Puroks 2,4,5,6 & 7(Bulatukan River)	15 ha.	10	150	P 15,000.00
Puroks 6 and 7 (LAKE)	5 ha.	10	50	5,000.00

Source : DA, Hagonoy

## Crop Production

### Coconut Production

Coconut areas have decreased due to cutting of coconut trees because of its unproductiveness and its old age. Mostly, the areas are now planted with sugarcane and banana and the other coconut areas were devastated by floods.

### Rice Production

Palay production is quiet good but due to insufficient supply of water in irrigation canal, every cropping, we are late in planting for reason that the areas planted are downstream. Farmers are using uncertified seeds and adopting direct seeding with the Integrated Pest-Management System (IPMS).

The produce of the farmers are picked up by the traders and buyers directly in the area with reasonable price. Usually the buyers and traders are also the financiers of farm inputs on which the income or sales of the produce of the farmers are automatically deducted on their accounts.

### **Corn Production**

Corn production is not enough for the consumption requirements of the farmers itself that engaged the said crops due to small areas were planted and also because some areas were changed from corn to banana production.

### **Banana Production**

Barangay Malabang has 25 hectares Banana Cavendish expoted , managed and operated by theLapanday Foods Corporation ( LFC). The areas planted are rented by the company to the land owners. The presence of banana export helps the farmers because the land owners are employed as first priority. Other laborers are hired on call specially during harvest time. On the other hand, there are also large areas which are planted with local banana (kardava & lakatan)which are very adoptable and served as the main source of income of the farmers. Mostly the produce of these local banana are bought by the buyers from outside the barangay with a good price.

### **Sugarcane Production**

The operation of Davao Sugar Central Company at Guihing provided the much needed support of sugarcane farmers. Previous management had problems on the production area, which decreased radically. The volume of sugarcane delivered to the mill plant is far below its capacity.

### **Mango**

Around eighteen (18) hectares are planted with mango some are still nonbearing trees.

### **b.Situational Analysis**

- Irrigation water is observed to be insufficient to the demands of rice farmers during cropping season.
- There is a need to rehabilitate the main and distribution canals. The rehabilitation will require desilting, backfilling and concreting of linings of lateral canals.

- The lack of funds for the maintenance of this structure
- Lacking of fishing facilities.
- Increasing costs of mango production

### c. Goal

To work-out and implement rational and appropriate agricultural programs geared towards optimizing production in crops, poultry and livestock and fisheries for food security, and processing for export purposes.

### d. Objectives

- To increase, livestock, poultry and fishery production to meet the deficiencies in food balance in livestock poultry and fish requirements
- To sustain or increase production of commercial crops and graduate into processing for value added earnings
- To provide sufficient post-harvest facilities to arrest or minimize outflow of local products and for internal circulation;
- To provide adequate infrastructure facilities and institutional services to support production, distribution and marketing of products;

### e. Programs and Projects

PPAs	Location	Description	Time Frame	Cost	Fund Source	Implementing Agency
Irrigation water service area expansion to support increase in food production.	Purok 1	Expansion of canal linings	2014-2017	2M	NIA DPWH	NIA DPWH
Appropriate agricultural development technology extension	Brgy.	Practice of mixed-cropping, intercropping, crop rotation	2014-2017	25,000.00	BLGU MLGU	Brgy MLGU
Animal Dispersal Program	Brgy.	Provided animal dispersal	2014-2017	1M	DA PLGU MLGU	DA PLGU MAGRI

PPAs	Location	Description	Time Frame	Cost	Fund Source	Implementing Agency
Barangay Nursery Development Program.	Brgy.	Establish barangay nursery	2014-2015	10,000.00	BLGU	BLGU
Barangay barefoot Veterinarian/para-technicians	Brgy.	Designated and trained the technician	2014-2017	24,000.00	BLGU	BLGU
Provision of fishing facilities	Brgy.	Procured fishing nets,gears	2014-2017	5,000.00	BLGU DOLE DA-BFAR	BLGU DOLE DA-BFAR
Infrastructure (maintenance of farm-to-market roads, bridges and Riprapping )	Brgy.	Patching, motorgrading, concreting , riprapping of roads; scouring protection of bridge	2014-2017	250,000.00	MLGU BLGU DPWH	MLGU BLGU DPWH
Production, marketing and distribution program	Brgy	Reorganize/ Organize coops	2014-2016		BLGU Cooperatives POs/ Farmers Assn.	BLGU Cooperatives POs/ Farmers Assn.
Research and development programs.	Brgy	Provided skills training, demo farms	2014-2017	250,000.00	TESDA DA MAGRI	TESDA DA MAGRI
Provision of capital	Brgy	Provided additional capital for the purchase of farm inputs	2014-2017	500,000.00	PDF DOLE DA-BFAR	PDF DOLE DA-BFAR

## Industry

### a. Existing Situation

Most of the existing industrial establishments in the barangay are sari-sari stores followed by the Coconut Shingle making, Furniture (bamboo chairs) and the Tailoring & Dress making. Please refer to Table No. \_\_\_\_.

**Table No. \_\_\_\_\_. Existing Industrial Establishments**

Barangay Malabang, Hagonoy, Davao del Sur

Type of Establishment	2010	2011	2012
Coconut Shingles Making	9	9	9
Handicraft (Furniture)	2	2	2
Tailoring & Dress making	3	3	3
Banana	70	80	90
Sugarcane	130	130	130
Coconuts	50	50	50
Mango	18	18	18

Source : Business and Licenses, MO, MPDO, Hagonoy

In terms of employment generation, these industries implemented the policy on "locals first" for as long as the labor force has the appropriate skills required.

### b. Situational Analysis

- Lack of materials and capital and needs additional trainings for development. of handicraft such as bamboo chairs, bamboo beds, bamboo tables, cabinet and baskets but unable to establish formally in the barangay .
- The sari-sari store owners needs additional capital for the sustainability of the business because sometimes the customers cannot afford and they tend to purchase the goods in debt.

### c. Goal

To develop the skills of the individuals who are capable of doing the above mentioned abilities of the residents so that they can generate the needed investment, employment and revenues.

#### d. Objectives

1. To conduct techno-transfer trainings on small and medium scale industries
2. To conduct proper trainings for the development and improvement of their products.
3. To attract investors to locate the agri-based and non-agri-based environment friendly and labor intensive industries
4. To reclassify and designate suitable areas for development to an industrial estate and technoparks.
5. To attract investors to locate agri-based/non-agri based environment friendly and labor intensive industries.

#### e. Programs and Projects

PPAs	Location	Description	Time Frame	Cost	Fund Source	Implementing Agency
Post Harvest Facilities	Brgy.	Construction of Solar dryer	2014-2016	200,000.00	DA	DA
Provision of rice mill	Brgy.	Establishment of rice mill	2014-2016	200,000.00	Private sector	Private sector

### 3.2 Social Sector

#### Health

##### a.Existing Situation

The barangay health center has one (1) Rural Health Midwife, one (1) BNS and four (4) BHWs who are active performing other health services in the area and one (1) District Public School Nurse for Physical Health concern of the school children. The Barangay Council had requested Medical Mission every year in coordination with the partner NGO , the Dona Luisa Foundation and the municipal/provincial governments.



There are 138 children aged 0-5 years old weighed by the Barangay Nutrition Scholars. Of these, 136 have normal weight, 2 are below normal (BN) and zero on below normal low (BNVL). The barangay government recommended for the giving of supplemental feeding and promote backyard gardening to maintain the good nutrition among children.

There are 265 couples in the barangay who are considered capable of bearing children. It is 100% adaptors of family planning method . It means that they are already aware of the benefit of adopting family planning methods. The common family planning method used is pills.

### **b. Situational Analysis**

- Lack of medicines and equipments
- Needs supplemental feeding for malnourished children

### **c. Goal**

Provision of essential and quality health service delivery system as a means of achieving a quality life for all people of Malabang.

### **d. Objectives**

Reduce incidence of communicable Diseases and non communicable diseases

### **e. Programs/Projects**

PPAs	Location	Description	Time Frame	Cost	Fund Source	Implementing Agency
Conduct Medical Mission, free clinic	Brgy.	Conducted free check ups and medicines	2013-2017	25,000.00	BLGU MLGU DOH	BLGU MLGU DOH
Conduct of blood Letting	Brgy.	Blood donations	2013-2017	25,000.00	BLGU MLGU DOH	BLGU MLGU DOH

PPAs	Location	Description	Time Frame	Cost	Fund Source	Implementing Agency
Conduct of Mothers class and supplemental feeding	Brgy.	Mothers class conducted and feeding of children	2013-2017	10,000.00	BLGU MLGU DOH	BLGU MLGU DOH
Conduct of family planning	Brgy.	Lectures to MCRA	2013-2017	5,000.00	BLGU MLGU MHO	BLGU MLGU MHO
Provision of philhealth sa masa	Brgy.	Registered philhealth	2013-2017	50,000.00	PLGU MLGU	PLGU MLGU
Purchase of medicines and equipments	Brgy.	Procured medicines	2013-2017	50,000.00	BLGU MLGU	BLGU MLGU

## Social Welfare

### a. Existing Situation

The Social Welfare organizations and instrumentalities present in the barangays are the Government ,NG and POs :

1. Barangay Women Association
2. Barangay Senior Citizens Association
3. Barangay Nutrition Committee
4. Barangay Council for the Protection of Children
5. Barangay Disaster Coordinating Council
6. Preschool PTA/Parents Group

### b. Situational Analysis

- Lack of organizational capacity and skills of the BDRRMC
- Lack of disaster preparedness trainings and seminars
- Lack of emergency response equipments
- Lack of buildings/centers for: women, seniors, daycare center, disaster operations center
- Provide livelihood skills training and financial assistance

**c. Goal**

To uplift the living conditions of the distressed and disadvantaged individuals, families, groups and communities for them to become self-reliant and active participants in local development.

**d. Objectives**

1. Care, protect and rehabilitate the socially disadvantaged constituents for effective social functioning
2. To provide social welfare service package to clientele on the basis of their needs
3. To provide relief and appropriate crisis interventions for the victims of abuse and exploitation
4. To strengthen the programs towards the total development and protection of children
5. To initiate measures that will improve the livelihood and economic condition of the inhabitants
6. To enable greater participation of women in the over-all municipal development efforts

**e. Programs and Projects**

PPAs	Location	Description	Time Frame	Cost	Fund Source	Implementing Agency
Construction of appropriate buildings	Brgy.	Construct the centers: Women; Senior citizens; Daycare center; Disaster operations center	2013-2017	2M	DSWD CDF PLGU BLGU MLGU	DSWD DPWH PLGU BLGU MLGU

PPAs	Location	Description	Time Frame	Cost	Fund Source	Implementing Agency
Trainings and seminars on BDRRMC organization, disaster preparedness	Brgy.	Trainings and seminars conducted	2013-2017	50,000.00	DSWD PLGU BLGU MLGU	DSWD PLGU BLGU MLGU
Livelihood Development Program	Brgy.	Trainings conducted and provided capital	2013-2017	500,000.00	DSWD PLGU BLGU MLGU	DSWD PLGU BLGU MLGU
Procured emergency and disaster equipments /supplies	Brgy.	Purchased equipments and supplies	2013-2017	250,000.00	BLGU MLGU	BLGU MLGU

## Education

### a. Existing Situation

The barangay has one (1) complete elementary school with available power and water connections.

The pupils -teachers ratio showed 29:1;while the classroom- pupil ratio is 1: 29.

Teachers – 7            example enrolment 200 divide 7  
Classrooms – 7

### b.Situational Analysis

- Needs repair and rehab of the school building
- Lack of other non-academic buildings like Home Economics and Library
- Needs to be updated with recent development in InformationTechnology by constructing a computer laboratory, with computer equipments and internet provider
- Needs safety and security of the campus through perimeter fencing
- Needs improvement of school stage

**b. Goal**

To enhance technology and technical education of the school age through available facilities/equipments and skills training

**c. Objectives**

- To provide internet connection, computer equipments and laboratory
- To rehab, improve and construct the needed academi and non-academic buildings
- To secure the periphery of the school campus with concrete fencing

**e. Programs and Projects**

PPAs	Location	Description	Time Frame	Cost	Fund Source	Implementing Agency
1.Construction of H. E. building	School	Construction of the building	2013-2017	P500,000.00	DEPED MLGU PLGU	DPWH MEO PEO
2. Construction of Library Building	School	Construction of the building	2013-2017	P500,000.00	DEPED MLGU PLGU	DPWH MEO PEO
3. Information Communication and Technology/Computer Building	School	Construction of the building	2013-2017	P1M	DEPED PLGU	DPWH PEO
4. School Stage	School	Expansion and improvement of school stage	2013-2017	P200,000.00	MLGU PLGU	MEO PEO
5.Repair of school building	School	Rehab and improve the building	2013-2017	200,000.00	DEPED PLGU MLGU	DEPED PLGU MLGU
6.Perimeter Fencing	School	Concreting of school fence	2013-2017	200,000.00	MLGU PLGU	MLGU PLGU

## **Sports and Recreation**

### **a. Existing Situation**

The most common sports and recreation facilities existing in the barangay is the open basketball courts. A total of five (5) units are present in the barangay which can be utilized by basketball and volleyball aside from cultural presentation.

There is one (1) covert court which is usually used as basketball court and also serves as the venue of assembly meetings programs and other gatherings. Two (2) of which are owned by the cooperative and the other four (4) units including the covered court are government-owned and for the use of the general public.

There are also some recreational activities such as billiard(2 units) and videoke machines(2 units). Residents spend their leisure time in playing billiard and sing along using videoke machine instead of drinking liquors and illegal activities.

### **b.Situational Analysis**

- Needs children playground facilities for the school and barangay site plaza
- Needs repair for the existing children playground
- Lack of sports supplies and equipments
- Needs the athletic ground development
- Maintenance and Improvement of Multi-Purpose Pavement/Covered Court

### **c. Goal**

Ensure the optimum utilization of the barangay Human Resources into healthy, dynamic and economically productive constituents through maximized and rationalized use of leisure time and recreation.

### **d. Objectives**

- To conduct regular sports activities and competitions to start from the purok level, the barangay and culminate by district in the municipal level annually.
- To provide basic sports and recreation facilities in strategic and appropriate areas in the barangay.
- To provide sufficient funding allocation for the acquisition of sports equipment in the barangay through the Sangguniang Kabataan Officials.
- To organize a barangay sports council to oversee the implementation of sports development activities.
- To minimize if not eradicate illegal gambling activities in the barangay.

### e. Programs/Projects/Activities

PPAs	Location	Description	Time Frame	Cost	Fund Source	Implementing Agency
1. Organization of the sports council	Brgy.	Organized the sports council	2014	P5,000.00	BLGU	BLGU
2. Establish a Barangay Camp for BSP/GSP	Brgy.	Designated an area for the camp	2013-2015	20,000.00	BLGU MLGU	BLGU MLGU
3. Athletic grounds development	Brgy.	Elevated, patching and motorgraded the ground	2013-2017	50,000.00	BLGU	BLGU
4. Construction of Barangay Library	Brgy.	Constructed the building with information and reading materials	2013-2017	500,000.00	PLGU MLGU DEPED	PLGU MLGU DEPED
5. Conduct of fun run	Brgy.	Organized the fun run	2013-2017	250,000.00	BLGU MLGU Private	BLGU MLGU Private
6. Repair of Multi-Purpose Pavements/Open Basketball Courts	Brgy.	Repaired the facilities	2013-2017	500,000.00	BLGU MLGU PLGU	BLGU MLGU PLGU
7. Establishment of children's Playground Facilities and Park	Brgy.	Installed children's playground facilities and developed the park	2013-2017	200,000.00	BLGU MLGU PLGU	BLGU MLGU PLGU

## Peace and Order

### a. Existing Situation

The barangay as one (1) barangay tanod outpost with twenty (20) members that will maintain the peace and order. There is one (1) army detachment based at the boundary of Clib and San Guillermo that covers in areas within its jurisdiction and six (6) neighboring barangays. Barangay Peacemaking Action Team was organized to monitor surroundings and their respective puroks.

### **b.Situational Analysis**

- Cases of qualified thief and some illegal activities.
- Needs mobile patrol ambulance, facilities , equipments and supplies for the volunteers
- Needs to strengthen the existing volunteers

### **c. Goal**

To increase the capability of protective services in the barangay and for the whole Municipality of Hagonoy

### **d. Objectives**

- a. To activate and make functional existing community volunteer groups;
- b. To provide needed facilities and services for community protection.

### **e.Programs/Projects**

<b>PPAs</b>	<b>Location</b>	<b>Description</b>	<b>Time Frame</b>	<b>Cost</b>	<b>Fund Source</b>	<b>Implemen-ting Agency</b>
Capability Building Program	Brgy.	Conducted the trainings and seminars for the brgy. Tanods, Brgy. Peacemaking Action Team	2013-2017	50,000.00	BLGU MLGU	BLGU MLGU
Disaster Preparedness Program	Brgy.	Conduct of fire drills; prepared disaster plan	2013-2017	50,000.00	BLGU MLGU	BLGU MLGU
Procurement of mobility support, equipments, supplies	Brgy.	Procured mobile patrol/ambulance ; equipments, supplies	2013-2017	500,000.00	BLGU MLGU	BLGU MLGU



### 3.3 INFRASTRUCTURE SECTOR

#### Transportation

##### a. Existing Situation

Malabang has a population of 1023 with 272 household based on 2012 barangay survey.

The inventory of road network in the barangay conducted by the Municipal Planning and Development Office and the Barangay survey showed a total 13.40 kilometers.

There is a bridge ,the MASALAM Bridge which is the only link between Malabang and the Barangays Lapulabao and Mahayahay, to Digos City and the southern municipalities of the province as well as the provinces of south Cotabato and Sultan Kudarat.

The presence of sugar mill in Guihing pass by the MASALAM Bridge considering the sugarcane haulers that use these facilities particularly during the milling season. Further, the hauling of corn, copra, palay and other agricultural products also use the bridge.

For the trimotors and other transport vehicles from the barangay plying to and from the municipality use a portion of the mini gym as parking.

**Table No. \_\_\_\_\_ Inventory of Public Modes of Transportation**  
Barangay Malabang,Hagonoy, Davao del Sur

Type	Number
<b>A. Land</b>	
1. Jeepneys	0
2. Tricycles	0
3. Trimotor	4
4. Trisikad	0
5. Skylab/Motorcycle	47

Source: \_\_\_\_\_

### b. Situational Analysis

- The MASALAM bridge required upgrading and improvement with high tonnage capacity and protection of the scouring of the riverbank that may endangers the bridge to collapse
- Needs the repair and rehab of the provincial and barangay roads due to use of truck haulers of sugarcane and other crops
- Needs appropriate terminal facilities and parking areas

### c. Goal

To provide effective and efficient transportation support facilities for the overall development of the municipality.

### d. Objective

- To upgrade and rehabilitate roads to improve road network linking the barrage
- To upgrade and maintain the MASALAM Bridge
- To provide parking areas and terminal for the transport facilities

### e. Programs/Projects

PPAs	Location	Description	Time Frame	Cost	Fund Source	Implementing Agency
Road rehab and maintenance	Brgy.	Road Patching, Gravelling, Motorgrading	2013-2017	250,000.00	BLGU MLGU Private	BLGU MLGU Private
Upgrading and maintenance of MASALAM Bridge	Brgy.	Upgrading to high tonnage capacity; protection of scouring of the river banks	2013-2017	2M	DPWH MLGU	DPWH MLGU
Establishment of Parking areas and terminal	Brgy.	Established parking facility and terminal	2013-2017	500,000.00	CDF PDF MLGU	DPWH PEO MEO

## Communications

### a. Existing Situation

At present, the most convenient, fastest and dependable means of communication is by use of cellphone/mobile phones. The farmers, middleman and dealers of farm product and livestock are normally equip with this facilities. Other communication facility is handheld radio received from the LGU Hagonoy.

### b.Situational Analysis

- Late arrival of letters from the municipal post
- Lack of Information Communication Technology Equipments
- Lack of Cell sites
- Needs additional hand held radios

### c. Goal

To be able to provide the barangay the access to modern communications and technology towards global competitiveness.

### d. Objective

To establish a reliable and efficient communication facilities like the adoption of Community-eCenter (CeC) towards access to wider information globally.

### e.Programs/Projects

PPAs	Location	Description	Time Frame	Cost	Fund Source	Implementing Agency
Information Community Technology Advancement	Brgy. Hall	Provided internet connection and computer equipments	2013-2017	150,000.00	BLGU CICT MLGU	BLGU CICT MLGU
Additional cellsites	Brgy.	Installed cellsites	2013-2017		Private	Private
Purchase of Handheld radios	Brgy.	Procured hand held radios	2013-2017	60,000.00	BLGU MLGU	BLGU MLGU

## Water

### a. Existing Situation

The barangay has availed of the funding from the Department of Agriculture/Mindanao Rural Development Program for the construction of Level II Water Works System which provides potable water supply for household use.

The most common sources of water supply in the barangays for households are the Level I /shallow wells or point sources with a total of 166 units while the deep wells totalled 104 units.

**Table No. \_\_\_\_\_ Water Sources**  
Barangay Malabang, 2012

Purok	Deep Well/Level 2			Shallow Well/Jetmatic Pumps		
	Number	HHs Population Served		Number	HHs Population Served	
		No.	%		No.	%
Purok 1	6	48	23	2	6	3
Purok 2	1	6	3	2	5	3
Purok 3	0	0		3	15	9
Purok 4 w/level 2	4	115	55	2	50	29
Purok 5 w/ level 2	4	40	19	5	45	26
Purok 6	0	0		10	36	21
Purok 7	0	0		3	15	9
<b>TOTAL</b>		<b>209</b>			<b>172</b>	

Source: Brgy. Survey, Year 2012

### b. Situational Analysis

- Needs additional jetmatic pumps
- Requires water sampling for those existing water sources if potable source
- Needs repair and replacement of damaged parts
- Needs expansion and upgrading to level 3 of MAWASA Pipe distribution lines

### c. Goal

To ensure the provision of sufficient, safe and potable water supply for the entire barangay.

d. Objective

To be able to distribute sufficient water supply services to various household by the end of planning 2017.

e. Programs/Projects

PPAs	Location	Description	Time Frame	Cost	Fund Source	Implementing Agency
1.Expansion of MAWASA water distribution lines	Brgy.	Extended the MAWASA service area and the pipes to households; Construction of additional concrete reservoir	2013-2017	700,000.00	BLGU MLGU PLGU	BLGU MEO PLGU
2.Installation of level 1 and 2 to interior puroks	Brgy.	Installed water sources level 1 and 2	2013-2017	250,000.00	BLGU MLGU PLGU	BLGU MLGU PLGU
3.Repair and replacement of damaged parts for level 1 water sources	Brgy.	Repaired and replaced the damaged part	2013-2017	50,000.00	BLGU MLGU PLGU	BLGU MLGU PLGU
4.Small Water Impounding Project	Brgy.	Construction of SWIP	2013-2017	200,000.00	BLGU MLGU PLGU	BLGU MLGU PLGU

## Power

### a. Existing Situation

The power needs of the Barangay is supplied by the Davao del Sur Electric Cooperative, Incorporated based at Cogon, Digos, Davao del Sur. The electric cooperative is served to about 200 households. To date, other households are still using kerosene to about 69 households.

For cooking, majority of the households use wood or bamboo.

Table No. \_\_\_\_\_ Household by Kind of Fuel Used for Cooking

Type of Fuel Used	Number of Households	Percentage (%)
Electricity	32	11.8
Kerosene	3	1.1
LPG	4	1.7
Charcoal	40	14.8
Wood/Bamboo	190	70.6
<b>TOTAL</b>	<b>269</b>	

Source: Barangay Survey, Year 2012

### a. Situational Analysis

1. Lack of power lines to interior part of Purok of the barangay
2. Increasing cost of power connection
3. Other household failed to install and connect electrical wirings due to financial constraint

### c. Goal

To spread the benefit of electricity to the people in the remote puroks so as to induce development take-off as well as attract investors to the municipality.

d. Objectives

1. To be able to expand the power lateral lines to identified and prioritized areas of the Puroks within the barangay.
2. To provide electric posts and streetlights.
3. To maintain and replace damaged units/accessories of the existing streetlights.

e. Programs/Projects

PPAs	Location	Description	Time Frame	Cost	Fund Source	Implementing Agency
1. Installation and rehab of power lines	Brgy.	Extension of power posts and lines to the interior puroks	2013-2017	2M	NEA DASU RECO	NEA DASU RECO
2. Repair and rehab of existing power posts	Brgy.	Repaired the damaged parts	2013-2017	50,000.00	DASU RECO BLGU	DASU RECO BLGU

**Drainage and Sewerage**

a. Existing Situation

Drainage facilities of the barangay Malabang are mostly along the service roads of NIA particularly in areas where rice cultivation is present as they are also used as irrigation canals.

Barangay sites in this barangay have man made canal line drainage canals.

Likewise, LFC banana areas canals have their drainage also which is eventually ended up in Bulatukan river.

b. Situational Analysis

1. Clogged drainage system due to indiscriminate disposal of households wastes such as plastics and other trash.
2. Irrigation canals used as drainage system.
3. Dilapidated canals.

c. Goal

To have an efficient drainage system of the barangay

d. Objectives

1. To evaluate the existing drainage system and come up with a technical plan to mitigate drainage problems.
2. To formulate and implement proper drainage maintenance regimen.

e. Programs/Projects

PPAs	Location	Description	Time Frame	Cost	Fund Source	Implementing Agency
1. Concreting or riprapping of drainage canals	Brgy.	Improved the drainage canals	2013-2017	2M	NIA CDF	NIA DPWH
2. Declogging of drainage system	Brgy.	Clearing, desilting and declogging of canals	2013-2017	100,000.00	NIA BLGU	NIA BLGU
3. Formulate drainage inventory and plan	Brgy.	Prepared the drainage inventory and plan	2013-2017	50,000.00	NIA BLGU	NIA BLGU



## 3.4 ENVIRONMENTAL SECTOR

### Solid Waste Management

#### a. Existing Situation

There is a scheduled of garbage collection monthly every third Wednesday at the barangay MRF by the municipal equipments on non-biodegradable.

Other designated area on wastes collection is at the barangay gymnasium since this facility is often used for various activities.

An ordinance was issued for the implementation of segregation of wastes at source.

#### b.Situational Analysis

- Needs garbage receptacles/containers to be placed at strategic areas and streets
- No solid waste management plan
- Needs mini dumptruck for garbage collection and disposal
- Needs to regulate the burning of wastes

#### c.Goal

To promote healthy and safe environment for the population

#### d.Objectives

- To procure a mini dumptruck for the waste collection and disposal
- To formulate the solid waste management plan
- To construct MRF every purok

**e. Programs/Projects**

<b>PPAs</b>	<b>Location</b>	<b>Description</b>	<b>Time Frame</b>	<b>Cost</b>	<b>Fund Source</b>	<b>Implementing Agency</b>
Procurement of mini dump truck	Brgy.	Purchased the mini-dumptruck	2014-2016	450,000.00	PLGU BLGU	PLGU BLGU
Construct MRF in every purok	Brgy.	Construct MRF	2014-2015	120,000.00	PLGU BLGU	PLGU BLGU
Formulation of solid waste management plan	Brgy.	Formulated the plan	2014-2016	50,000.00	PLGU MLGU BLGU	PLGU MLGU BLGU

**River Protection and Control**

b. Existing Situation

The Padada(Bulatukan ) River passes through the Malabang about four (4) kilometers. Quarry concessioners about (4) which extracted sand and gravel with the appropriate permits and clearances.

Flash flooding occurred that damaged major crops like coconuts, banana, sugarcane and corn.

b.Situational Analysis

- Needs desilting of the Malabang Dam and downstream
- Needs protection of scouring of the river bank
- Needs tree planting
- Needs to regulate the issuances of quarry permittees

c.Goal

The Padada(Bulatukan )River shall be protected from excessive quarrying and scouring of the riverbanks.

d.Objectives

- To quarry permittees make sure that the by-products, big boulders and other sources not included in the delivery shall serve as riverbank protection
- To conduct tree planting along the river banks

e.Programs/Projects

PPAs	Location	Description	Time Frame	Cost	Fund Source	Implementing Agency
Riverbank protection and control	Brgy.	Tree planting; the quarry permittees to embank the extra mineral resources along the river bank ; Prohibited the cutting of trees	2013-2017	10,000.00	BLGU PLGU	BLGU PLGU
Rehab and desilting of the dam	Brgy.	Desilting of the dam	2013-2017	2M	NIA	NIA
Maintenance of the bridge columns	Brgy.	Delivered boulders and concrete blocks to the surroundings of the bridge columns	2013-2017	500,000.00	MLGU	MLGU
Regulate the approval of quarry permits	Brgy.	Non-issuance of barangay clearances	2013-2017	5,000.00	BLGU	BLGU