

Chapter

Sectoral Development Plan

ECONOMIC SECTOR

AGRICULTURE

a. Existing Situation

Barangay Mahayahay, Hagonoy, Davao del Sur has a total land area of 753 hectares of fertile soil suitable for cultivation at various agricultural crops which covers 91.8% of the total Land area.

The major crops grown are sugarcane. Other crops cultivated are mango, coconut and banana.

**Table No. _____ Area Devoted to Agricultural Crop Production
Barangay Mahayahay, Hagonoy, Davao del Sur**

Crops	Area (Hectare)	% Total Land Area
Sugarcane	573.15	76.2
Banana	5.50	2.25
Coconut	35.25	4.68
Mango	65.30	8.67
Others	65.05	8.20

Source: Barangay Survey, Year ____

a. 1 Farm to Market Roads

A total of 11.5 kilometers of farm to market roads is existing in this Barangay. Most farm to markets roads are earth roads since the patching of aggregates will be eroded during rainy days. The bad condition of most farm to market roads contributed to the low market prices, high cost of transportation and ultimately to low income of farmers.

a. 2 Milling Facilities

The nearest milling site of sugarcane is located at Guihing, Hagonoy, Davao del Sur which is the Davao Sugar Central Corporation. Due to insufficiency of hauling trucks since their will be simultaneous sugarcane cutting and urgency of needs to dispose the said farm products, the farmers are forced to sell their products to low prices.

a.3 Communication Facilities

At present the most convenient, fastest and dependable means of communication is by the use of cellphones or mobile phone. Most of the farmers are equipped with this facility for any negotiation during harvest season.

a.4 Agricultural Support

There is only two (2) credit financing services operating and serving the financing needs of the farmers in our Barangay. However, credit and financing services are also available from private entities, planter's cooperative and Davao Sugar Central Corporation.

a.5 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.

Table No. _____ Household Raising Livestock and Poultry
Mahayahay, Hagonoy, Davao del Sur

Livestock	P1	P2	P3	P4	P5	P6	P7	Total
Cattle	31	42	27	13	56	66	28	268
Carabao	16	23	13	9	31	21	35	148
Goat	93	74	32	45	43	82	58	427
Swine	86	35	25	11	28	79	36	300
Turkey	4	10	4	8		8		34
Duck	27	18	24	23		4		96
Chicken	265	8,328	420	250	95	929	158	10,410

Source: Barangay Survey, Year ____

a.6. CROPS PRODUCTION

a. 6.1 Coconut Production

Coconut planted areas are tremendously decreasing for about 35.25 hectares at present since year 2008. The main reason for the massive cutting down of coconut trees is the change of crop, from coconut to sugarcane to banana. The secondary causes are the high susceptibility of crops to the world market prices and the need for coconut lumber in the housing and other construction needs.

a.6.2 Banana Production

Banana production is increasing in our Barangay, due to marketing opportunities traders from outside the municipality offer higher price than those from within. To some extent, this is aggravated by the "suki-suki" system where the farmers are too dependent on the traders and inputs suppliers for their daily domestic needs /expenses with the future produce as guarantee.

a.6.3. Sugarcane Production

The operation of Davao Sugar Central Corporation at Guihing provided the much needed support of sugarcane farmers. Previous management had problems on the production area which required area expansion to other barangays. Since the volume of sugarcane delivered to the mill plant is far below its capacity.

Table No. _____ Major Crops Production
Mahayahay, Hagonoy Davao del Sur

Crop	Annual Production (MT)	Average Yield/Ha (MT)
Sugarcane	22,926.00	40MT/Ha
Mango	156	3MT/Ha.
Coconut	28.200	.8MT/Ha.
Banana	33	6MT/Ha.

Source: Barangay Survey, Year _____

b. Situational Analysis

Low production due to mixed cropping farming practices where in the crops, compete against soil nutrients water, and sunlight.

Shifting of crops planted to high valued crops like sugarcane and banana.

Poor farming technology and use of inorganic fertilizers.

Decrease in production during dry season.

Farm to Market Road unpassable during wet season, which majority of the roads is graveled/earth surface.

Lack of financial assistance from Government Institutions and private sector.

c. Goal

To implement rational and appropriate agricultural program geared towards optimizing the production in crops, poultry and livestock for food security.

d. Objectives

1. Considering the development constraints, problems and issues in the economic sector of the Barangay, the following objectives are set:
2. To increase livestock and poultry production to meet the deficiencies in food balance for domestic consumption purposes.
3. To sustain or increase production of commercial crops and invest into processing for value added earnings on bananas or sugarcane.
4. To promote sustainable agricultural practices and to lessen the use of pollutants and inorganic agricultural inputs.
5. 4. To provide adequate infrastructure facilities like roads , institutional or credit services to support production, distribution and marketing of products.

e. Programs and Projects

PPAs	Location	Description	Time Frame	Cost	Fund Source	Implementing Agency
1. Construction of additional farm to market roads	Purok 1,2 & 6	Construction of Additional Farm to Market Roads, 3 km.	2013 to 2017	12.5 million	CDF, PDF MDF	DPWH, PEO Municipal Government
2. Animal Breeding Center	Purok 6	Const. of the Bldg.	2013 to 2017	150,000.00	PDF MDF	DPWH, PEO Municipal Government
3. Barangay Nursery Dev't. Program	Purok 6	Propagation of fruit trees seedlings	2013 to 2017	50,000.00	PDF MDF	PAO MAO
4. Installation of Drip Irrigation	Purok 1 to 7	Purchase & installation of pipes distribution lines	2013 to 2017	500,000.00	NIA, PDF	PEO MEO & NIA
5. Barangay Agri-Technician	Brgy. Hall	Designate or Appoint the worker	2013 to 2017	100,000.00	BLGU MDF PDF	Barangay Council Provincial and Barangay Government
6. Livelihood skills training and financial support	Barangay wide	Conduct of trainings and access of financial support	2013-2017	500,000.00	TESDA, DOLE, DTI, Private	TESDA,DOLE, DTI, Private

Source: Barangay Survey, Year ____

INDUSTRY

a. Existing Situation

Barangay Mahayahay is an agri – industrial upland Barangay with agri- based plantation.

b. Situational Analysis

1. Additional construction of multi-purpose pavements
2. Lack of renewable source of energy

c. Goal

To transform Mahayahay from agricultural to agri-industrial Barangay with developed micro, small, medium and large enterprises which generate the needed investment employment and revenue.

c. Objectives

1. To conduct techno-transfer trainings on small and medium scale industries.
2. To reclassify and designate suitable areas for development to an industrial estate and techno parks.
3. To formulate an investment code in the Barangay.

e. Programs and Projects

PPAs	Location	Description	Time Frame	Cost	Fund Source	Implementing Agency
1. Construction of Multi-purpose pavements	Puroks 4 and 5	Const. of MPP , 2 units	2103-2017	1.4M	PDF, CDF	PEO, DPWH
2. Installation/ Establishments of solar energy	Puroks 2 and 3	Installation of Solar Energy project covering 40 has.	2014-2017	1.6B	NEA, DASUR ECO	NEA, DASURECO

TOURISM

a. Existing Situation

Tourism as an industry in the Barangay is not yet develop, but the panoramic view of Mahayahay allows the person to overlook the whole municipality and the potential establishment of Solar Energy Project.

b. Situational Analysis

1. Lack of investment locator for Renewable Energy Project.
2. Lack of Information Education campaign for the panoramic viewing.

c. Goal

To promote and develop the tourist destination areas and ultimately become one of the eco-tourism site in the barangay.

d. Objectives

Specifically, the development of tourism industry in the Barangay is aimed towards:

1. Development of an eco-educational- tourism site in the Barangay.
2. Organization of Barangay Tourism Council.

e. Programs and Projects

PPAs	Location	Description	Time Frame	Cost	Fund Source	Implementing Agency
1. Organization of Barangay Tourism Council	Purok 2, 3, 4 & 7		2013 to 2017	500,000.00	PDF, MDF, BDF	PLGU, MLGU, BLGU
2. Upgrading of Provincial and Barangay Roads	Purok 1 to 7	Gravelling, Scraping, 6.5km and concreting of Barangay Roads,5 km.	2013 to 2017	4.8M 10M	PDF, MDF, BDF	PEO, MEO, Barangay
3. Promote and maintain peace and order situation	Purok 1 to 7	Construction of Tanod Outpost and conduct foot patrol	2013 to 2017	100,000.00	BDF, MDF	Barangay, MEO
4. Establishment of Solar Energy Project	Purok 2 and 3	Construction of Solar Energy Project	2013 to 2017	1.6B	NEA, DASU RECO	Foreign Investors

SOCIAL SECTOR

HEALTH

a. Existing Situation

The Barangay Health Center has one (1) Rural Health Midwife, one (1) Barangay Nutrition Scholar (BNS) and seven (7) Barangay Health Workers who are performing other health services.

b. Situational Analysis

1. Lack of necessary medicines
2. Lack of information on personal hygiene and food preparation.

c. Goal

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

d. Objectives

1. To conduct mothers class regarding personal hygiene and proper food preparation.
2. To reduce mortality rate on pregnant women and children.

e. Programs and Projects

PPAs	Location	Description	Time Frame	Cost	Fund Source	Implementing Agency
1. Reduction on the incidence of communicable diseases	Purok 1 to 7	Conduct mother's class and weekly consultation of Rural health Physician	2013 to 2017	50,00 0.00	PDF	PSWDO
					MDF	MSWDO
					BLGU	Barangay Council
2. Prevention of complications from non-communicable diseases	Purok 1 to 7	Conduct mother's class and weekly consultation of Rural health Physician	2013 to 2017	50,00 0.00	PDF	PSWDO
					MDF	MSWDO
					BLGU	Barangay Council

SOCIAL WELFARE

a. Existing Situation

There are different social services with organized organizations in our Barangay such as;

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

b. Situational Analysis

1. Absence of Women and Senior citizens buildings.
2. Lack of disaster preparedness trainings and seminars

c. Goal

To uplift the living conditions of the constituent 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 strengthen the programs towards the total development and protection of the children.
4. To initiate measures that will improve the livelihood and economic condition of the individuals.
5. To enable greater participation of woman in the Barangay development.

e. Programs and Projects

PPAs	Location	Description	Time Frame	Cost	Fund Source	Implementing Agency
1. Construction of Senior Citizen & Women's Building	Purok 6	Construction of Senior Citizen & Women's Building	2013 to 2017	500,000.00	PDF	PEO
					MDF	MEO
2. Construction of Building for the handicapped	Purok 6	Construction of Building for the handicapped	2013 to 2017	300,000.00	PDF	PEO
					MDF	MEO

SPORTS AND RECREATION

a. Existing Situation

The most common sports and recreation facilities existing in the Barangay are the basketball court and covered court.

b. Situational Analysis

1. Lack of sports facilities and equipments
2. Absence of volleyball court
3. Absence of children's playground

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 enable the populace to cope up with the need to maintain a mentally alert and spiritually sound mind, physically healthy bodies and to promote smooth, interpersonal relationship, camaraderie, strong sense of mutual respect, the following objectives are set:

1. To conduct regular sports activities and competition to start from Purok level.
2. To provide basic sports recreation facilities in strategic and appropriate areas in the Barangay.
3. To provide sufficient funding allocation for the acquisition of sports equipment in the Barangay.
4. To minimize or eradicate illegal gambling activities in the Barangay.

e. Programs/Projects/Activities

PPAs	Location	Description	Time Frame	Cost	Fund Source	Implementing Agency
1. Organization of Sports Council	Purok 1 to 7		2013 to 2017	50,000.00	PDF MDF BLGU	PEO MEO Barangay Council
2. Road Improvement & upgrading	Purok 1 to 7	Grading and Gravelling of Barangay & Provincial roads	2013 to 2017	500,000.00	PDF MDF BLGU	PEO MEO Barangay Council
3. Construction of Public Libraries	Purok 6	Construction of Public Libraries	2013 to 2017	500,000.00	PDF MDF	PEO MEO
4. Repair & Maintenance of Multi-Purpose Pavement	Purok 6	Repair & Rehab. Of Multi-Purpose Pavement	2013 to 2017	500,000.00	PDF MDF	PEO MEO
5. Construction of Children's Park	Purok 6	Construction of Children's Playground	2013 to 2017	500,000.00	PDF MDF	PEO MEO

Source: Barangay Survey

PEACE AND ORDER

a. Existing Situation

Barangay Mahayahay has eight (8) Tanod members. Their main duties and responsibilities are to safeguard and protect the life and properties of the people.

b. Situational Analysis

1. Rampant cases of robbery

c. Goal

To increase the capability of protective service volunteers in the Barangay.

d. Objectives

1. To activate and make functional the existing community volunteer groups.
2. To provide needed facilities and services for community protection.

e. Programs and Projects

PPAs	Location	Description	Time Frame	Cost	Fund Source	Implementing Agency
1. Conduct Trainings & Seminars to all Peacekeepers	Purok 1 to 7	Trainings & Seminars of all Peacekeepers	2013 to 2017	50,000.00	PDF MDF BLGU	PLGU, MLGU, BLGU
2. Provision of appropriate supplies & Equipments	Purok 1 to 7	Purchase of Appropriate Supplies & Equipments to all Peacekeepers	2013 to 2017	200,000.00	PDF MDF BLGU	PLGU, MLGU, BLGU
3. Construction of Tanod Outpost	Purok 6	Construction of Tanod Outpost	2013 to 2017	100,000.00	PDF MDF	PEO MEO

INFRASTRUCTURE SECTOR

TRANSPORTATION

a. Existing Situation.

Mahayahay has a population of 1802 and the most common mode of transportation in our barangay is motorcycle.

**Table No. _____ Mode of Transportation
Mahayahay, Hagonoy, Davao del Sur**

Type of Vehicle	Utility Type	Total No.
Tricycle	Public	3
Motorcycle	Private	79
Truck	Private	6
Multicab	Private/Public	2

Source: Barangay Survey

b.Situational Analysis

1. Insufficient road network
2. Needs a bridge to link with adjacent barangay
3. Requires upgrading and rehabilitation of existing roads susceptible to erosion and flooding.

c.Goal

To provide effective and efficient transportation support facilities for the over-all development of the Barangay.

d.Objectives

To upgrade, rehabilitate and open new roads to improve road network linking the Barangay.

e.Programs and Projects

PPAs	Location	Description	Time Frame	Cost	Fund Source	Implementing Agency
1.Construction of Mahayahay- Clib bridge	Purok 5	Construction of Bridge	2013 to 2017	2.5 M	PDF MDF	PEO, MEO
2.Rehab and Repair of Barangay and Provincial Roads	Purok 1 to 7	Rehab & Repair of Barangay Roads	2013 to 2017	12.5 M	PDF MDF	PLGU, MLGU

COMMUNICATION

a. Existing Situation

Commonly used in the barangay now a days in communication is mobile phone of almost three hundred (300) households . Mobile phones are becoming more popular

with the presence of SMART and GLOBE cellular sites. However radio and television are broadcast media facilities which have reached our barangay but no stations located in the area but only through radio and TV sets.

b.Situational Analysis

- Partially energized Puroks, due to financial support.

c. Goal

To establish reliable and efficient communication facilities for the entire Barangay.

d. Objectives

To be able to provide Barangay wide access to modern communication and technology towards global competitiveness.

e.Programs and Projects

PPAs	Location	Description	Time Frame	Cost	Fund Source	Implementing Agency
1.Partially Energized Puroks	Purok 5,6 & 7	Lateral Line expansion of electricity	2013 to 2017	2.5 M	PDF, MDF, DASU RECO	PLGU, MLGU, DASU RECO

WATER

a.Existing Situation

The most common sources of water supply in the barangay households are deep well and jetmatic pumps. Some households are benefited by the Potable water system funded by DAR-ADB. A total of Twelve (12) units artesian well and nine (9) shallow well.

**Table No. _____ Level 1 System
Mahayahay, Hagonoy, Davao del Sur**

Purok	Deep Well			Shallow Well		
	Number	HHs Population Served		Number	HHs Population Served	
		No.	%		No.	%
Purok 1	2	30	34.48	1	57	65.5
Purok 2	1	15	3.57	1		
Purok 3	2	10	26.31			
Purok 4	3	29	100			
Purok 5	1			3	53	100
Purok 6	2	2	2.66	1	10	11.63
Purok 7	1	18	31.58	1	5	8.93
TOTAL	12	104		9	125	

Source : Barangay Survey, Year --

**Table No. _____ Number of Connections and Average Water Consumption by Type of Consumer
Mahayahay, Hagonoy, Davao del Sur**

Particulars	Type of Consumer			
	Domestic	Commercial	Institutional	Total
Number of Connections	381			381
Average Water Consumption cu.m/d	2 cu.m/day			2 cu.m/day

Source : Barangay Survey, Year __

In Mahayahay, the water system is operated and managed by Mahayahay Waterworks Association. The water system was through the fund of DAR-ADB. The MAHAWASA serves barangay Mahayahay and part of Lapulabao area with 153 households. The MAHAWASA charge Php 100.00 for the first three (3) cubic meter of water consumed. Presently the said Potable water is under the subsidy of the barangay due to insufficiency of funds for maintenance expenses.

b. Situational Analysis

- Lack of water supply for the households
- MAHAWASA funding is not enough to fund the maintenance cost and no possible expansion.
- Needs of MAHAWASA managerial, financial and Organizational development.
- Needs sourcing of funds for expanding the pipeline.

c. Goal

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

d. Objectives

To be able to distribute sufficient water supply services within the barangay.

e. Programs and Projects

PPAs	Location	Description	Time Frame	Cost	Fund Source	Implementing Agency
1. Expansion of Potable Water Supply Lines	Purok 1 to 7	Purchase of additional PE pipes	2013 to 2017	500,000.00	PDF, MDF, BLGU	PEO, MEO, Barangay
2. Repair & Rehab of Pipelines	Purok 1 to 7	Replacement of damaged pipe lines	2013 to 2017	200,000.00	PDF, MDF, BLGU	PEO, MEO, Barangay Council
3. Repair of the existing Artesian and Shallow well	Purok 1 to 7	Purchase & Replacement of damaged parts	2013 to 2017	100,000.00	PDF, MDF,	PEO, MEO
4. Upgrading of communal level 2 water	Purok 1 to 7	Purchase of water meters	2013 to 2017	100,000.00	MDF, PDF	PEO, MEO

system to level 3						
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POWER

a.Existing Situation

The power needs of the barangay are supplied by the Davao del Sur Electric Cooperative (DASURECO). Some households use kerosene for lighting.

**Table No. _____ Household by Type of fuel Used for Lighting
Mahayahay, Hagonoy, Davao del Sur**

Type of Fuel Used	Number of Households	Percentage (%)
Electricity	245	64.30
Kerosene	136	35.69
TOTAL	381	100

Source: Barangay Survey, Year __

**Table No. _____ Household by Kind of Fuel Used
Mahayahay, Hagonoy, Davao del Sur**

Type of Fuel Used	Number of Households	Percentage (%)
Electricity	36	9.45
Kerosene	54	14.17
LPG	15	3.94
Charcoal	30	7.87
Wood/Bamboo	246	64.57
TOTAL	381	100

Source: Barangay Survey, Year __

b.Situational Analysis

- The barangay has remote sitios/puroks without electricity.
- Needs financial assistance to install power line and posts
- Needs well and functional streetlights.

c. Goal

To spread the benefits of electricity to the people in the remote barrage so as to induce development take-off as well as attract investors to the Barangay.

d.Objectives

1. To be able to expand the power lateral lines to identified and prioritized puroks in the barangay.
2. To provide electric post and streetlights
3. To maintain and replace damaged units/accessories at the existing streetlights.

e.Program and projects

PPAs	Locat	Description	Time	Cost	Fund	Implementi
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	ion		Frame		Sourc e	ng Agency
1.Install, rehab of electric post	Purok 1 to 7	Installation & Rehabilitation of electric post	2013 to 2017	2.5 M	NEA, MDF, DASU RECO	NEA, MEO, DASURECO
2.Construction of Solar Energy Projects	Purok 2 & 3	Construction of Solar Energy Projects	2013 to 2017	1.6 B	NEA DASU RECO	NEA DASU RECO

Drainage and Sewerage

a.Existing Situation

Drainage facilities of the barangay is along the barangay roads . During the rainy days water from canal will flow to the barangay roads causing damaged of roads.

b.Situational Analysis

- Barangay roads require crowning and motor grading
- Needs annual allocation on roads repair and rehab

c.Goal

To have an efficient drainage system in the barangay.

d.Objectives

- To evaluate the existing drainage system and come up to plan mitigation on drainage problems.
- To formulate and implement proper drainage maintenance system.

e.Programs and Projects

PPAs	Locati on	Description	Time Fra me	Cost	Fund Sourc e	Implem enting Agency
1.Maintenance and Rehab of drainage system	Purok 1-7	Desilting of barangay & Provincial roads canal and drainage	2013 to 2017	500,000.00	PDF MDF	PEO MEO
2. Concrete lining and riprapping of drainage canal	Purok 1-7	Concreting & Riprapping of drainage canals	2013 to 2017	1.6 M	PDF MDF	PEO MEO

Source: Barangay Survey, Year __

ENVIRONMENTAL SECTOR

SOLID WASTE MANAGEMENT

a.Existing Situation

In our Barangay the usual solid wastes disposal is dumping in the compost pit and segregation of waste materials such as degradable and bio-degradable. The non-biodegradable/recyclable wastes are separated for they can be sold.

b.Situational Analysis

1. Lack of facility for the toxic and non-degradable which were not sold.

2. Lack of proper waste segregation.
3. No solid waste management plan.

c. Goal

Ensure the proper waste disposal management system and regular garbage collection.

d. Objectives

1. To formulate waste management plan and implement proper segregation and disposal

e. Programs and Projects.

PPAs	Location	Description	Time Frame	Cost	Fund Source	Implementing Agency
1. Solid Waste Management Plan	Barangay	Formulation of Solid Waste Management Plan	2013 to 2017	P30,000.00	BDF	Barangay

RIVERBANK PROTECTION AND CONTROL

a. Existing Situation

Purok 5 of barangay Mahayahay, is prone to flooding during rainy season. Some of the crops planted near the riverbanks are washed away.

b. Situational Analysis

- No trees are planted along the river banks which caused the scouring, erosion and silting of the river.

c. Goal

Conduct information campaign and enact legislation for the proper flood control through planting trees along the riverbanks.

d. Objectives

To educate the people living near the river on the proper use of lands and planting trees along the riverbanks to control occurrence of flood.

e. Programs and Projects

PPAs	Location	Description	Time Frame	Cost	Fund Source	Implementing Agency
1. Riverbank Control	Purok 5 to 6	Planting of Trees along the riverbanks	2013 to 2017	50,000.00	PDF, MDF	PEO MEO