



## MUNICIPALITY OF SAN FERNANDO PROVINCE OF BUKIDNON



# COMPREHENSIVE LAND USE PLAN 2019-2028



Republic of the Philippines  
PROVINCE OF BUKIDNON  
City of Malaybalay



**OFFICE OF THE SANGGUNIANG PANLALAWIGAN**

**EXCERPTS FROM THE MINUTES OF THE 114<sup>TH</sup> REGULAR SESSION OF  
THE 26<sup>TH</sup> SANGGUNIANG PANLALAWIGAN, PROVINCE OF BUKIDNON,  
HELD ON TUESDAY, OCTOBER 26, 2021 AT THE SANGGUNIANG  
PANLALAWIGAN SESSION HALL, MALAYBALAY CITY, BUKIDNON.**

**PRESENT:** Provincial Vice Governor **ROGELIO N. QUIÑO** – Chairman & Presiding Officer  
Board Member **NEMESIO B. BELTRAN, JR.**, Majority Floor Leader  
Board Member **MARIO B. ALBARECE, JR.**  
Board Member **ARLYN P. AYON** – via Google meet  
Board Member **BENITO U. BAGUIO**  
Board Member **MINERVA C. CASINABE**  
Board Member **LORENZO L. DINLAYAN, JR.**  
Board Member **MELCHOR P. MARAMARA**  
Board Member **JOSEPH D. PALMADA**  
Board Member **RANULFO E. PEPITO**

**Sectoral Representatives:**

Board Member **GODOFREDO I. BALANSAG (PLnB)**  
Board Member **OLIVER OWEN L. GARCIA (PCL)**  
Board Member **PRINCESS GRACE L. GAYON (PPSK)**  
Board Member **RICHARD D. MACAS (IPMR)**

**ABSENT:** None.

**RESOLUTION NO. 2021-3580(26<sup>TH</sup> SP)**  
(114<sup>th</sup> Regular Session)

**A RESOLUTION APPROVING THE COMPREHENSIVE LAND  
USE PLAN (CLUP) OF THE MUNICIPALITY OF SAN  
FERNANDO, BUKIDNON FOR THE PERIOD 2019-2028 –**

**WHEREAS**, a letter dated October 20, 2021, from Engr. Jesrel B. Mangubat, EnP, Provincial Planning and Development Coordinator/Vice-Chairperson, Provincial Land Use Committee, this Province, addressed to this August Body, endorsing a copy of Provincial Land Use Committee (PLUC) Resolution No. 03, Series of 2021 "A RESOLUTION FAVORABLY ENDORSING THE COMPREHENSIVE LAND USE PLAN (CLUP) OF THE MUNICIPALITY OF SAN FERNANDO FOR THE PERIOD 2019-2028 FOR APPROVAL OF THE HONORABLE MEMBERS OF THE SANGGUNIANG PANLALAWIGAN OF BUKIDNON".

**WHEREAS**, Republic Act 7160, otherwise known as the Local Government Code of 1991 provides that Local Government Units (LGU's) shall continue to prepare their respective Comprehensive Land Use Plan enacted through Zoning Ordinance which shall be the primary and dominant basis for the future use of land resources;

**WHEREAS**, under section 2 (b) of Executive Order No. 72 of then President Fidel V. Ramos dated March 25, 1993, provinces are mandated to organize a Provincial Land Use Committee (PLUC) to assist the Sangguniang Panlalawigan in reviewing the comprehensive land use plan of component cities and municipalities and defining its composition;

**WHEREAS**, the Municipality of San Fernando, Bukidnon through its Municipal Land Use Committee presented their CLUP for Calendar Year 2019-2028 before the PLUC for consideration and after due deliberation found out that their CLUP is consistent with the land use policies of the province;

**NOWHEREFORE**, on motion of Board Member Nemesio B. Beltran, Jr., and with the unanimous accord of all Sangguniang Panlalawigan Member present in session assembled;

**BE IT RESOLVED**, as it is hereby resolved, APPROVING THE COMPREHENSIVE LAND USE PLAN (CLUP) OF THE MUNICIPALITY OF SAN FERNANDO, BUKIDNON FOR THE PERIOD 2019-2028.

**RESOLVED FURTHER**, that copies of this resolution be furnished to the Office of the Provincial Planning and Development Office and the Municipality of San Fernando, Bukidnon, for their information and reference.

Approved unanimously.

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**I HEREBY CERTIFY** to the correctness of the foregoing resolution.

  
**ATTY. APOLLO A. MAGUALE**  
Secretary to the Sangguniang Panlalawigan

ATTESTED BY:

  
**ROGELIO N. QUIÑO**  
Provincial Vice Governor  
Chairman & Presiding Officer

*MJPB: lbc 2021'*



## MUNICIPAL DEVELOPMENT COUNCIL

**EXCERPTS FROM THE MINUTES OF THE SECOND QUARTER MEETING OF THE MUNICIPAL DEVELOPMENT COUNCIL (MDC) OF THE MUNICIPALITY OF SAN FERNANDO, PROVINCE OF BUKIDNON HELD ON THE 9th DAY OF JUNE 2021 AT THE EXECUTIVE HALL CONFERENCE ROOM, SAN FERNANDO, BUKIDNON.**

**Present:**

Hon. Levi C. Edma	- <i>Municipal Mayor/Chairman/Presiding Officer</i>
Hon. Dante C. Dy	- <i>SB Member/Chairman Committee on Finance</i>
Hon. Jezrel S. Bacleran	- <i>Punong Barangay, Dao</i>
Hon. Melchor P. Baga	- <i>Punong Barangay, Nacabuklad</i>
Hon. Amon C. Java	- <i>Punong Barangay, Tugop</i>
Hon. Almendras L. Mataas	- <i>Punong Barangay, Matupe</i>
Hon. Alberto M. Osahita	- <i>Punong Barangay, Palapacan</i>
Hon. Dioso O. Andica	- <i>Punong Barangay, Kibongkog</i>
Hon. Ezequiel A. Langote	- <i>Punong Barangay, Sto. Domingo</i>
Hon. Ana N. Bensing	- <i>Punong Barangay, Iglugsad</i>
Hon. Johny P. Tapdasan	- <i>Punong Barangay, Cabuling</i>
Hon. Lorna S. Basilio	- <i>Punong Barangay, Sacramento Valley</i>
Hon. Helen G. Pullan	- <i>Punong Barangay, Kawayan</i>
Hon. Vicente M. Dutosme	- <i>ABC President/Punong Barangay, Little Baguio</i>
Hon. Nelson S. Blanza	- <i>Punong Barangay, Magkalungay</i>
Hon. Virgilio B. Balaguise	- <i>Punong Barangay, Durian</i>
Hon. Cesario I. Gonzaga	- <i>Punong Barangay, Malayanan</i>
Hon. Hernan T. Tamonan	- <i>Punong Barangay, Candelaria</i>
Hon. Noel R. Espares	- <i>Punong Barangay, Cayaga</i>
Hon. Rommel A. Bartoces	- <i>Punong Barangay, Kalagangan</i>
Hon. Reynaldo Variacion	- <i>Punong Barangay, Mabuhay</i>
Hon. Dina Llaguno	- <i>Punong Barangay, Halapitan (Rep.)</i>
Hon. David G. Peñas	- <i>Punong Barangay, Bulalang (Rep.)</i>
Evelyn Casicas	- <i>CSO Rep./Pres., Dao Farmers Assoc.</i>
Rev. Jaime Dadol	- <i>CSO Rep./Pres., Bukidnon Organic Farmers Association</i>
Jeremias A. Nacario	- <i>CSO Rep./Pres., Little Baguio MPC</i>
Cesaria D. Lauron	- <i>CSO Rep./Pres., Rural Improvement Club</i>
Carlito Misare	- <i>CSO Rep./Pres., Nala Irrigators Assoc. Inc.</i>
Kayre Ryan T. Buhawe	- <i>2nd District Bukidnon Congressman (Rep.)</i>
Engr./EnP. Judith E. Luis	- <i>Municipal Planning &amp; Development Coordinator MDC Secretariat</i>
Engr. Jessa C. Centillas	- <i>PDO-II / MPDO Representative</i>
Luisito H. Bongabong, Jr.	- <i>PO -II / MPDO Representative</i>

**Absent:**

Hon. Flordeliza M. Yeke	- <i>Punong Barangay, Namnam</i>
Hon. Lardy B. Hiponia	- <i>Punong Barangay, Bonacao</i>
Hon. Leonila D. Berdin	- <i>Punong Barangay, San Jose</i>
Freddie S. Alajar	- <i>CSO Rep./Pres., San Fernando Candelaria Farmers Irrigators Service Association, Inc.</i>
Nicolas Filipino	- <i>CSO Rep./Pres., Organik MPC</i>

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Jose Eufemio Ogoy

Reynaldo P. Espares

Luciano B. Lubat

Ben C. Cayang

Purita S. Intes

- CSO Rep./Pres., *Cacao Farmers Association, Inc.*

- CSO Rep./Pres., *Cayaga Tree Planting Organization, Inc.*

- CSO Rep./Pres., *Magkalungay Environment Protector Association, Inc.*

- CSO Rep./Pres., *Candelaria Balongkot Irrigators Association, Inc. (ISA-1)*

- CSO Rep./Pres., *Abejid MPC*

**RESOLUTION No. 04-2021**

**RESOLUTION APPROVING THE COMPREHENSIVE LAND USE PLAN (CLUP) AND ZONING ORDINANCE, CY 2019-2028 OF THE MUNICIPALITY OF SAN FERNANDO, PROVINCE OF BUKIDNON FOR ADOPTION AND APPROVAL BY THE SANGGUNIANG BAYAN.**

**WHEREAS**, the Municipal Comprehensive Land Use Plan directs the development of a municipality, guides toward the achievement of goals and objectives for the municipal government to efficiently serve the people and to responsibly and effectively deliver basic services as mandated under the New Local Government Code;

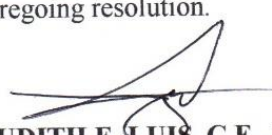
**WHEREAS**, in the formulation of this Comprehensive Land Use and Development Plan and its Zoning Ordinance, the Municipal Land Use Committee had collected data, made surveys and studies, identified the major areas for development and for the general and urban land uses of the Municipality of San Fernando. Various policies and incentives were also identified which are hoped to encourage prospective investors to establish economic zones in the town thereby stimulates growth to the municipality and neighboring areas.

**NOW, THEREFORE**, on motion of Hon. Vicente M. Dutosme, ABC President/Punong Barangay of Little Baguio, duly seconded by Mrs. Cesaria D. Lauron, CSO Representative/President Federation of San Fernando Rural Improvement Club with unanimous accord of all members present.


**RESOLVED, AS IT IS HEREBY RESOLVED** to pass this Resolution approving the Municipal Comprehensive Land Use Plan (CLUP) and Zoning Ordinance, CY 2019-2028 of the Municipality of San Fernando, Province of Bukidnon for adoption and approval by the Sangguniang Bayan.

UNANIMOUSLY APPROVED

I hereby certify to the correctness of the above foregoing resolution.

  
**JUDITH E. LUIS, C.E., EnP.**  
*Municipal Planning & Dev't Coordinator*  
*MDC Secretariat*

APPROVED BY:

  
**LEVI C. EDMA**  
*MDC Chairman*  
*Municipal Mayor*



Republic of the Philippines  
Province of Bukidnon  
Municipality of San Fernando

## OFFICE OF THE MUNICIPAL MAYOR

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# MESSAGE

It is my great pride and honor to be part of the formulation/preparation and approval of this Municipal Comprehensive Land Use Plan (CLUP) with Zoning Ordinance, 2019-2028 of San Fernando, this province.

The CLUP is one of the local plans mandated in the Local Government Code. It is a planning document prepared to rationalize the allocation and proper use of land resources. It projects public and private land uses in accordance with the future spatial organization of economic and social activities.

Hence, I am grateful to the efforts and support of the Municipal Development Council and its Sectoral Committees with the facilitation of the Municipal Planning and Development Office led by the Municipal Planning and Development Coordinator, Engr./EnP. Judith E. Luis in the formulation of the said Plan and to the Sangguniang Bayan headed by the Municipal Vice Mayor, Hon. Norberto I. Catalan for the approval and adoption of this CLUP and the enactment of its Zoning Ordinance.

I am hopeful that this Municipal Comprehensive Land Use Plan with its Zoning Ordinance will really serve its purpose as the Local Government Unit's Master Plan designed to guide our future actions as presented in the Vision, Long-range Goals and Objectives for all the Programs, Projects and Activities for the greater benefit of the greater majority, for a better San Fernando.

  
**LEVI C. EDMA**  
Municipal Mayor 



Republic of the Philippines  
Province of Bukidnon  
Municipality of San Fernando

**OFFICE OF THE MUNICIPAL PLANNING AND DEVELOPMENT COORDINATOR**

**ACKNOWLEDGMENT**

The Municipal Government of San Fernando acknowledges the following key persons and institutions for their invaluable contributions in the preparation and formulation of the Comprehensive Land Use Plan (CLUP) and Zoning Ordinance, 2019-2028 of the Municipality of San Fernando, Bukidnon:

- Municipal Development Council and Sectoral Committees
- CLUP and CDP Municipal Planning Team  
*composed of Heads of Office, Program-In-Charges, Municipal Officials and Civil Society Organization Representatives*

The LGU also extends its gratitude to the Local Chief Executive for the support and assistance in the preparation/formulation of the said Plan and to the Sangguniang Bayan for the Legislation in the approval and adoption of the same.

Finally, we convey our sincere appreciation to those whose names and organizations which may not appear in the list but have nonetheless contributed unselfishly in the completion of this CLUP. Indeed, together we achieve more for the good and welfare of the greater majority.

**JUDITH E. LUIS, CE, EnP**  
Municipal Planning and Development Coordinator

# FOREWORD

San Fernando is a first class Municipality created in 1966 under RA 4789. Since then, many changes have gradually occurred specifically in the improvement of our town's structure and the living condition of the community. Hence, there are massive expansions on the structures, the people and the land which somehow contribute to risks and hazards in the environment.

It is therefore timely to update and formulate the Comprehensive Land Use Plan (CLUP) of the Local Government Unit of San Fernando, Bukidnon to be enacted through a zoning ordinance, in conformity with the Local Government Code and pursuant to the mandate to mainstream disaster risk reduction and climate change in development planning and processes.

The CLUP is a planning document prepared to rationalize the allocation and proper use of land resources. It projects public and private land uses in accordance with the future spatial organization of economic and social activities.

The preparation/formulation of the plan is made possible through the efforts and support of the Municipal Development Council and its Sectoral Committees with the facilitation of the Municipal Planning and Development Office and the approval and adoption by the Sangguniang Bayan, this municipality.

This Municipal Comprehensive Land Use Plan, 2019-2028 will be the Local Government Unit's Master Plan designed to guide our future actions as presented in the Vision, Long-range Goals and Objectives for all the Programs, Projects and Activities for the benefit of the greater majority, for a better San Fernando.

  
**LEVI C. EDMA**  
Municipal Mayor



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# BRIEF PROFILE OF THE MUNICIPALITY

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## 1.1 BRIEF HISTORY

### A. CULTURAL DEVELOPMENT

The natives of Bukidnon known as Tigwahanon and Matigsalog were the original inhabitants of this area. The Tigwahanons settled along the Salog River. These people were nomadic by nature and subsisted mainly by hunting and eating forest products. Thus, they maintained small plots of corn and root crops in places where they built their temporary shelters. They have a feudal type of government headed by a political chieftain known as “Datu”, who also acted as their religious leader and armed forces chief.

More settlements were established with the arrival of immigrants from Luzon, Visayas and other provinces of Mindanao. The influx of migrants attracted by the town’s rich agricultural potential contributed much in the development of this area. The growth and development of the municipality started to rise. The original occupants of the town, the Tigwahanon and the Matigsalog, were then replaced by these lowlanders and to this date, only few natives remained and majority of them settled in the remote barangays.

### B. POLITICAL DEVELOPMENT

The municipality was before a district of the municipalities of Maramag, Dangcagan and Valencia pursuant to Executive Order No. 347 of President Carlos P. Garcia dated July 29, 1959. During the reign of Governor Teodoro Oblad and Congressman Cesar Fortich, a proposal was submitted to the defunct congress for the creation of this district into a municipality.

On June 18, 1966, San Fernando was created into a municipality under Republic Act No. 4789 and was named in honor of Fernando Damasco, the father of former Governor Catalino Damasco. The first set of government was installed at Barangay Namnam approximately 48 kilometers away from the municipality of Valencia. On July 27, 1970, however, the municipal council passed a resolution transferring the set of government from Namnam to barangay Halapitan.

The past chief executives of the municipality were:

Florencio T. Buenagua, Sr.	Municipal Mayor	1968 - 1971
Victoriano E. Bantug	Municipal Mayor	1972 - 1978
Amado M. Recaña	Municipal Mayor (Appointed)	1979 - 1980
Antonio B. Tuazon, Sr.	Municipal Mayor	1980 - 1986
Nicasio C. Lacson Sr.	Municipal Mayor (OIC)	1986 - 1987
Norberto I. Catalan	Municipal Mayor (OIC)	1987 - 1988
Jeremias E. Santacera	Municipal Mayor	1988 - 1998
Laurencia S. Edma	Municipal Mayor	1998 - 2007
Levi C. Edma Sr.	Municipal Mayor	2007 - 2010
Laurencia S. Edma	Municipal Mayor	2010 - 2013
Levi C. Edma Sr.	Municipal Mayor	2013 - 2016
Levi C. Edma Sr.	Municipal Mayor	2016 - 2019

At present, the municipality is effectively managed by the following local officials:

Hon. Levi C. Edma Sr.	Municipal Mayor
Hon. Norberto I. Catalan	Municipal Vice Mayor
Hon. Rogelio C. Yeke	SB Member
Hon. Juan A. Sambalud.	SB Member
Hon. Dante C. Dy	SB Member
Hon. Levi S. Edma Jr.	SB Member
Hon. Lito L. Calañas	SB Member
Hon. Richard V. Taboclaon	SB Member
Hon. Genaro P. Paquiao	SB Member
Hon. Wainwright M. Abayato	SB Member
Hon. Donie L. Payaron	SB Member /IP Mandatory Rep.
Hon. Loy Jane A. Samoya	SB Member / SK Federation President

## 1.2 PHYSICAL FEATURES

### 1.2.1 GEOGRAPHIC LOCATION

The Municipality of San Fernando is located in the southeast most portion of the landlocked Province of Bukidnon, one of the five provinces of Region X, in Northern Mindanao (see Map 1: Bukidnon Map) and situated at point in the map (see Map 2: Municipal Map) with the following coordinates: 7°59'40" north latitude and the meridians 125°17' to 125°26'40" east longitude.

### 1.2.2 POLITICAL JURISDICTION

San Fernando shares political boundaries with the following: Malaybalay City and the Municipality of Cabanglasan on its northern side, City of Davao and the Province of North Cotabato on its southern side, the Province of Davao del Norte on its eastern side and on its western side, the Municipality of Quezon and City of Valencia. (See Map 3: Vicinity Map).

The town proper of San Fernando, Barangay Halapitan, is approximately thirty one (31) kilometers from the Poblacion through National Highway up to the City of Valencia and is approximately sixty two (62) kilometers away from the City of Malaybalay – reckoned from the Bukidnon Provincial Capitol. Travel time by Public Utility Transport (buses/jeepney) is about 2 hours from San Fernando to Malaybalay City.

### 1.2.3 LAND AREA AND CLASSIFICATION

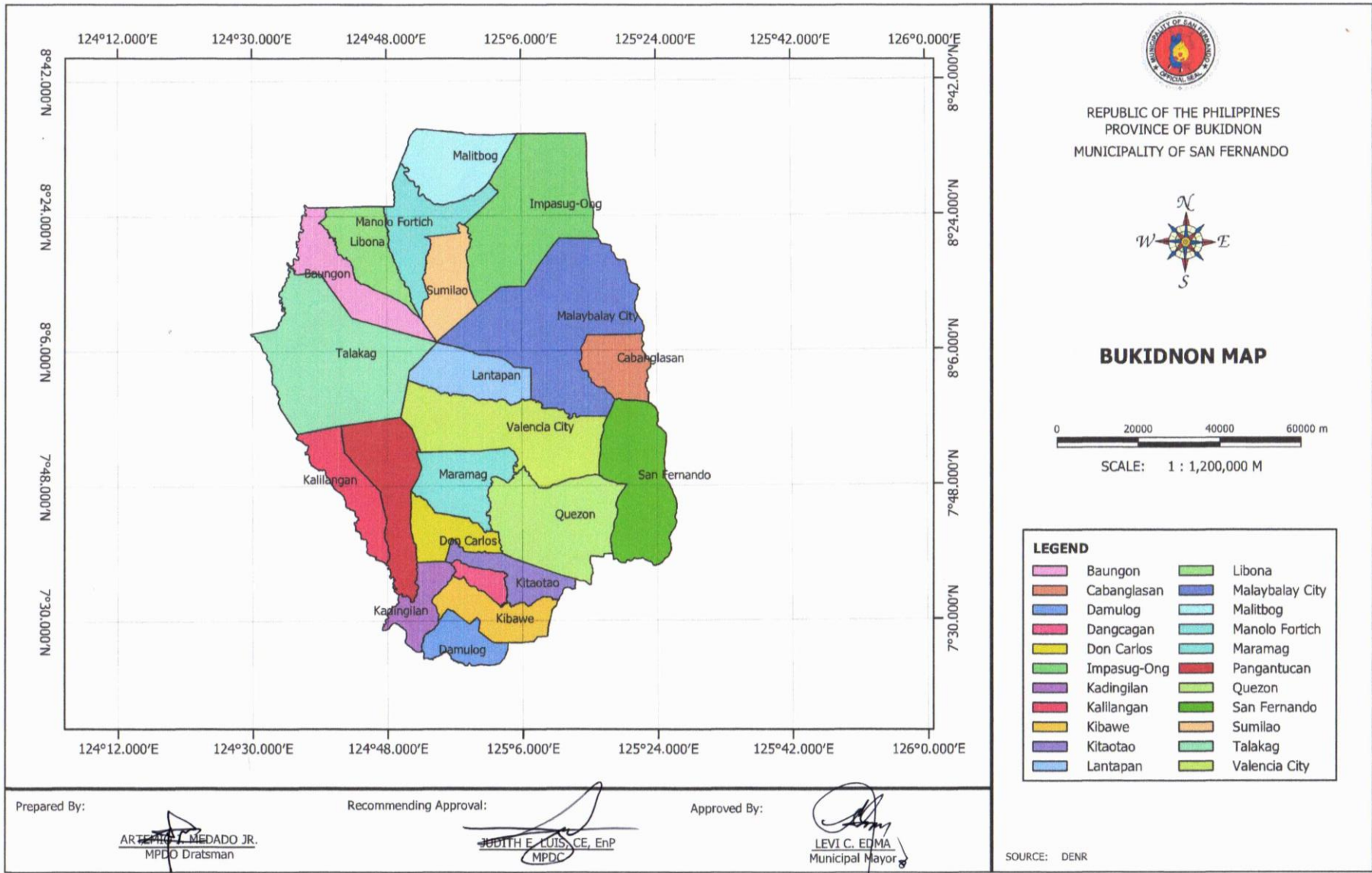
Comprising 24 barangays as shown in Table 1.1, San Fernando, a first class municipality, has a total land area of 82,162 hectares which constitutes 7.83% of the total land area of the Province of Bukidnon.

Barangay Halapitan is the only urban area of the municipality which covers 6,162.10 hectares or 7.50% of the total area. Seven (7) urbanizing barangays cover 24,625.74 hectares (29.98%) and the remaining 92.50% (51,374.16 hectares) comprises the rural area.

As shown in Map 4: Land Classification Map, the area of the municipality is approximately at 82,162 hectares. A large part of this, constituting nearly 91% of the total land area has been classified as Timberland/Forestal. The rest is Alienable and Disposable area.

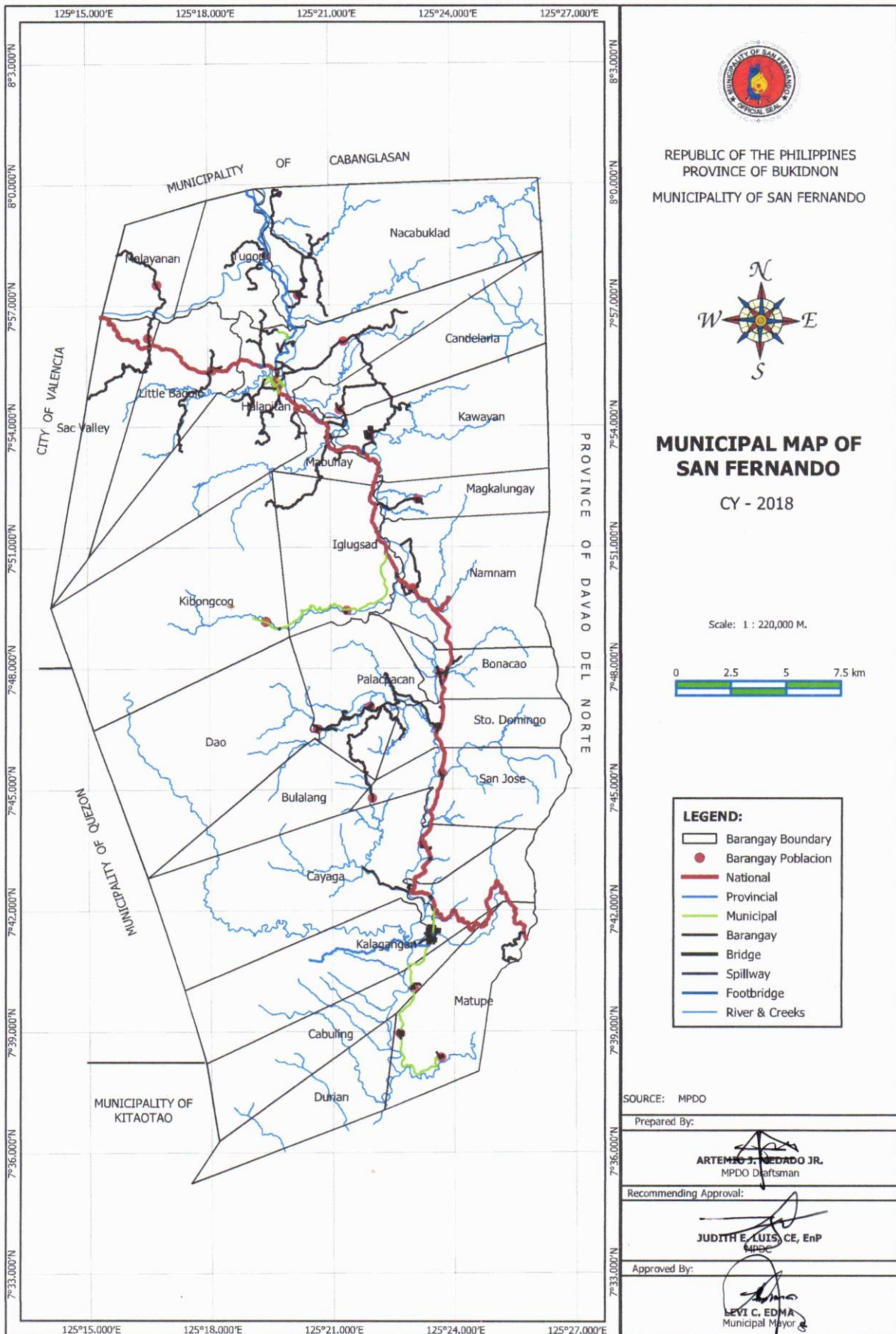
Gathered from the same map, every barangay within the municipal jurisdiction have timberland as part of its land area. In fact, even the Poblacion (Halapitan) itself comprises almost  $\frac{3}{4}$  timberland and only  $\frac{1}{4}$  alienable and disposable (A and D). Some area are even 100% officially classified as timberland. Only Barangay Mabuhay had almost  $\frac{1}{2}$  classified as A and D. Table 1.2 shows the details of Land Classification by Barangay as quantified from the Map 4, Land Classification Map.

**Map 1: Bukidnon Map**

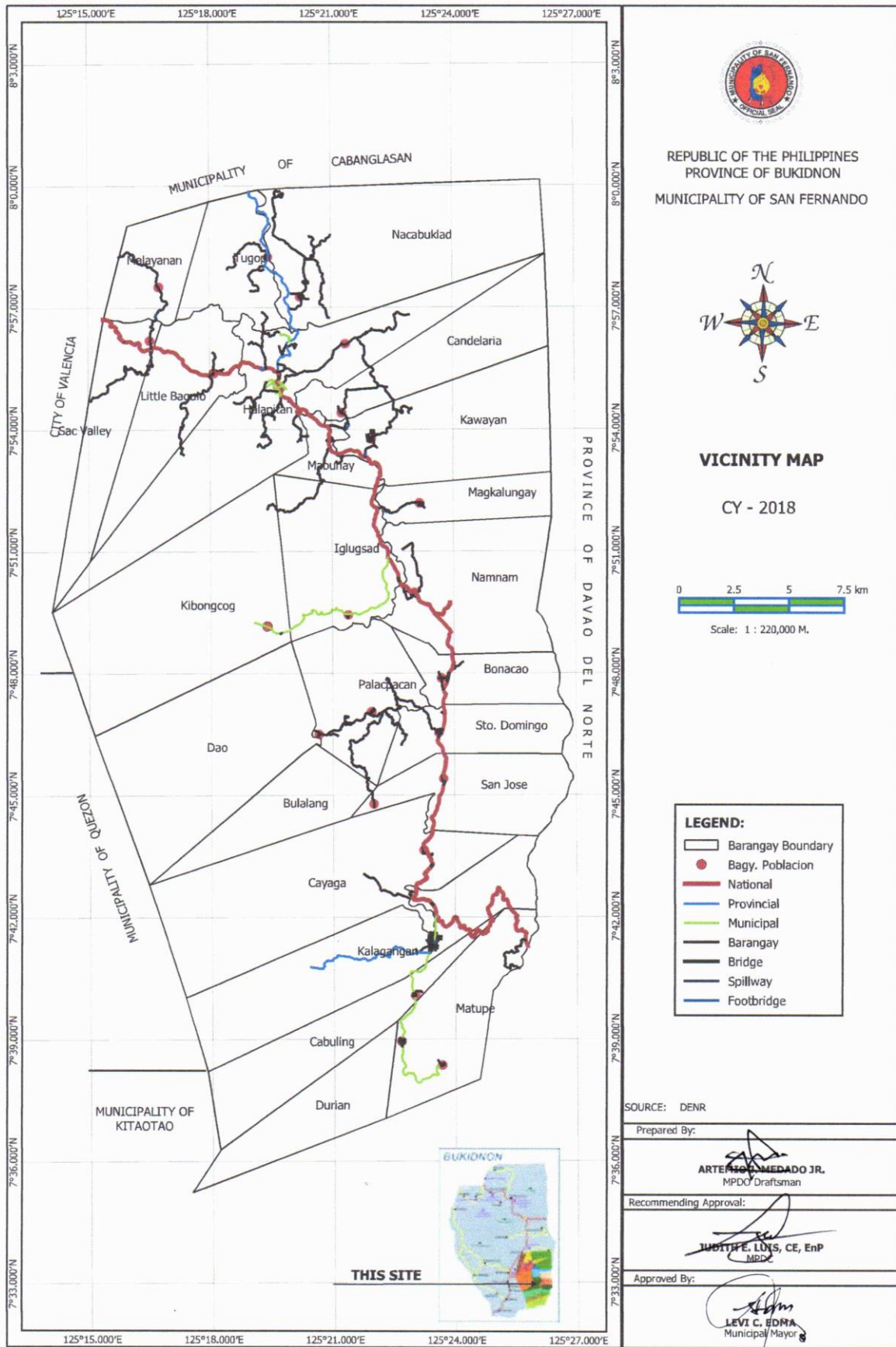




**Map 2: Municipal Map**



**Map 3: Vicinity Map**

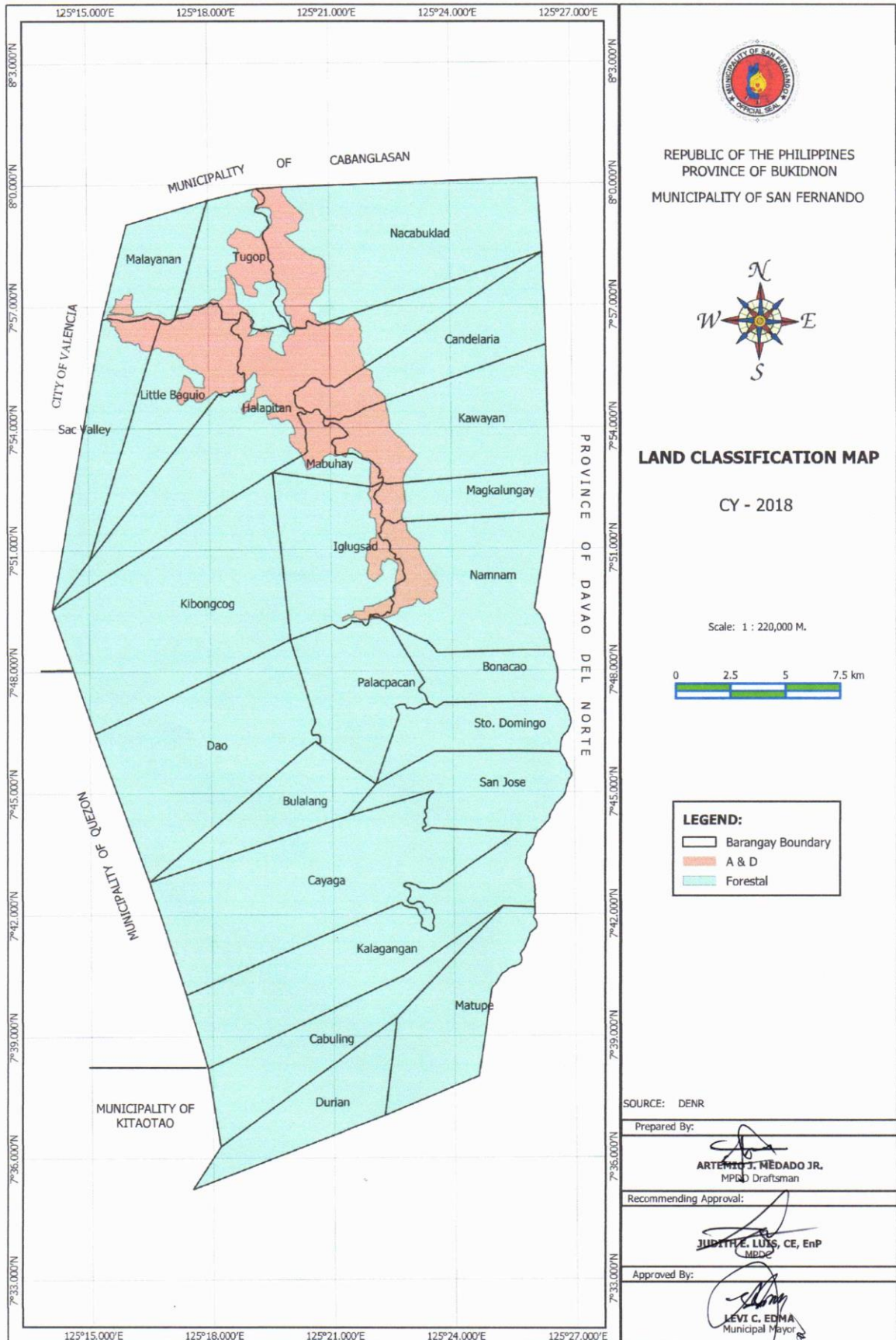


**Table 1.1**  
**Land Area by Barangay**  
**Municipality of San Fernando, Bukidnon**  
**2018**

Barangay	Area (in hectare)	Percent Share to Total
<b>Urban (1 Barangay)</b>		
Halapitan	6,162.10	7.50%
<b>Urbanizing (7 Barangays)</b>		
Candelaria	2,956.67	3.60%
Kalagangan	5,162.50	6.28%
Little Baguio	2,847.50	3.47%
Mabuhay	765.73	0.93%
Nacabuklad	6,514.17	7.93%
Namnam	4,057.50	4.94%
Sacramento Valley	2,321.67	2.83%
Sub-total	24,625.74	29.98%
<b>Rural (16 Barangays)</b>		
Bonacao	1,510.83	1.84%
Bulalang	2,125.00	2.59%
Cabuling	2,769.17	3.37%
Cayaga	6,899.17	8.40%
Dao	5,612.50	6.83%
Durian	2,458.33	2.99%
Iglugsad	3,389.17	4.12%
Kawayan	4,000.82	4.87%
Kibongcog	7,049.17	8.58%
Magkalungay	1,436.67	1.75%
Malayanan	1,625.83	1.98%
Matupe	3,131.67	3.81%
Palacpacan	2,792.50	3.40%
San Jose	2,628.33	3.20%
Sto. Domingo	1,873.33	2.28%
Tugop	2,071.67	2.52%
Sub-total	51,374.16	64.06%
<b>Total</b>	<b>82,162</b>	<b>100%</b>

Source: Municipal Planning and Development Office (MPDO)

**Map 4: Land Classification Map**



**Table 1.2**  
**Land Classification by Barangay**  
**Municipality of San Fernando, Bukidnon**  
**2018**

Name of Barangay	A and D	Percent to Total A & D	Timberland (in hectare)	Percent to Total Timberland	Total Area (in hectare)
<b>Urban (1 Barangay)</b>					
1. Halapitan	1,501.25	24.36	4,660.85	75.64	6,162.10
<b>Urbanizing (7 Barangays)</b>					
1.Candelaria	451.25	15.26	2,505.42	84.74	2,956.67
2.Kalagangan	113.75	2.20	5,048.75	97.80	5,162.50
3.Little Baguio	1,051.25	36.92	1,796.25	63.08	2,847.50
4.Mabuhay	395.5	51.65	370.23	48.35	765.73
5.Nacabuklad	601.25	9.23	5,912.92	90.77	6,514.17
6.Namnam	530.50	13.07	3,527.00	86.93	4,057.50
7.Sacramento Valley	113.75	4.90	2,207.92	95.10	2,321.67
Sub-total	3,257.25		21,368.49		24,625.74
<b>Rural (16 Barangays)</b>					
1. Bonacao	-	-	1,510.83	100	1,510.83
2. Bulalang	-	-	2,125.00	100	2,125.00
3. Cabuling	332.50	12.01	2,436.67	87.99	2,769.17
4. Cayaga	-	-	6,899.17	100	6,899.17
5. Dao	-	-	5,612.50	100	5,612.50
6. Durian	38.75	1.58	2,419.58	98.42	2,458.33
7. Iglugsad	407.50	12.02	2,981.67	87.98	3,389.17
8. Kawayan	670.50	16.76	3,330.32	83.24	4,000.82
9. Kibongcog	-	-	7,049.17	100	7,049.17
10. Magkalungay	180.50	12.56	1,256.17	87.44	1,436.67
11. Malayanan	71.67	4.41	1,554.16	95.59	1,625.83
12. Matupe	345.08	11.02	2,786.59	88.98	3,131.67
13. Palacpacan	-	-	2,792.50	100	2,792.50
14. San Jose	-	-	2,628.33	100	2,628.33
15. Sto. Domingo	-	-	1,873.33	100	1,873.33
16. Tugop	595.25	28.73	1,476.42	71.27	2,071.67
Sub-total	2,641.75		43,119.91		51,374.16
<b>Total</b>	<b>7,400.25</b>	<b>9.01%</b>	<b>74,761.75</b>	<b>90.99%</b>	<b>82,162</b>

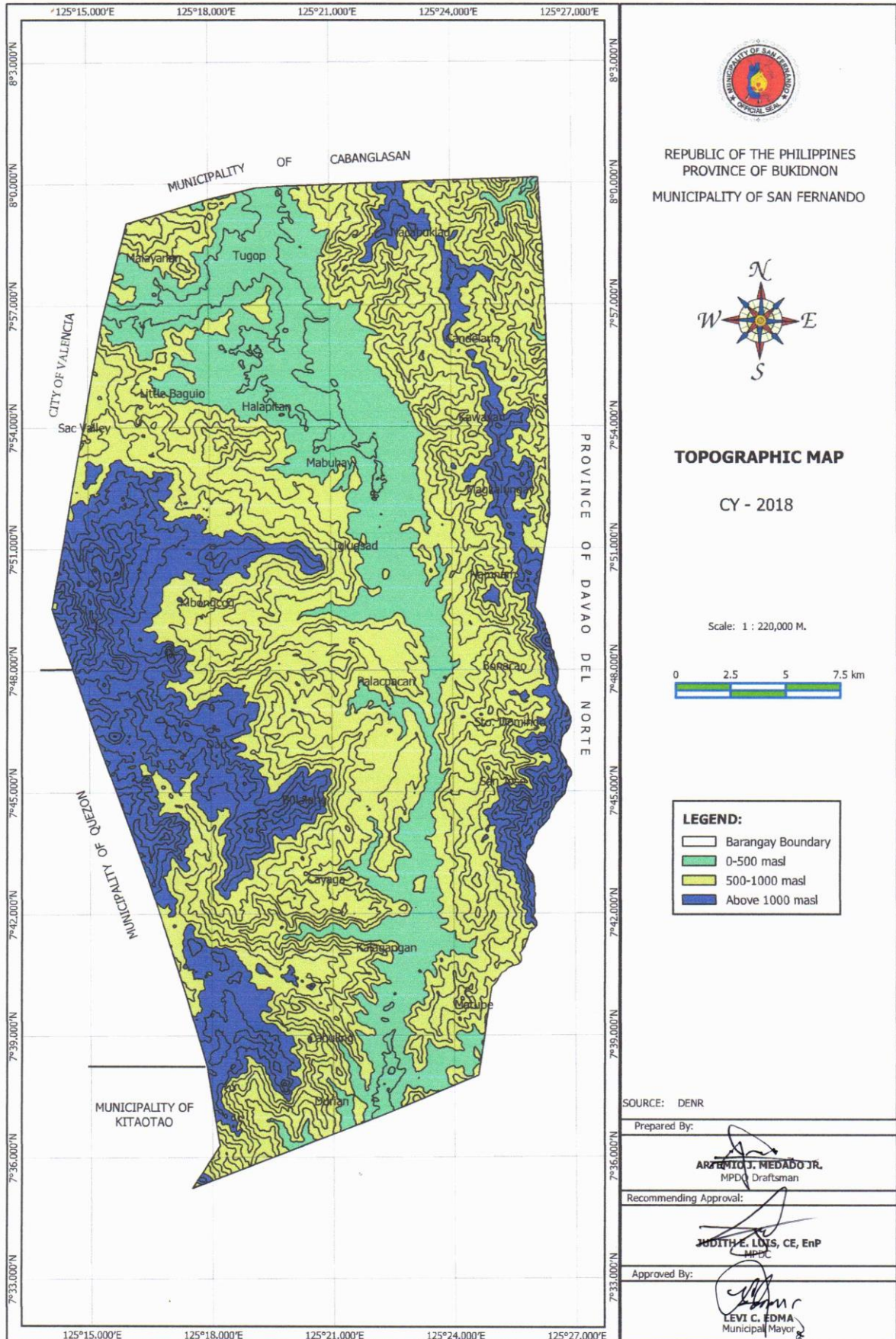
Source: MPDO

#### 1.2.4 TOPOGRAPHY

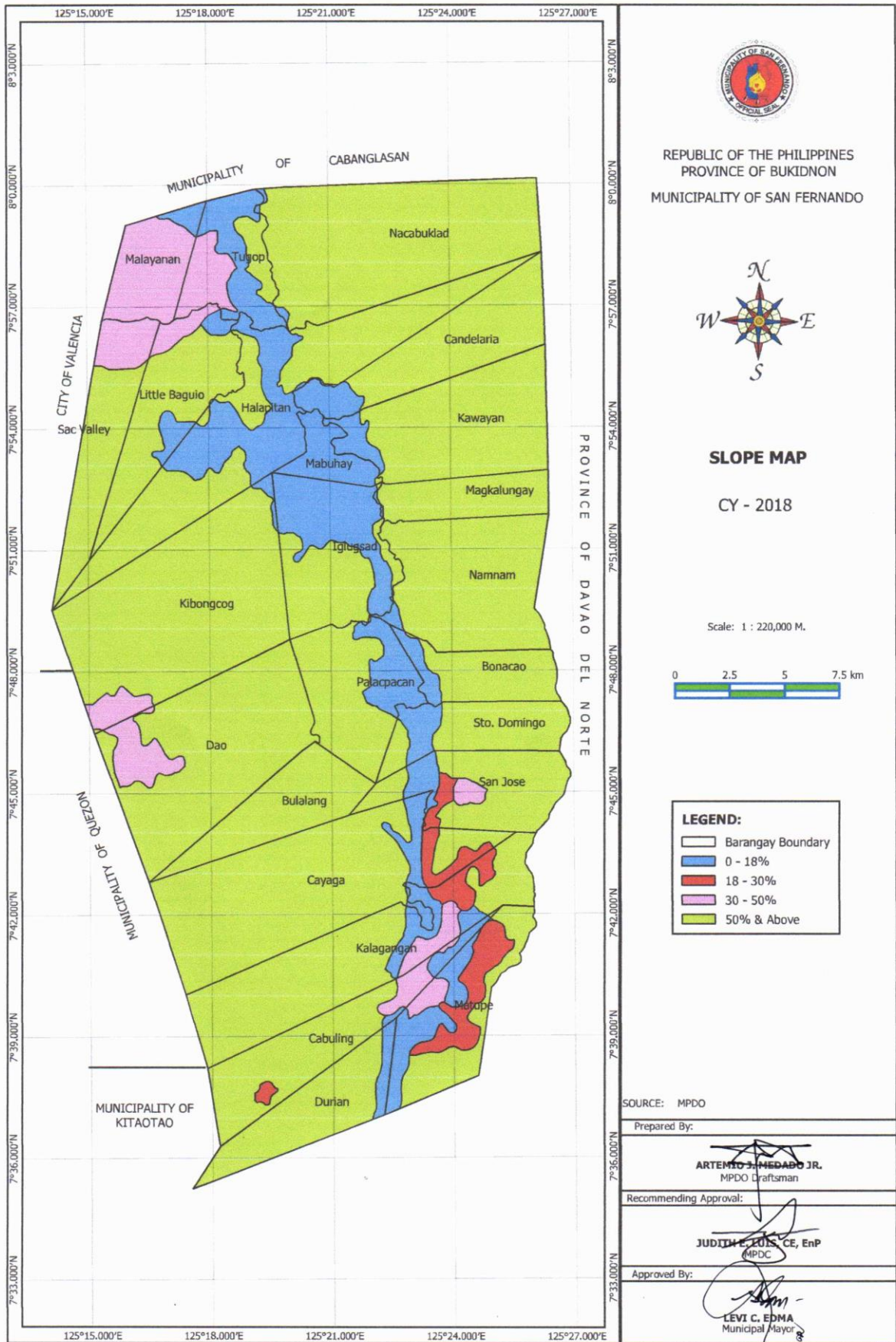
About 80% of the municipality's area is mountainous. The topography of the municipality is characterized by the rugged terrain of the land's rolling areas and high crests. The Pantaron Mountain Range (Central Cordillera of Mindanao) with an average elevation of 1,235 meters above sea level, forms part of the natural border between the Municipality of San Fernando and the Province of Davao del Norte in the east. There are four barangays which are part of this border elevation namely; San Jose, Sto. Domingo, Bonacao and Namnam as shown in Map 5 (Topographic Map).

Aga Mountains between Valencia City and Municipality of Quezon in the western part of the municipality has an average elevation of 1,287 meters above sea level which dominates wide portion of barangays Kibongcog, Bulalang and Dao and small portion of barangays Halapitan, Little Baguio and Sacramento Valley. The Misagoksok Range at the southern portion is 1,004 meters high which pass through the small portion of barangays Kalagangan, Cayaga and Cabuling. Tugop and Malayanan Mountains are lying at the northern portion of the town which has an elevation of less than 1000 meters above sea level. The town proper has an average elevation of 580 meters above sea level.

**Map 5: Topographic Map**



**Map 6: Slope Map**



### 1.2.5 SLOPES

The municipality is predominantly very steep hills and mountains which comprises 65,626.78 hectares or 79.87% of the total land area as classified in Table 1.3 based on the Map 6 (Slope Map). Slope varies from 50% and over. Majority of this areas are forestal land. Portions which are classified as rolling to hills are also part of the forestal land with slopes varies from 18% to 30%. Existence of these elevations are minimal which are located in the southern portion of the land.

Mostly alienable and disposable areas are classified as level to moderately sloping and rolling which is 18% and below sloping but there are few parts in the northern portion of the municipality which are classified as steep hills and mountains especially in the Barangay Malayanan with slopes varies from 30% to 50% elevations.

**Table 1.3**  
**Slope Classification**  
**Municipality of San Fernando, Bukidnon**  
**2018**

Slope Classification	Description	Area (in hectare)	Percentage to Total (%)
0-18	Level to moderately sloping and rolling	11,337.30	13.80
18-30	Rolling to hills	1,259.70	1.53
30-50	Steep hills and mountains	3,938.22	4.79
50 and over	Very steep hills and mountains	65,626.78	79.87
<b>Total</b>		<b>82,162.00</b>	<b>100%</b>

Source: MPDO

### 1.2.6 WATERS

The municipality has two major river systems identified as major watershed clusters: Upper Pulangi and Salug River (see Map 7, Watershed Map). Upper Pulangi River Valley being part of the longest and largest river in the province is divided into two sub-watersheds, the Pulangi River and the Tigua River located at the northern portion of the land. Headwaters from the elevated terrain of these valleys likely discharge into the Mindanao River in Cotabato City. On the other hand, the Salug River is divided into four sub-watersheds: Matimbus River, Namnam River, Salug River and Matupe River. This river is a tributary of the Davao River that empty into the Davao Gulf in the South. (See Map 8, Sub-watershed Map)

All barangays of the municipality has inland waters like rivers and creeks which are found mostly in upper land area as shown in Map 9 (Surface Drainage Map) and detailed in Table 1.4 (List of Rivers and Creeks). It allocates a total length of 420.05 kilometers with corresponding area of 575.47 hectares. Lakes are also considered as inland surfaces but mostly found in lowland.

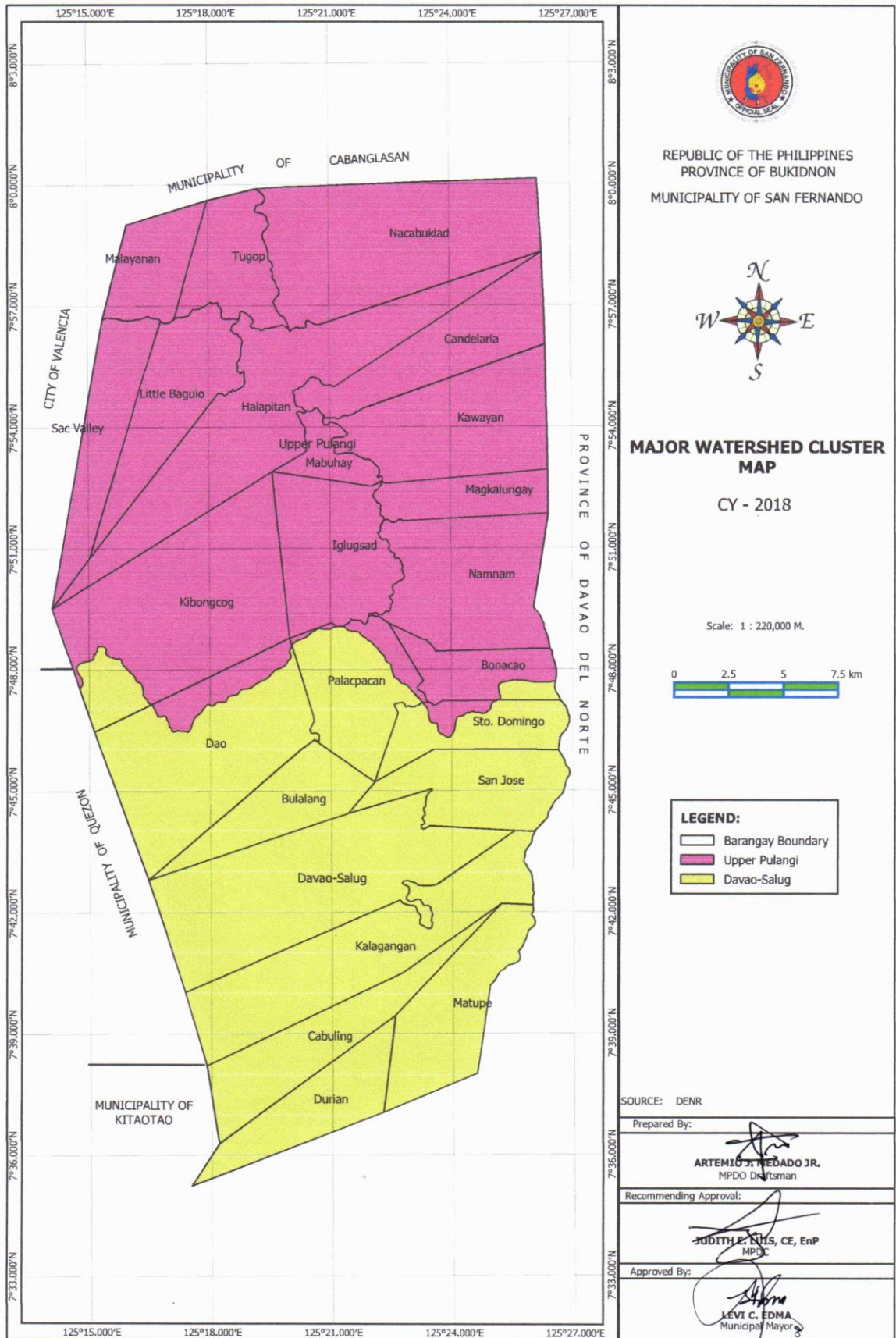
The municipality has abundant water sources scattered in all barangays but not all of them have been tapped to supply potable water to the people. These sources supply different levels of water system (Level I, Level II, and Level III).

SUBTOTAL							
CREEKS				RIVERS			
Length in km	Length in sqm.	Area in sqm.	Area in has.	Length in km	Length in m.	Area in sqm.	Area in has.
213.57	213,570	1,173,900	117.39	206.48	233,010	4,580,800	458.08

Grand TOTAL			
RIVERS AND CREEKS			
Length in km	Length in sqm.	Area in sqm.	Area in has.
420.05	446,580	5,754,700	575.47



**Map 7: Major Watershed Cluster Map**



**Table 1.4**  
**List of Rivers and Creeks**  
**Municipality of San Fernando, Bukidnon**  
**2018**

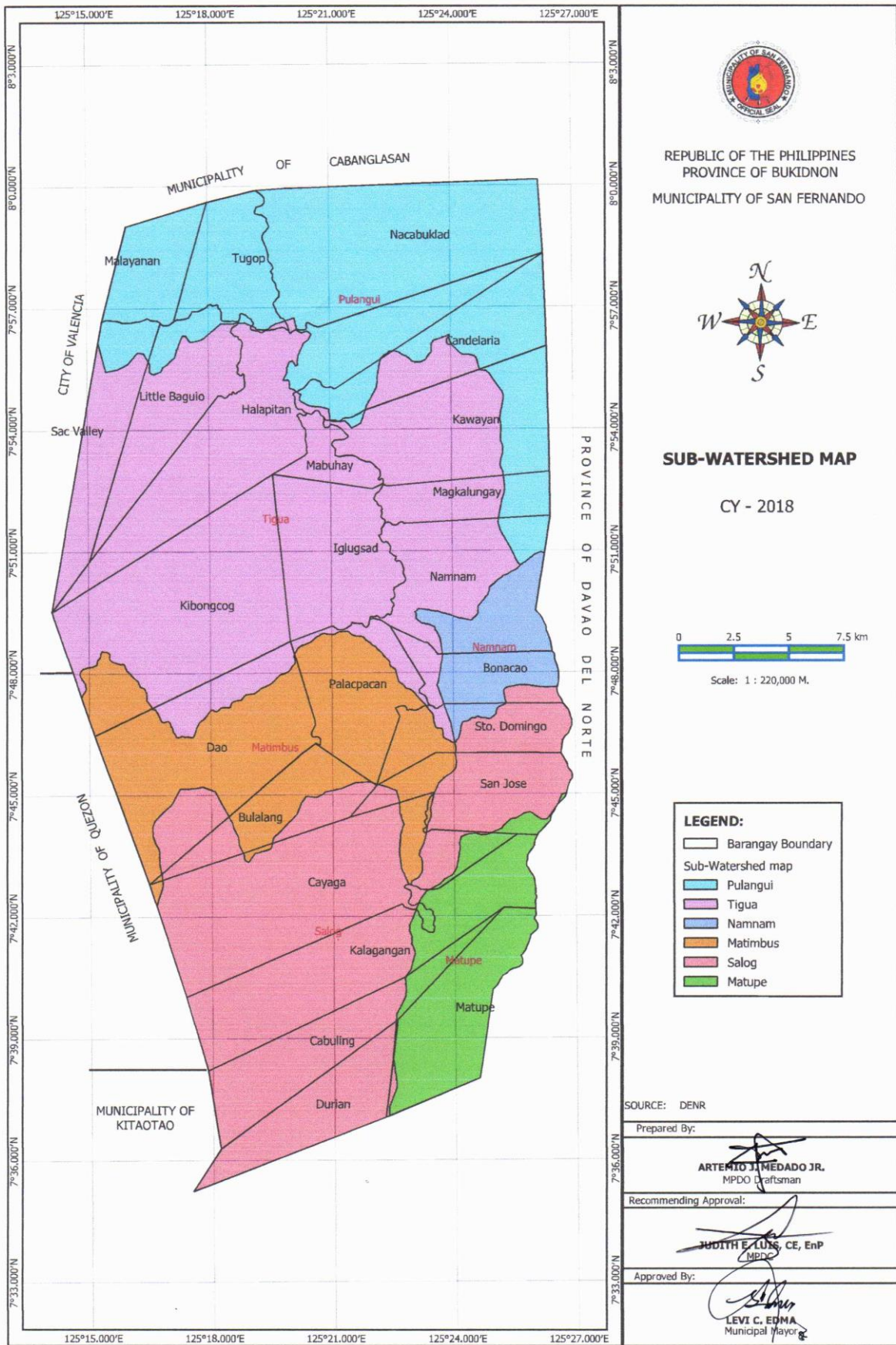
URBAN					
HALAPITAN					
No.	Rivers & Creeks	Length in km	Length in m.	Area in sqm.	Area in has.
1	Alotangen Creek	0.13	130.00	650.00	0.065
2	Balongkot Creek	7.64	7,640.00	38,200.00	3.82
3	Creek	0.28	280.00	1,400.00	0.14
4	Creek	0.02	20.00	100.00	0.01
5	Creek	0.45	450.00	2,250.00	0.225
6	Creek	0.40	400.00	2,000.00	0.2
7	Creek	0.17	170.00	850.00	0.085
8	Creek	1.63	1,630.00	8,150.00	0.815
9	Gangob Creek	2.14	2,140.00	10,700.00	1.07
	Total Creeks	12.86	12,860.00	64,300.00	6.43
1	Kalagutay River	4.76	4,760.00	95,200.00	9.52
2	Kalagutay River	0.94	940.00	18,800.00	1.88
3	Mawi-e River	6.78	6,780.00	135,600.00	13.56
4	Molinga River	1.27	1,270.00	25,400.00	2.54
5	Tigwa River	3.90	3,900.00	78,000.00	7.8
	Total Rivers	17.65	17,650.00	353,000.00	35.3
URBANIZING					
CANDELARIA					
No.	Rivers & Creeks	Length in km.	Length in m.	Area in sqm.	Area in has
1	Creek	0.37	370.00	1,850.00	0.04
2	Balongkot Creek	2.96	2,960.00	14,800.00	0.30
3	Creek	4.73	4,730.00	23,650.00	0.47
4	Creek	2.52	2,520.00	12,600.00	0.25
5	Creek	1.13	1,130.00	5,650.00	0.11
6	Creek	2.78	2,780.00	13,900.00	0.28
7	Creek	0.95	950.00	4,750.00	0.10
8	Creek	0.99	990.00	4,950.00	0.10
	Total Creeks	16.43	16,430.00	82,150.00	1.64
1	Tigwa River	1.89	1,890.00	37,800.00	0.19
KALAGANGAN					
No.	Rivers & Creeks	Length in km	Length in m.	Area in sqm.	Area in has.
1	Cabuling Creek	1.92	1,920.00	9,600.00	0.96
2	Creek	1.3	1,300.00	6,500.00	0.65
3	Creek	2.64	2,640.00	13,200.00	1.32
4	Creek	1.72	1,720.00	8,600.00	0.86
5	Creek	1.6	1,600.00	8,000.00	0.80
	Total Creeks	9.18	9,180.00	45,900.00	4.59
1	Digongan River	3.09	3,090.00	61,800.00	6.18
2	Kalagangan River	5.13	5,130.00	102,600.00	10.26
3	Lugawon River	0.06	60.00	1,200.00	0.12
4	Nilabasan River	6.86	6,860.00	137,200.00	13.72
5	Pailumon River	3.51	3,510.00	70,200.00	7.02
6	Salog River	4.07	4,070.00	81,400.00	8.14
	Total Rivers	22.72	22,720.00	454,400.00	45.44
LITTLE BAGUIO					
No.	River & Creek	Length in km.	Length in m.	Area in sqm.	Area in has.
1	Mawi-i River	7.07	7,070.00	141,400.00	14.14
2	Saguing Creek	5.4	5,400.00	27,000.00	2.70
	Total Rivers	12.47	12,470.00	168,400.00	16.84
MABUHAY					
No.	River & Creek	Length in km	Length in m.	Area in sqm.	Area in has.
1	kalagutay River	4.86	4,860.00	97,200.00	9.72
2	Tigwa River	1.88	1,880.00	37,600.00	3.76
	Total Rivers	6.74	6,740.00	134,800.00	13.48
NACABUKLAD					
No.	Rivers & Creeks	Length in km	Length in m.	Area in sqm.	Area in has
1	Creek	1.97	1,970.00	9,850.00	0.99
2	Creek	2.55	2,550.00	12,750.00	1.28
3	Creek	1.2	1,200.00	6,000.00	0.60

4	Creek	7.1	7,100.00	35,500.00	3.55
5	Creek	4.42	4,420.00	22,100.00	2.21
6	Creek	1.49	1,490.00	7,450.00	0.75
7	Creek	1.56	1,560.00	7,800.00	0.78
8	Creek	1.36	1,360.00	6,800.00	0.68
9	Creek	0.94	940.00	4,700.00	0.47
10	Supon Creek	2.81	2,810.00	14,050.00	1.41
	Total Creeks	25.4	25,400.00	127,000.00	12.70
1	Kulaman River	7.76	7,760.00	155,200.00	15.52
2	Molinga River	7.57	7,570.00	151,400.00	15.14
3	Pulangui River	3.26	3,260.00	65,200.00	6.52
4	Tigwa River	3.95	3,950.00	79,000.00	7.90
	Total Rivers	22.54	22,540.00	450,800.00	45.08
<b>NAMNAM</b>					
No.	Rivers & Creeks	Length in km	Length in m.	Area in sqm.	Area in has.
1	Opes Creek	5.12	5,120.00	25,600.00	2.56
1	Namnam River	7.53	7,530.00	150,600.00	15.06
2	Balakayo River	5.59	5,590.00	111,800.00	11.18
3	Tigwa River	3.57	3,570.00	71,400.00	7.14
	Total River	16.69	16,690.00	333,800.00	33.38
<b>SACRAMENTO VALLEY</b>					
No.	River & Creek	Length in km	Length in m.	Area in sqm.	Area in has.
1	Saguing Creek	1.32	1,320.00	6,600.00	0.66
<b>RURAL</b>					
<b>BONACAO</b>					
No.	River & Creeks	Length in km	Length in m	Area in sqm.	Area in has.
1	Namnam River	3.93	3,930.00	78,600.00	7.86
1	Creek	1.82	1,820.00	9,100.00	0.91
2	Creek	2.83	2,830.00	14,150.00	1.42
3	Creek	1.13	1,130.00	5,650.00	0.57
4	Creek	1.99	1,990.00	9,950.00	1.00
5	Creek	0.96	960.00	4,800.00	0.48
	Total Creeks	8.73	8,730.00	43,650.00	4.37
<b>BULALANG</b>					
No.	Rivers & Creeks	Length in km	Length in m.	Area in sqm.	Area in has.
1	Creek	1.64	1,640.00	8,200.00	0.82
2	Creek	0.47	470.00	2,350.00	0.24
3	Boloan Creek	0.76	760.00	3,800.00	0.38
4	Mitagiti Creek	2.34	2,340.00	11,700.00	1.17
5	Simsimon Creek	1.27	1,270.00	6,350.00	0.64
	Total Creeks	6.48	6,480.00	32,400.00	3.24
1	Lugawon River	0.51	510.00	10,200.00	1.02
2	Nilabasan River	1.54	1,540.00	30,800.00	3.08
	Total Rivers	2.05	2,050.00	41,000.00	4.10
<b>CABULING</b>					
No.	Rivers & Creeks	Length in km.	Length in m.	Area in sqm.	Area in has.
1	Creek	2.21	2,210.00	11,050.00	1.105
2	Creek	2.52	2,520.00	12,600.00	1.26
3	Creek	0.93	930.00	4,650.00	0.465
4	Creek	0.93	930.00	4,650.00	0.465
5	Creek	0.67	670.00	3,350.00	0.335
6	Cabuling Creek	2.58	2,580.00	12,900.00	1.29
7	Lubong Creek	1.88	1,880.00	9,400.00	0.94
	Total Creeks	11.72	11,720.00	58,600.00	5.86
1	Digongan River	2.72	2,720.00	54,400.00	5.44
2	Kalagangan River	0.81	810.00	16,200.00	1.62
3	Kalagangan River	0.27	270.00	5,400.00	0.54
4	Kalagangan River	3.45	3,450.00	69,000.00	6.9
	Total Rivers	7.25	7,250.00	145,000.00	14.5
<b>CAYAGA</b>					
No.	Rivers & Creeks	Length in km	Length in m.	Area in sqm.	Area in has.
1	Creek	1.54	1,540.00	7,700.00	0.77
2	Creek	1.28	1,280.00	6,400.00	0.64
3	Creek	1.75	1,750.00	8,750.00	0.88
4	Creek	0.52	520.00	2,600.00	0.26
5	Creek	1.95	1,950.00	9,750.00	0.98
6	Creek	2.85	2,850.00	14,250.00	1.43

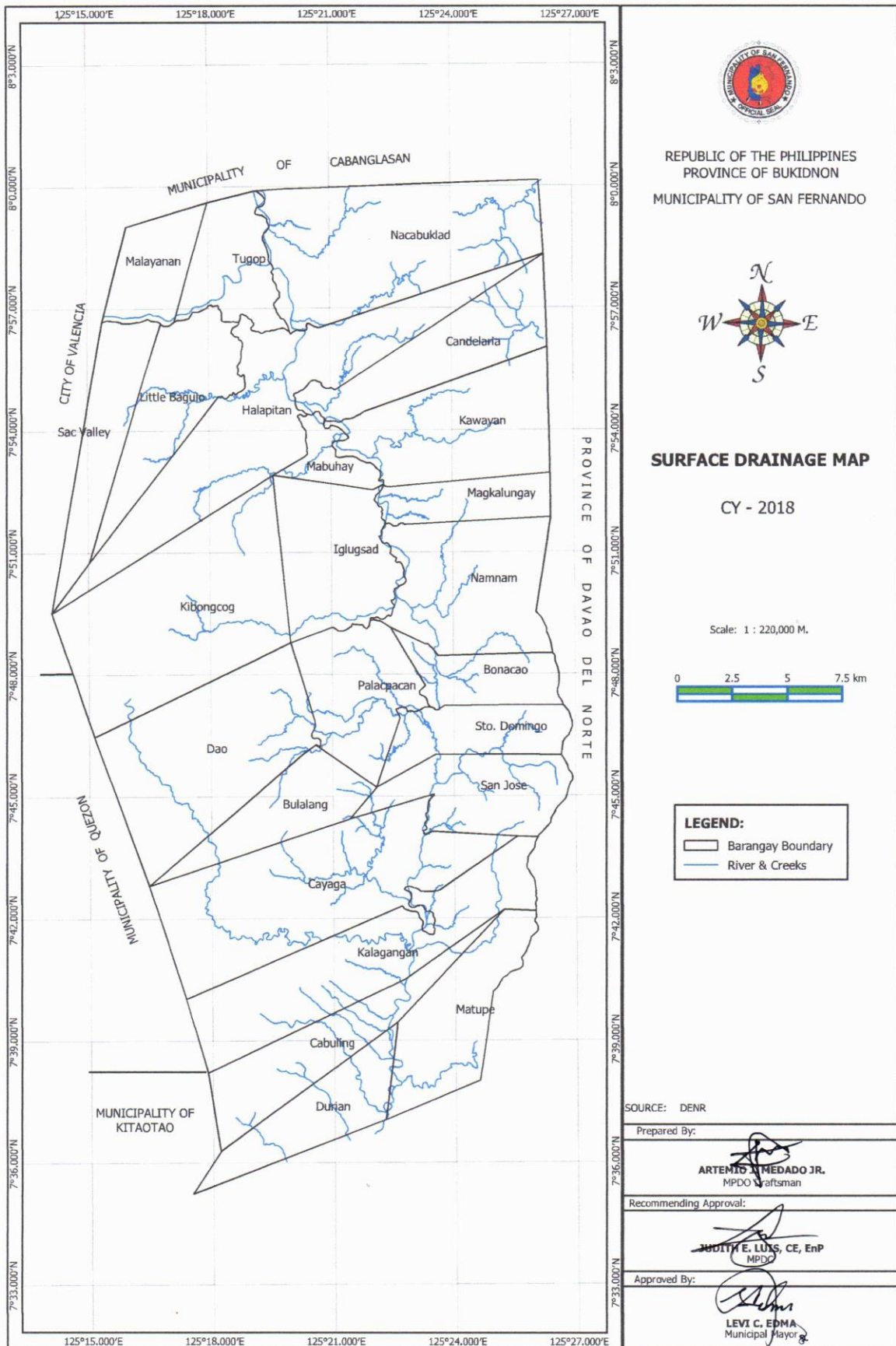
7	Creek	0.09	90.00	450.00	0.05
8	Creek	1.12	1,120.00	5,600.00	0.56
9	Creek	0.37	370.00	1,850.00	0.19
10	Malungon Creek	1.87	1,870.00	9,350.00	0.94
11	Simsimon Creek	6.06	6,060.00	30,300.00	3.03
	Total Creeks	19.4	19,400.00	97,000.00	9.70
1	Kalagangan River	0.92	920.00	18,400.00	1.84
2	Lugawon River	9.67	9,670.00	193,400.00	19.34
3	Nilabasan River	14.44	14,440.00	288,800.00	28.88
4	Salog River	4.98	4,980.00	99,600.00	9.96
5	Total Rivers	30.01	30,010.00	600,200.00	60.02
<b>DURIAN</b>					
No.	Rivers & Creeks	Length in km	Length in m.	Area in sqm.	Area in has.
1	Cabuling Creek	1.56	1,560.00	7,800.00	0.78
2	Creek	0.61	610.00	3,050.00	0.31
3	Creek	0.29	290.00	1,450.00	0.15
4	Creek	0.06	60.00	300.00	0.03
5	Creek	2.59	2,590.00	12,950.00	1.30
6	Lubong Creek	3.38	3,380.00	16,900.00	1.69
	Total Creeks	8.49	8,490.00	42,450.00	4.25
1	Digongan River	3.91	3,910.00	78,200.00	7.82
2	Salog River	3.58	3,580.00	71,600.00	7.16
	Total Rivers	7.49	7,490.00	149,800.00	14.98
<b>IGLUGSAD</b>					
No.	Rivers & Creeks	Length in km.	Length in m.	Area in sqm.	Area in has.
1	Tigwa River	5.86	5,860.00	29,300.00	2.93
2	Tigwa River	1.9	1,900.00	9,500.00	0.95
	Total Rivers	7.76	7,760.00	38,800.00	3.88
<b>KAWAYAN</b>					
No.	Rivers & Creeks	Length in km	Length in m.	Area in sqm.	Area in has.
1	Creek	0.26	260.00	1,300.00	0.13
2	Kawayan Maopya Creek	10.17	10,170.00	50,850.00	5.09
3	Kawayan Maraot Creek	5.17	5,170.00	25,850.00	2.59
	Total Creeks	15.6	15,600.00	78,000.00	7.80
1	Tigwa River	4.41	30,940.00	618,800.00	61.88
<b>KIBONGCOG</b>					
No.	Rivers & Creeks	Length in km.	Length in m.	Area in sqm.	Area in has.
1	Alotangen Creek	5.03	5,030.00	25,150.00	2.52
2	Creek	0.03	30.00	150.00	0.02
3	Creek	2.23	2,230.00	11,150.00	1.12
4	Salumayag Creek	2.35	2,350.00	11,750.00	1.18
	Total Creeks	9.64	9,640.00	48,200.00	4.82
1	Nilabasan River	1.53	1,530.00	30,600.00	3.06
2	Tigwa River	4.57	4,570.00	91,400.00	9.14
3	Tigwa River	0.07	70.00	1,400.00	0.14
	Total Rivers	6.17	6,170.00	123,400.00	12.34
<b>MAGKALUNGAY</b>					
No.	River & Creeks	Length in km	Length in m.	Area in sqm.	Area in has.
1	Creek	3.59	3,590.00	17,950.00	1.80
2	Creek	4.34	4,340.00	21,700.00	2.17
3	Opes Creek	1.18	1,180.00	5,900.00	0.59
	Total Creeks	9.11	9,110.00	45,550.00	4.56
1	Tigwa River	1.84	1,840.00	36,800.00	3.68
<b>MALAYANAN</b>					
No.	River & Creek	Length in km	Length in sqm.	Area in sqm.	Area in has.
1	Pulangui River	3.51	3,510.00	105,300.00	10.53
<b>MATUPE</b>					
NO.	Rivers & Creeks	Length in km	Length in m.	Area in sqm.	Area in has.
1	Cabuling Creek	0.02	20.00	100.00	0.01
2	Creek	0.38	380.00	1,900.00	0.19
3	Creek	0.45	450.00	2,250.00	0.23
	Total Creeks	0.85	850.00	4,250.00	0.43
1	Digongan River	0.02	20.00	400.00	0.04

2	Kalagangan River	3.13	3,130.00	62,600.00	6.26
3	Matupe River	7.36	7,360.00	147,200.00	14.72
4	Salog River	3.51	3,510.00	70,200.00	7.02
	Total Rivers	14.02	14,020.00	280,400.00	28.04
<b>PALACPACAN</b>					
No.	River & Creeks	Length in km	length in m.	Area in sqm.	Area in has.
1	Boloan Creek	4.89	4,890.00	24,450.00	2.45
2	Creek	0.28	280.00	1,400.00	0.14
3	Creek	0.21	210.00	1,050.00	0.11
4	Creek	0.99	990.00	4,950.00	0.50
5	Creek	0.67	670.00	3,350.00	0.34
6	Creek	1.01	1,010.00	5,050.00	0.51
7	Pusod Creek	6.72	6,720.00	33,600.00	3.36
	Total Creeks	14.77	14,770.00	73,850.00	7.39
1	Matimbus River	7.08	7,080.00	141,600.00	14.16
<b>SAN JOSE</b>					
No.	Rivers & Creeks	Length in km	Length in m.	Area in sqm.	Area in has.
1	Camunoan Creek	3.57	3,570.00	17,850.00	1.79
2	Creek	0.15	150.00	750.00	0.08
3	Creek	0.43	430.00	2,150.00	0.22
4	Creek	0.18	180.00	900.00	0.09
5	Creek	1.36	1,360.00	6,800.00	0.68
6	Creek	0.42	420.00	2,100.00	0.21
7	Creek	1.32	1,320.00	6,600.00	0.66
8	Creek	0.91	910.00	4,550.00	0.46
9	Creek	0.68	680.00	3,400.00	0.34
10	Salangat Creek	5.15	5,150.00	25,750.00	2.58
11	Simsimon Creek	0.92	920.00	4,600.00	0.46
12	Umayam Creek	2.94	2,940.00	14,700.00	1.47
	Total Creeks	18.03	18,030.00	90,150.00	9.02
1	Kalagangan River	1.46	1,460.00	29,200.00	2.92
2	Salog River	3.97	3,970.00	79,400.00	7.94
	Total Rivers	5.43	5,430.00	108,600.00	10.86
<b>STO. DOMINGO</b>					
No.	Rivers & Creeks	Length in km	Length in m.	Area in sqm.	Area in has.
1	Creek	0.06	60.00	300.00	0.03
2	Creek	6.1	6,100.00	30,500.00	3.05
3	Creek	0.15	150.00	750.00	0.08
4	Creek	3.73	3,730.00	18,650.00	1.87
5	Creek	0.78	780.00	3,900.00	0.39
6	Pusod Creek	0.47	470.00	2,350.00	0.24
7	Salangat Creek	2.08	2,080.00	10,400.00	1.04
	Total Creeks	13.37	13,370.00	66,850.00	6.69
1	Matimbus River	1.45	1,450.00	29,000.00	2.90
2	Salog River	1.91	1,910.00	38,200.00	3.82
<b>TUGOP</b>					
No.	Rivers & Creeks	Length in km	Length in m.	Area in sqm.	Area in has.
1	Pulangui River	8.29	8,290.00	248,700.00	24.87
2	Kulaman River	0.03	30.00	600.00	0.06
3	Tigwa River	0.22	220.00	4,400.00	0.44
	Total Rivers	8.54	8,540.00	253,700.00	25.37

**Map 8: Sub-watershed Map**



**Map 9: Surface Drainage Map**



### 1.2.7 GEOLOGICAL FORMATION AND CHARACTERISTIC OF SOIL

The geologic formation of the land of San Fernando is dominated with *Oligocene* soil formation in the upper part of the municipality which comprises 42,336.51 hectares or approximately 51.53% of the total land area of the municipality. This area is a common vegetation type covered by the expansion of grasslands and a regression of tropical broad leaf forests which are present in 20 barangays as enumerated in Table 1.5. The whole area of barangay Malayanan is covered by this soil characteristic as shown in Map 10 (Geologic Map).

The second largest cover of geologic soil formation which allocate 12,666.40 hectares or 15.42% of the total area is the *upper miocene-pliocene* formation or clay loam and red clay. Sediments are present in some parts of this formation especially the red clay. This characteristics is suitable for agriculture especially for crops such as paddy rice, corn, sugarcane and banana. Barangays Cayaga and Bulalang and half part of Palacpacan are fortunate of this type of soil

*Oligocene-miocene* geologic formation covers 2,257.54 hectares of the municipality or 2.75% of the total wherein fossil soils are present. This kind of soil is not suitable for agriculture but maybe an important resource for terrestrial environment and climatic reconstruction. This type of soil is mostly present in barangay Sacramento Valley and few parts of other barangays as shown in the same Map.

*Neogene* formation is very common in barangay Dao. Climate is cooled and dried which is good for livestock production like goats, cattle and horses.

There are also barangays in the eastern boundary of the land which covered with *cretaceous paleogene* formation or cemented in type which is obviously not suitable for agriculture but a great resource for slope protection and sub-base layer reinforcing and protecting the subgrade. There are few parts in the lowest elevation of the land that are covered by *Holocene* soils or the *recent* formation that are characteristically composed of very gravelly materials.

Among the six geologic soil formations mentioned above, there are areas of barangays Matupe, Cabuling, Cayaga and Kalagangan fall on the *undifferentiated* covers due to some components which do not represent a regular pattern.

Based on the data gathered, the remaining 16,195.44 hectares or 19.71% of the total land area of the municipality belong to conflict area and not included in the characterization of soil formation.

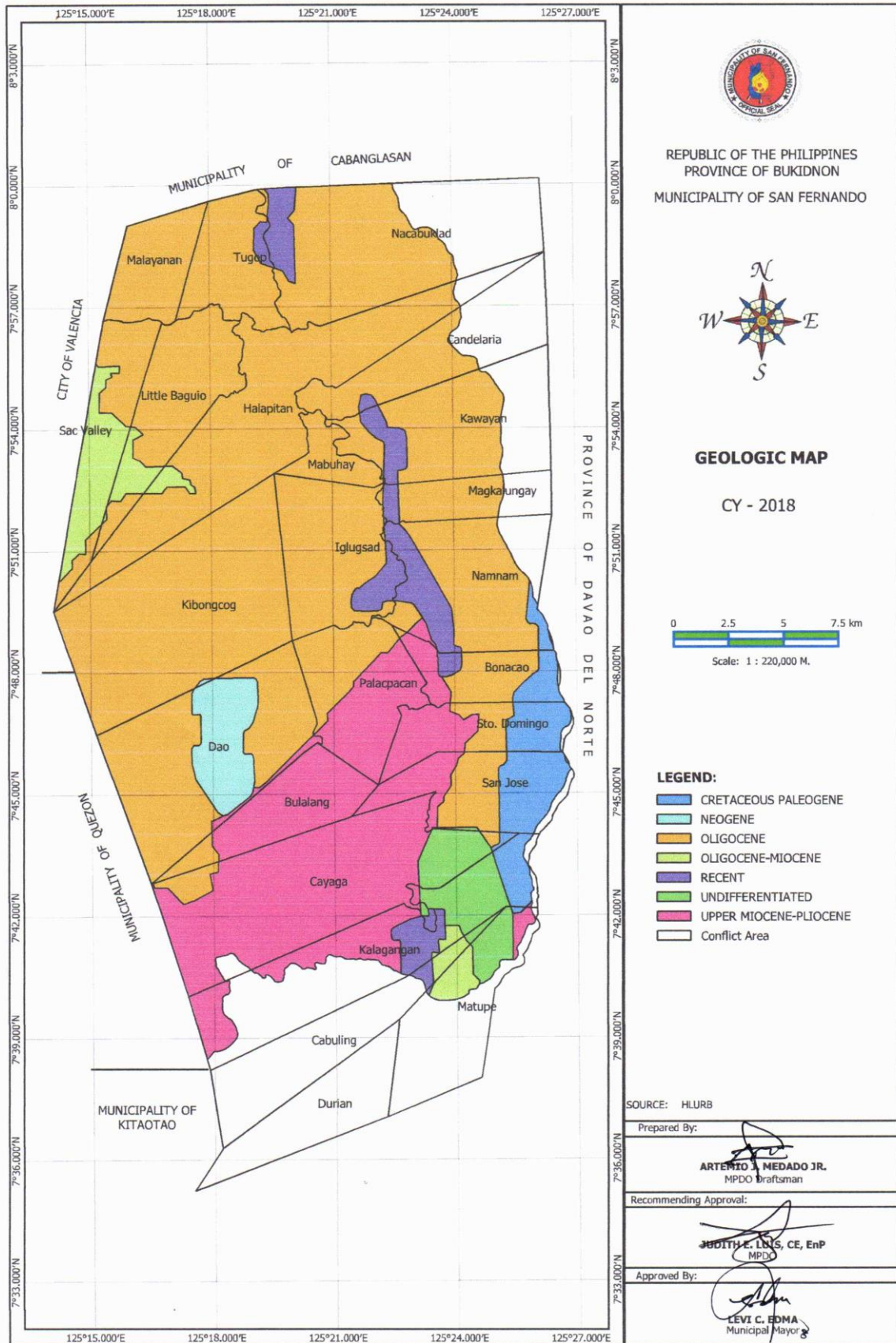


**Table 1.5**  
**Geologic Formation and Soil Characteristic**  
**Municipality of San Fernando, Bukidnon**  
**2018**

Name of Barangay	Oligocene	Upper Miocene – Pliocene	Neogene	Oligocene - Miocene	Cretaceous - Paleogene	Recent	Undifferentiated	Conflict Area
<b>Urban</b>								
Halapitan								
<b>Urbanizing</b>								
Candelaria								
Kalagangan								
Little Baguio								
Mabuhay								
Nacabuklad								
Namnam								
Sacramento Valley								
<b>Rural</b>								
Bonacao								
Bulalang								
Cabuling								
Cayaga								
Dao								
Durian								
Iglugsad								
Kawayan								
Kibongcog								
Magkalungay								
Malayanan								
Matupe								
Palacpacan								
San Jose								
Sto. Domingo								
Tugop								
<b>Area</b> <b>82,162 hec</b>	<b>42,336.51</b>	<b>12,666.40</b>	<b>1,458.79</b>	<b>2,257.74</b>	<b>2,450.09</b>	<b>2,876.92</b>	<b>1,920.20</b>	<b>16,195.44</b>
<b>Percent to Total</b>	<b>51.53%</b>	<b>15.42%</b>	<b>1.78%</b>	<b>2.75%</b>	<b>2.98%</b>	<b>3.50%</b>	<b>2.34%</b>	<b>19.71%</b>
<b>Legend</b>								
Oligocene	<ul style="list-style-type: none"> <li>- Soil covered with grassland,</li> <li>- regression of broad forest leaf</li> </ul>							
Upper Miocene – Pliocene	<ul style="list-style-type: none"> <li>- Clay loam, Red clay,</li> <li>- sediments are present in some soil</li> <li>- suitable for agriculture especially for crops such as paddy, sugarcane and banana.</li> </ul>							
Neogene	<ul style="list-style-type: none"> <li>- climate is cooled and dried</li> <li>- suitable for livestock production</li> </ul>							
Oligocene – Miocene	<ul style="list-style-type: none"> <li>- fossil soils are present</li> <li>- not suitable for agriculture but maybe an important resource for terrestrial environment and climatic reconstruction.</li> </ul>							
Cretaceous Paleogene	<ul style="list-style-type: none"> <li>- Cemented soil</li> <li>- Not suitable for agriculture but an important resource for slope protection and sub-base layer reinforcing and protecting the subgrade</li> </ul>							
Recent	<ul style="list-style-type: none"> <li>- Soil is composed of very gravelly materials</li> </ul>							
Undifferentiated	<ul style="list-style-type: none"> <li>- No conformity in soil formation</li> </ul>							
Conflict Area	<ul style="list-style-type: none"> <li>- Not included in the characterization of soil formation</li> </ul>							

Source: MPDO, HLURB

**Map 10: Geologic Map**



## 1.2.8 LAND COVER

Based on Table 1.6, as quantified from Map 11 (Land Cover Map), the present land use cover of the municipality is characteristically dominated with shrub land representing 16,014.66 or around 19.49% of the total land area followed by mossy forest cover utilizes 13,465.19 hectares or 16.39% of the total land area. The third largest cover is other land with tree cover comprises 11,567.53 hectares or 14.08% allocation.

Agricultural land utilizes 12,949.16 hectares or 15.76% of the total area which is predominated with rice and corn, as these crops cover most of the cultivated area. The rest areas are covered with built-up, inland water, open/barren, and infrastructures.

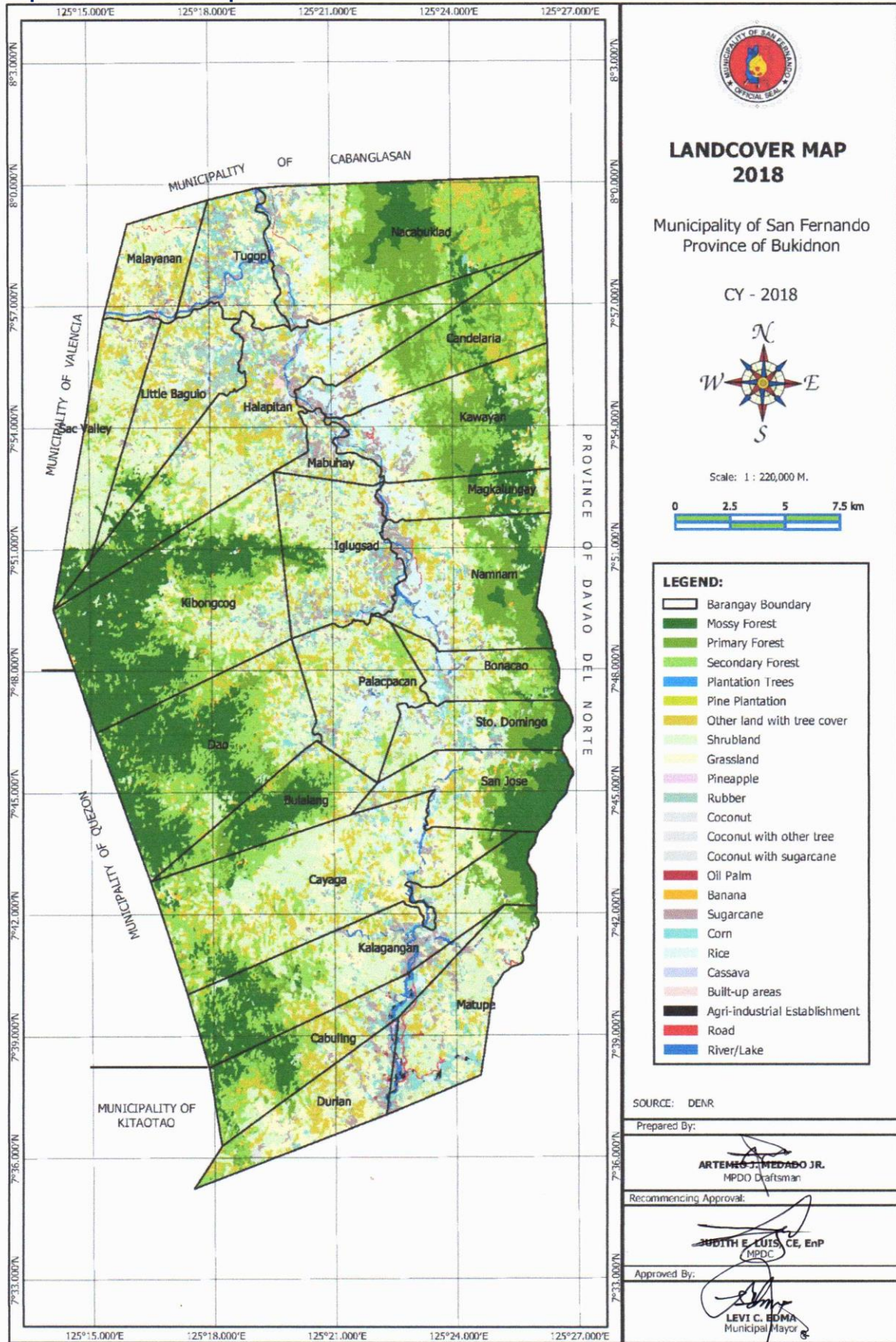
The map, also shows the clear identification of categorized land covers. Both sides are covered with forest and grasslands.

**Table 1.6**  
**Land Cover**  
**Municipality of San Fernando, Bukidnon**  
**2018**

Category	Area (in hectare)	% to Total
Mossy Forest	13,465.19	16.39
Primary Forest	8,294.33	10.10
Secondary Forest	9,634.17	11.73
Plantation Forest	1,016.0	1.24
Pine Plantation	0.60	0.0007
Other Land with Tree Cover	11,567.53	14.08
Shrubland	16,014.66	19.49
Grassland	8,315.59	10.12
Pineapple	8.55	0.01
Rubber	1,200.47	1.46
Coconut	4.50	0.005
Coconut with other Tree	296.15	0.36
Cocunut with Sugarcane	140.32	0.17
Oil palm	14.28	0.02
Banana	215.45	0.26
Sugarcane	2,228.39	2.71
Corn	5,988.53	7.29
Rice	2,591.21	3.15
Cassava	14.92	.018
Built-up Areas	186.44	0.23
Agri-industrial Establishment	45.56	0.06
Road	174.31	0.21
River/Lake/Creek	744.85	0.91
<b>Total</b>	<b>82,162.00</b>	<b>100%</b>

Source: MPDO

**Map 11: Land Cover Map**



### 1.2.9 MINERAL RESOURCES

Although no extensive studies have been made to ascertain the volume and the quantity of minerals available in the municipality, local dwellers and prospective developers claim that there are metallic deposits of gold in Barangay Bulalang and Dao, specifically in Kagatan and KM12 Terminal Area or also known as Tagbiga with 81 hectares of the total land area as shown in Map 12 (Mineral Map). Kagatan occupies an area of 81 hectares of the total land area of the Municipality. However, this portion of land has already surveyed by Region 10 Mines and Geosciences Bureau (MGB) for the proposed project (Minahang Bayan) and to legalize this land for any mining operations, particularly within Kagatan area. Moreover, local dwellers claim that there are non-metallic deposits of dimension stones are found in barangays Namnam, Kalagangan and Magkalungay in the eastern portion of the municipality.

### 1.2.10 CLIMATE

Climate in the Philippines has been described in terms of rainfall distribution received in a locality. Climate zones traditionally are classified from a rain-gauge network, using the Modified Coronas Classification (MCC). With the use of average monthly distribution of rainfall at different stations, four types of such rainfall distributions in the Philippines are defined. The southern part of Bukidnon, where San Fernando is situated, falls under the fourth type of climate classification.

Characteristically, this type of climate has wet seasons but no dry seasons. Rainfall is more or less evenly distributed throughout the year. Rain occurrence is frequently in the months of May to November as shown in Table 1.7.

Rainfall distribution is likely to vary in this part of the province due to dominant presence of adjoining hills and mountain ranges. The Inter-Tropical Convergence Zone (ITCZ) also influences long rainfalls and thunderstorms in the area.

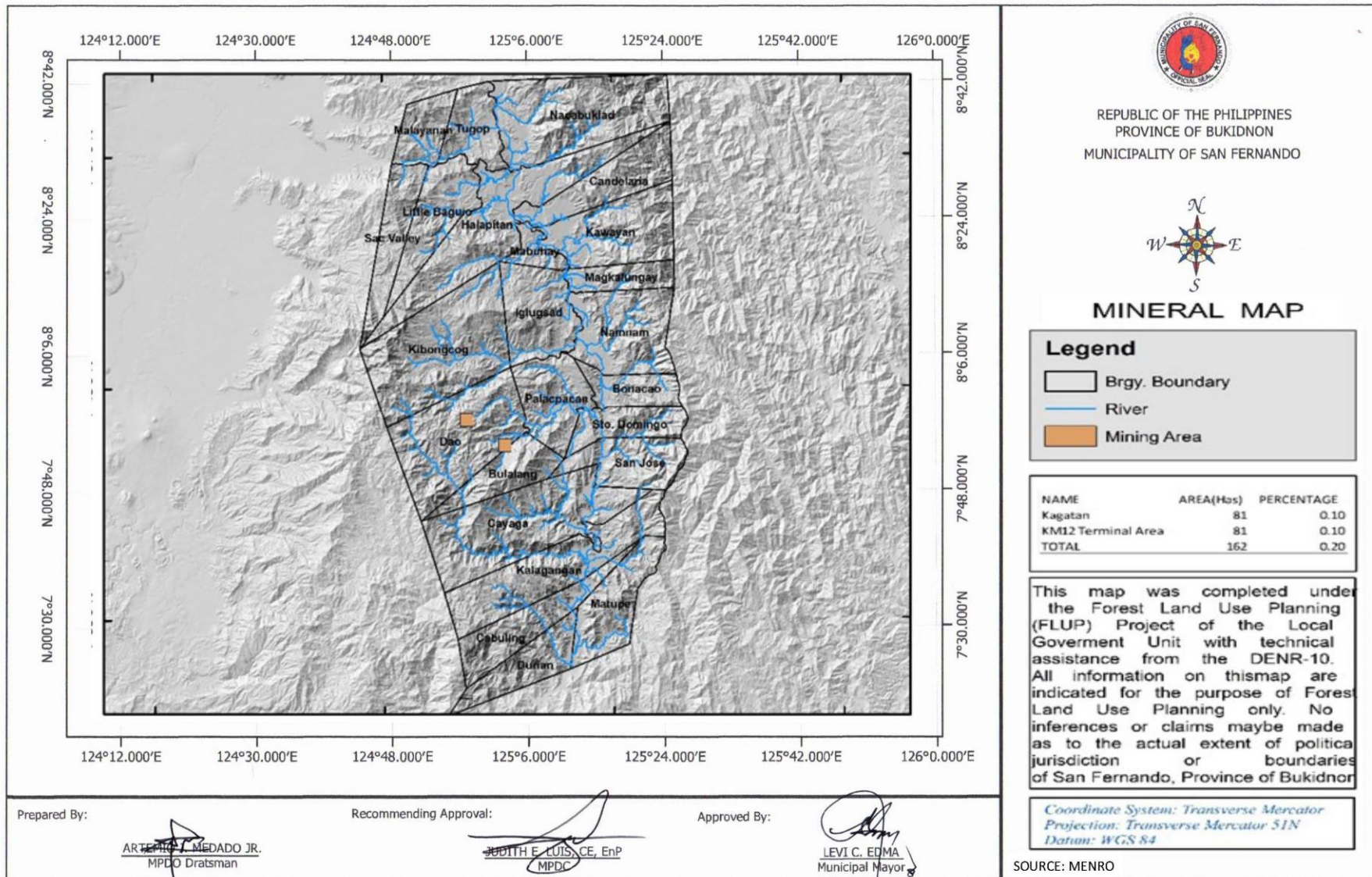
Generally, temperature ranges from 21°C to 30° with January being the coolest while April being the hottest month of the year. Frequency of tropical cyclones are rare, ranging from zero to ten percent annually.

**Table 1.7**  
**Climate Data**  
**Municipality of San Fernando, Bukidnon**  
**2015**

Month		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Average High	°C	27	27	28	30	29	28	28	28	29	28	28	28	28
	°F	81	81	82	86	84	82	82	82	84	82	82	82	82
Average Low	°C	21	21	21	21	23	23	22	22	23	23	22	21	22
	°F	70	70	70	70	73	73	72	72	73	73	72	70	72
Average Precipitation	Mm	118	73	66	74	175	261	271	281	267	258	164	93	2,101
	inches	4.6	2.9	2.6	2.9	6.9	10.3	10.7	11.1	10.5	10.2	6.5	3.7	82.9
Average Rainy Days		16.0	13.8	12.4	13.1	24.2	27.6	28.9	28.5	27.1	27.4	21.0	16.1	256.1

Source: Meteoblue

Map 12: Mineral Map



### 1.2.11 EROSION

Considering that a major portion of the municipality is highly elevated and rain occurrence is more or less evenly distributed throughout the year, when it rains in the hilly areas, the soil gets washed away towards the plain thus running water is the leading cause of soil erosion in San Fernando. It also follows that those within this area covering 55,597.58 hectares or 67.67% of the total land area are severely susceptible to erosion. This covers mostly areas of all barangays except barangay Durian and other parts of barangays on the eastern and southern boundary portion due to conflict status of the areas and are considered not identified in the level category. Activities which lead to soil erosion are removal of vegetation, logging and ground disturbance like mining.

On the other hand, boundary areas on the northern portion and small part on the western boundary are considered slight to moderately susceptible to erosion which shares the least portion of the land as enumerated in Table 1.8 and as clearly categorized in the Map 10 (Erosion Map).

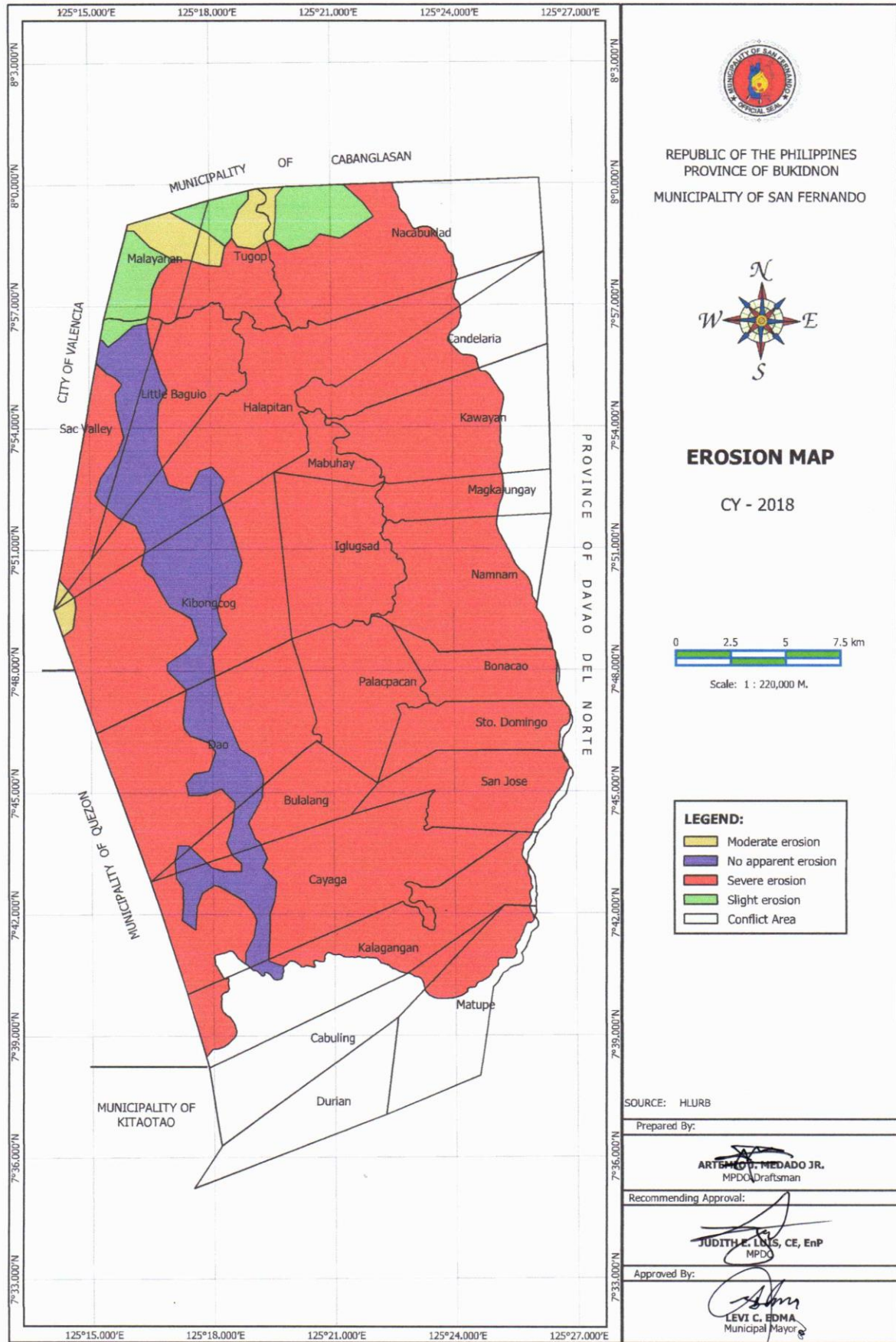
Out of the total land area, there is no susceptibility or no apparent erosion identified in 6,940.11 hectares or 8.45% of the total which distributed to barangays in the western portion of the municipality

**Table 1.8**  
**Level of Erosion**  
**Municipality of San Fernando, Bukidnon**  
**2018**

Category	Area (in hectare)	Percentage to Total (%)
No apparent erosion	6,940.11	8.45%
Slight erosion	2,203.01	2.68%
Moderate erosion	1,225.78	1.49%
Severe erosion	55,597.58	67.67%
Not identified (Conflict Areas)	16,195.53	19.71%
<b>Total</b>	<b>82,162.00</b>	<b>100%</b>

Source: MPDO

**Map 13: Erosion Map**





### 1.2.12 GEO HAZARD AND RISK ASSESSMENT

In terms of natural hazards, San Fernando is susceptible to flashflood, landslide, erosion, and earthquake/ground shaking due to Davao Fault. On the other hand, manmade disasters includes arm conflict, tribal intervention, vehicular accident and fire.

Due to highly elevated local terrain condition of the municipality as mentioned a while ago, all barangays of San Fernando are severely susceptible to erosion. In this case, it triggers landslide which also highly susceptible throughout the land area as identified in Table 1.9 based on the Map 11 (Hazard Map). Areas passing through the lowest elevation portion identified low susceptibility while the small coveries of moderate landslide susceptibility is scattered towards different barangays.

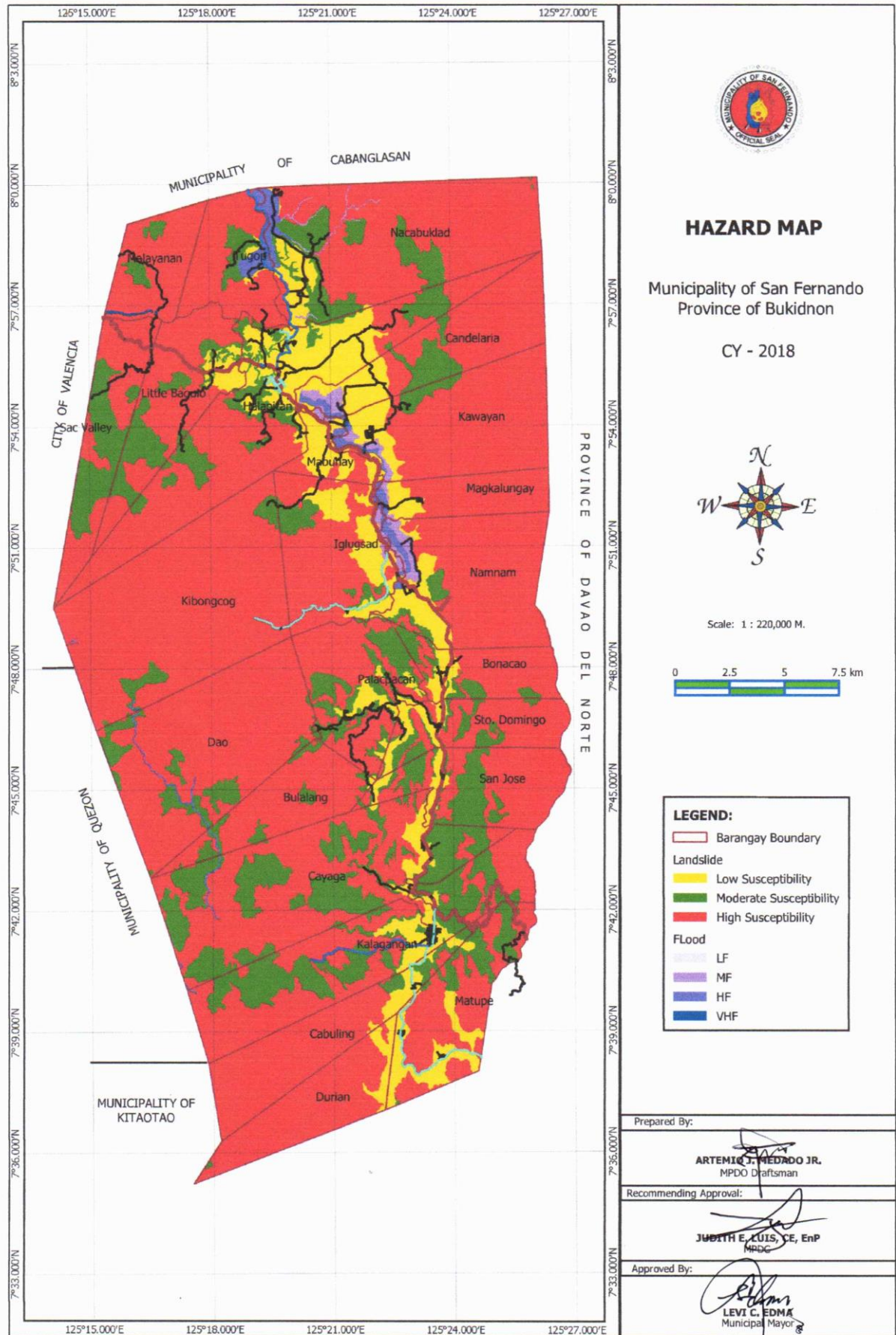
Majority of the barangays are prone to high flood susceptibility especially in the lowlands of *Pulangi* and *Tigua* River Valleys in lowest elevation. Concern is focus on the small portion of Barangay Malayanan which is the only area that is identified as very high flood susceptible.

**Table 1.9**  
**Hazard Susceptibility**  
**Municipalit of San Fernando, Bukidnon**  
**2018**

Name of Barangay	Geo Hazards					
	Landslide Susceptibility			Flood Susceptibility		
	Low	Moderate	High	Moderate	High	Very High
<b>Urban</b>						
1. Halapitan						
<b>Urbanizing</b>						
1.Candelaria						
2.Kalagangan						
3.Little Baguio						
4.Mabuhay						
5.Nacabuklad						
6.Namnam						
7.Sacramento Valley						
<b>Rural</b>						
1. Bonacao						
2. Bulalang						
3. Cabuling						
4. Cayaga						
5. Dao						
6. Durian						
7. Iglugsad						
8. Kawayan						
9. Kibongcog						
10. Magkalungay						
11. Malayanan						
12. Matupe						
13. Palacpacan						
14. San Jose						
15. Sto. Domingo						
16. Tugop						

Source: Muncial Disaster Risk Reduction Management Office (MDRRMO)

**Map 14: Hazard Map**



In recent strategic planning workshop conducted by the Municipal Disaster Risk Reduction Management Council after environmental scanning identified floods, erosion, landslide, ground shaking due to fault line, arm conflict, fire and vehicular accident area as the priority hazard to be addressed. The following tables are hazards identified in the barangays in different sectors such as social (Table 1.10), economic (Table 1.11 and 1.12), environmental (Table 1.13) and infrastructure (Table 1.14).

**Table 1.10**  
**Hazards Identified in the Barangays in the Social Sector**  
**Municipality of San Fernando, Bukidnon**  
**2018**

<b>SOCIAL SECTOR</b>						
<b>Name of Barangay</b>	<b>Natural Hazards</b>				<b>Manmade Disaster</b>	
	<b>Flashflood</b>		<b>Landslide</b>		<b>Arm Conflict</b>	
	<b>Number of Family</b>	<b>Population</b>	<b>Number of Family</b>	<b>Population</b>	<b>Number of Family</b>	<b>Population</b>
<b>Urban</b>						
1. Halapitan						
<b>Urbanizing</b>						
1.Candelaria	4	21	28	104		
2.Kalagangan	31	161	13	56		
3.Little Baguio	28	220	212	2,463		
4.Mabuhay	28	114	39	171	62	292
5.Nacabuklad						
6.Namnam	75	472	177	746	96	383
7.Sacramento Valley	495	1871	495	1,815		
<b>Rural</b>						
1. Bonacao	61	254			170	787
2. Bulalang						
3. Cabuling	126	512	286	1,243		
4. Cayaga	198	1147	226	1,253		
5. Dao	203	1014	96	521	414	1,987
6. Durian						
7. Iglugsad	72	296	28	95		
8. Kawayan	359	1485	122	632	77	416
9. Kibongcog	2	10	10	34		
10. Magkalungay	335	1461	432	1,870	271	1,095
11. Malayanan	1	5	1	6		
12. Matupe						
13. Palacpacan	7	50	28	127		
14. San Jose	226	896	249	1,016	176	775
15. Sto. Domingo	11	54	39	201		
16. Tugop	218	571	61	185		
<b>Total</b>	<b>2,480</b>	<b>10,614</b>	<b>2,542</b>	<b>12,566</b>	<b>1,266</b>	<b>5,735</b>

Source: Municipal Disaster Risk Reduction Management Office (MDRRMO)

**Table 1.11**  
**Hazards Identified in the Barangays in the Economic Sector**  
**Municipality of San Fernando, Bukidnon**  
**2018**

<b>ECONOMIC SECTOR - AGRICULTURE</b>			
<b>Irrigation Facility</b>			
<b>Barangay</b>	<b>Name of System</b>	<b>Area likely to be affected</b>	<b># of farmers likely to be affected</b>
Bonacao	Bonacao IA	150	168
Candelaria	ISA 1,2,3	90	70
Halapitan	NALA IA	200	180
Iglugsad	Namlugsad IA	50	60
Little Baguio	LIBAFA	60	50
Mabuhay	MABUHAY IA	40	45
Nacabuklad	NSWIPSAI	40	45

Source: MDRRMO

**Table 1.12**  
**Hazards Identified in the Barangays in the Economic Sector (Agriculture – Crops and Livestocks)**  
**Municipality of San Fernando, Bukidnon**  
**2018**

<b>ECONOMIC SECTOR (AGRICULTURE)</b>																
<b>Barangay</b>	<b>Crop</b>								<b>Livestock</b>							
	<b>High Value Crops</b>		<b>Corn</b>		<b>Rice</b>		<b>Durian</b>		<b>Cattle</b>		<b>Swine</b>		<b>Carabao</b>		<b>Horse</b>	
	<b># of hec.</b>	<b># of Farmers</b>	<b># of Hec.</b>	<b># of Farmer</b>	<b># of Hec.</b>	<b># of Farmer</b>	<b># of Hec.</b>	<b># of Farmer</b>	<b># of Heads</b>	<b># of Farmer</b>	<b># of Heads</b>	<b># of Farmer</b>	<b># of Heads</b>	<b># of Farmer</b>	<b># of Heads</b>	<b># of Farmer</b>
Bonacao	50	25	65	55	28	30										
Bulalang	4.35	46	33.4	96	17	9										
Cabuling	6	24	47.55	64	6.85	8										
Candelaria			3	2	14.55	11										
Cayaga	4	19	48.53	71	53.5	32			1	1	1	1				
Dao	26.5	43	226	133			3	3								
Halapitan	68	40	43.25	28	2.5	7										
Iglugsad	50	30	80	100	40	45										
Kalagangan	85.02	275	501.3	495	13.75	8			8	5	5	2	4	4	1 1	
Kawayan					2	1										
Kibongcog	20	30	80	60												
Little Baguio	30	30	2.5	2	1	1										
Mabuhay	3.5	5	26.75	15												
Malayanan	28	30	65	50	15	10										
Magkalungay		4.3	6	14.5	17											
Matupe			90	255										2	1	
Nacabuklad			20.8	16	4.5	4										
Namnam	1.95	4	15.3	14	3.25	3										
Palacpacan			83.75	61	46.5	27								1	1	
Sac. Valley	1	2	1.5	1												
San Jose	40.5	38	42.13	50	11	4			1	1						
Sto. Domingo			23.75	22	31.25	19			1	1	3	1				
Tugop			54.15	30	5	2										
<b>TOTAL</b>	<b>418.82</b>	<b>641</b>	<b>1,557.96</b>	<b>1,626</b>	<b>310.15</b>	<b>238</b>	<b>3</b>	<b>3</b>	<b>11</b>	<b>8</b>	<b>9</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>3</b>	

Source: MDRRMO

**Table 1.13**  
**Hazards Identified in the Barangays in Environmental Sector**  
**Municipality of San Fernando, Bukidnon**  
**2018**

<b>HAZARDS IN ENVIRONMENTAL SECTOR</b>								
<b>Flood</b>	<b>Barangay</b>	<b>Exposed Facility/ Area/ Population</b>	<b>Hazard (Susceptibility)</b>	<b>Likelihood</b>	<b>Degree of Damage</b>	<b>Adaptive Capacity</b>	<b>Severity of Consequence</b>	<b>Risk</b>
	Bonacao	River	medium	medium	low	high	medium	medium
	Cayaga	River/ Creek	medium	medium	low	high	medium	medium
	Dao	River	low	low	low	medium	low	low
	Halapitan	River	high	high	high	high	high	high
	Kalagangan	River/ Creek	High	high	high	high	high	high
	Magkalungay	River	medium	low	low	high	high	high
	Matupe	River	low	low	low	low	low	low
	Nacabuklad	River	medium	medium	low	high	low	low
	Palacpacan	River	low	low	low	medium	low	low
	San Jose	River	high	high	high	high	high	high
	Sto. Domingo	River/Creek	medium	medium	low	medium	medium	medium
	Tugop	River	medium	medium	low	high	low	low
<b>Landslide</b>								
	Bulalang	Forestland	low	low	low	low	low	low
	Cayaga	Forestland	medium	medium	low	low	medium	Medium
	Dao	Forestland	medium	medium	medium	low	medium	Medium
	Halapitan	Forestland	low	low	low	low	low	low
	Kalagangan	Forestland	medium	medium	low	low	medium	medium
	Kibongcog	Forestland	medium	medium	low	low	medium	Medium
	Matupe	Forestland	medium	Medium	low	low	medium	Medium
	Nacabulad	Forestland	medium	medium	low	low	medium	medium
	Palacpacan	Forestland	medium	medium	low	low	medium	medium
	San Jose	Forestland	medium	medium	low	low	medium	Medium
	Sto Domingo	Forestland	high	high	high	low	high	high

Source: MDRRMO

**Table 1.14**  
**Hazards Identified in the Barangays in Infrastructure Sector**  
**Municipality of San Fernando, Bukidnon**  
**2018**

HAZARDS IN INFRASTRUCTURE SECTOR							
Flood							
Barangay	Name of Damaged Infra and Brief Description	Hazard (Susceptibility)	Likelihood	Degree of Damage	Adaptive Capacity	Severity of Consequence	Risk
Bulalang	Road/ Drainage	low	low	low	low	low	low
Cabuling	Road/ Drainage/ Water System	medium	low	low	low	low	low
Candelaria	ISA-II Dam	high	medium	medium	Low	medium	low
Dao	Road/ Drainage	low	low	low	low	low	low
Durian	Drainage/ Box Culvert/ Road	medium	low	low	low	low	low
Kalagangan	Road/ Box Culvert	medium	low	medium	medium	medium	medium
Simsimon, Kalagangan	School	medium	low	medium	medium	medium	medium
	Pandayan, Elem. School	low	low	medium	medium	medium	medium
	Sitio Stage	low	low	medium	medium	medium	medium
	Church	low	low	low	medium	medium	medium
Magkalungay	Riverbank	high	medium	medium	medium	medium	medium
Matupe	Road/ Drainage	medium	medium	low	low	low	Low
Nacabuklad	NSWIPS	medium	low	medium	low	medium	low
Palapacan	Road/ Drainage	low	low	low	low	low	low
Landslide							
Bulalang	Road	high	high	high	high	high	high
Cabuling	Potable Water Supply/ Road	high	high	high	high	high	high
Cayaga	Road	low	medium	medium	medium	medium	medium
Dao	Road	high	high	high	high	high	high
Durian	Road	medium	medium	medium	medium	medium	medium
Iglugsad	Road	medium	medium	medium	medium	medium	medium
Kibongcog	Road	high	high	high	high	high	high
Little Baguio	Road	high	high	high	high	high	high
Matupe	Road	medium	high	high	high	high	high
Palapacan	Road	medium	medium	low	low	low	low

Source: MDRMO

## 1.3 HUMAN RESOURCES

### 1.3.1 HISTORICAL GROWTH OF POPULATION

The 1<sup>st</sup> censal year conducted for the municipality was in 1970 with only 6,698 head counts. Ten years later, the average annual growth rate was recorded with 5.97% or an increase of the population to 23,083. Table 1.15 displays the ascending number of the populace although the municipality experienced an irregular trend of the average annual growth rate from 3.38% in 1995, 1.51% in 2007 to 2.15% in 2015. This is due to several factors concerning economic conditions, cultural orientations and error in enumerations.

**Table 1.15**  
**Historical Growth of Population**  
**Municipality of San Fernando, Bukidnon**  
**1970-2015**

Year	Population	Growth Rate
1970	6,698	
1975	17,270	20.86%
1980	23,083	5.97%
1990	29,052	2.33%
1995	34,299	3.38%
2000	40,165	3.21%
2007	44,595	1.51%
2010	50,207	4.03%
2015	56,138	2.15%

*Source: Philippine Statistics Authority (PSA) (formerly National Statistics Office)*

### 1.3.2 POPULATION BY BARANGAY

The official count released by the Philippine Statistics Authority, PSA (formerly National Statistics Office, NSO) in 2015 for the 24 Barangays is 56,138 populace as shown in Table 1.15.

Halapitan, the urban barangay as well as the center of all activities and services got the highest percentage of the population with 18.21% or 10,221 head counts among the twenty four (24) barangays. The urban/urbanizing barangays of Kalagangan, Little Baguio and Namnam are the 2<sup>nd</sup> to 4<sup>th</sup> preferences of the populace for residency with 5,569, 4,862, and 3,807 headcounts respectively. The rural barangays of Bulalang, Cabuling and Cayaga are the least populated barangays counting to 669, 836, and 910 headcounts respectively.

### 1.3.3 POPULATION BY URBAN AND RURAL BARANGAY, HOUSEHOLD NUMBER AND AVERAGE HOUSEHOLD SIZE

In 2015, the level of urbanization or the percentage of population residing in urban area in San Fernando was recorded at 10.21%. This means that the total of 10,221 person resided in Barangay Halapitan is classified as urban. However, there are seven barangays namely: Candelaria, Kalagangan, Little Baguio, Mabuhal, Nacabuklad, Namanam and Sacramento Valley, considered in the urbanizing core due to some urban activities and characterizations that are expanded on these areas.

In Census 2015, as shown in Table 1.16, the Municipality had a total of 12,394 households with an average household size of 4.52. Consistent with the number of population, the urban/urbanizing barangays of Halapitan, Kalagangan, and Little Baguio also ranked as the top 3 highest barangays with the most number of households. The factors of the people's preferences to reside in these areas are a.) nearness to their working places, b.) easy access to services and facilities and c.) better opportunities. Barangay Halapitan had 2,257 households, Kalagangan had 1,230 while Little Baguio had 1,073 households. The least number of household was barangay Bulalang with only 148 or 1.19% of the total household number. This hinterland barangay has a narrow, earthy and high terrain road that can only be reached through motorcycle ride.

**Table 1.16**  
**Population by Barangay**  
**Municipality of San Fernando, Bukidnon**  
**Census 2015**

Barangay	Number of Population	Percent to Total (%)	Household Population	Household Number
<b>Urban</b>				
1. Halapitan	10,221	10.21	10,192	2,257
<b>Urbanizing</b>				
1.Candelaria	910	1.62	907	201
2.Kalagangan	5,569	9.92	5,553	1,230
3.Little Baguio	4,862	8.66	4,848	1,073
4.Mabuhay	3,083	5.49	3,074	681
5.Nacabuklad	1,250	2.23	1,247	276
6.Namnam	3,807	6.78	3,796	840
7.Sacramento Valley	1,870	3.33	1,865	413
Sub-total	21,351	38.03	21,290	4,714
<b>Rural</b>				
1. Bonacao	1,989	3.54	1,983	439
2. Bulalang	669	1.19	667	148
3. Cabuling	836	1.49	834	185
4. Cayaga	1,292	2.30	1,288	285
5. Dao	1,989	3.54	1,983	439
6. Durian	970	1.73	967	214
7. Iglugsad	1,622	2.89	1,617	358
8. Kawayan	1,778	3.17	1,773	393
9. Kibongcog	1,935	3.45	1,930	427
10. Magkalungay	2,533	4.51	2,526	559
11. Malayanan	1,246	2.22	1,243	275
12. Matupe	2,121	3.78	2,115	468
13. Palacpacan	1,412	2.52	1,408	312
14. San Jose	973	1.73	970	215
15. Sto. Domingo	1,529	2.72	1,525	338
16. Tugop	1,672	2.98	1,667	369
Sub-total	24,566	43.76	24,499	5,423
<b>Total</b>	<b>56,138</b>	<b>100</b>	<b>55,981</b>	<b>12,394</b>
<i>Average Household Size</i>				4.52
<i>Number of Population belong to Institutional Household</i>				157

Source: PSA, Population Census (POPCEN) 2015

It is noted also in Table 1.15 that 99.72% of population are considered in the household population while the rest percentage or 157 populace belong to institutional population which constituted that part of the total population who have their own families or households elsewhere and whose usual place of residence were collective or institutional living quarters such as boarding houses, hospitals, doctor and nurse's quarters, convents, military camps, and construction camps.

### 1.3.4 POPULATION DENSITY BY BARANGAY

The gross population density of the municipality as shown in Table 1.17 was about one person per hectare. Barangay Halapitan, the only urban area, has a population density of two persons per hectare or two times higher than the gross population density of the municipality.

**Table 1.17**  
**Population Density by Barangay**  
**Municipality of San Fernando, Bukidnon**  
**Census 2015**

Barangay	Area (in hectare)	Rank	Population	Rank	Population Density		Rank
<b>Urban</b>							
1. Halapitan	6,162.10	4	10,221	1	1.66	2 person per hectare	4
<b>Urbanizing</b>							
1.Candelaria	2,956.67	11	1,292	16	0.31	1 person per 2 hectares	18
2.Kalagangan	5,162.50	6	5,569	2	1.08	1 person per hectare	5
3.Little Baguio	2,847.50	12	4,862	3	1.71	2 person per hectare	3
4.Mabuhay	765.73	24	3,083	5	4.03	4 person per hectare	1
5.Nacabuklad	6,514.17	3	1,250	17	0.19	1 person per 5 hectares	21
6.Namnam	4,057.50	7	3,807	4	0.94	1 person per hectare	6
7.Sacramento Valley	2,321.67	17	1,870	10	0.81		8
Sub-total	24,625.74		21,733				
<b>Rural</b>							
1. Bonacao	1510.83	23	1,989	8	1.32	1 person per hectare	17
2. Bulalang	2125.00	18	669	23	0.31	1 person per 3 hectares	18
3. Cabuling	2769.17	14	836	22	0.30	1 person per 3 hectares	19
4. Cayaga	6899.17	2	1,292	16	0.19	1 person per 5 hectares	21
5. Dao	5612.50	5	1,989	8	0.35	1 person per 3 hectares	16
6. Durian	2458.33	16	970	20	0.39	1 person per 3 hectares	14
7. Iglugsad	3389.17	9	1,622	13	0.48	1 person per 2 hectares	12
8. Kawayan	4000.82	8	1,778	11	0.44	1 person per 2 hectares	13
9. Kibongcog	7049.17	1	1,935	9	0.27	1 person per 4 hectares	20
10. Magkalungay	1436.67	22	2,533	6	1.76	2 person per hectare	2
11. Malayanan	1625.83	21	1,246	18	0.77	1 person per hectare	9
12. Matupe	3131.67	10	2,121	7	0.68	1 person per hectare	10
13. Palacpacan	2792.50	13	1,412	15	0.51	1 person per 2 hectares	11
14. San Jose	2628.33	15	973	19	0.37	1 person per 3 hectares	15
15. Sto. Domingo	1873.33	20	1,529	14	0.82	1 person per hectare	7
16. Tugop	2071.67	19	1,672	12	0.81	1 person per hectare	8
Sub-total	51,374.16		24,566				
<b>Total</b>	<b>82,162</b>		<b>56,138</b>		<b>Municipal</b>	<b>1 person per hectare</b>	

Source: PSA, POPCEN 2015

Seven barangays belong to urbanizing core with a population density of one person per hectare. Population density outside the urban core is one person per two (2) hectares which is lower than the overall average.

Among the barangays, densest concentration of population is attributed to the lowest territorial area of the municipality, the Barangay Mabuhay at four persons per hectare. It is notable that lowest densities figured at 2<sup>nd</sup> and 3<sup>rd</sup> larger territorial areas in the municipality, Cayaga and Nacabuklad at one person per five hectares.

### 1.3.5 POPULATION BY AGE GROUP AND SEX

Dominantly populated by the young generation, age group 5-9 taken the lead with 13.62% as shown in Table 1.18. Following closely are age groups 10-14 and 1-4 with 12.21% and 11.53%, respectively. It is close to a perfect pyramid figure with a heavy bottom to a very lean top with the population gradually decreasing from ages 5-9 to 80 and above or from as high as 13.62% to 0.49% at the top. Male population in all ages had higher number than female noting an average percentage of 52.35% or a population of 29,391.



**Table 1.18**  
**Population by Age Group**  
**Municipality of San Fernando, Bukidnon**  
**Census 2015**

Age Group	Population Census 2015	Percent to Total (%)	Male	Female
Under 1	1,662	2.96	845	817
1-4	6,474	11.53	3,383	3,091
5-9	7,647	13.62	3,946	3,701
10-14	6,853	12.21	3,578	3,275
15-19	5,569	9.92	2,899	2,670
20-24	4,821	8.59	2,496	2,325
25-29	4,318	7.69	2,323	1,995
30-34	3,598	6.41	1,890	1,708
35-39	3,273	5.83	1,787	1,486
40-44	2,913	5.19	1,531	1,382
45-49	2,459	4.38	1,280	1,179
50-54	1,998	3.56	1,059	939
55-59	1,490	2.65	785	705
60-64	1,120	2.0	605	515
65-69	789	1.41	412	377
70-74	550	0.98	279	271
75-79	330	0.59	166	164
80 and over	274	0.49	127	147
<b>All Ages</b>	<b>56,138</b>	<b>100%</b>	<b>29,391</b>	<b>26,747</b>
<b>Percentage to Total</b>			<b>52.35%</b>	<b>47.65%</b>
0-4 years	8,136	14.49	4,228	3,908
5 years and over	48,002	85.51	25,163	22,839
<b>Young Dependents (0-14 years)</b>	<b>22,636</b>	<b>40.32</b>	<b>11,752</b>	<b>10,884</b>
<b>Labor force (15 years old and over)</b>	<b>33,502</b>	<b>59.68</b>	<b>17,639</b>	<b>15,863</b>
<b>Working age (15-64 years)</b>	<b>31,559</b>	<b>56.22</b>	<b>16,655</b>	<b>14,904</b>
<b>School age (5-24 years)</b>	<b>24,890</b>	<b>44.34</b>	<b>12,919</b>	<b>11,971</b>
18 years and over	30,034	53.50	15,823	14,211
60 years and over	3,063	5.46	1,589	1,474
<b>Old Dependents (65 years and over)</b>	<b>1,943</b>	<b>3.46</b>	<b>984</b>	<b>959</b>
<b>Total Dependent-Age</b>	<b>24,579</b>	<b>43.78</b>	<b>12,736</b>	<b>11,843</b>
<b>Age Dependency Ratio</b>				<b>77.88%</b>

Source: PSA, POPCEN 2015

### 1.3.6 POPULATION COMPOSITION BY WORKING-AGE AND DEPENDENT- AGE

The population below 15 years old is considered young dependents while population 65 years old and over is the old dependents. Table 1.17 shows that there are 22,636 young dependents while their old counterparts are only 1,943 dependents reflected to the total of 24,579 dependents or 43.78% of the total number of all ages. Ages 15 years old and over are considered in the labor force population having a counterpart of 33,502 or 59.68% of the total population in 2015. Of this number, 31,559 of the population is considered in the working-age (15-64 years old).

The municipality's picture of the age dependency ratio which is the result of the total number of dependents over the total number of population in the working-age is 77.88% or 77 dependents for every 100 working-age.

### 1.3.7 POPULATION BY HIGHEST GRADE COMPLETED

There is a total of 48,002 population belongs to the age group of 5 years and over considered to be identified with highest grade completed during the Population Census 2015

wherein males dominated the number with average percentage of 52.42%. Out of this total, there are 6,784 or 14.13% identified with no grade completed as presented in Table 1.19.

**Table 1.19**  
**Population by Highest Grade Completed**  
**San Fernando, Bukidnon**  
**Census 2015**

Highest Grade/Year Completed	Male	Female	Both Sexes	Percent to Total (%)
No grade completed	3,462	3,322	6,784	14.13
Preschool	927	850	1,777	3.70
Special education	-	-	-	
Elementary	13,929	10,981	24,910	51.89
1 <sup>st</sup> to 4 <sup>th</sup> grade	8,846	6,650	15,496	32.28
5 <sup>th</sup> to 6 <sup>th</sup> grade	2,267	1,790	4,057	8.45
Graduate	2,816	2,541	5,357	11.16
High School	5,572	5,834	11,406	23.76
Undergraduate	3,012	3,166	6,178	12.87
Graduate	2,560	2,668	5,228	1.89
Postsecondary	66	176	242	0.50
Undergraduate	7	5	12	0.02
Graduate	59	171	230	0.48
College undergraduate	722	882	1,604	3.34
Baccalaureate/ college graduate	468	765	1,233	2.57
Post baccalaureate	11	17	28	0.06
Not stated	6	12	18	0.04
<b>TOTAL</b>	<b>25,163</b>	<b>22,839</b>	<b>48,002</b>	<b>100</b>
<b>Percentage to Total</b>	<b>52.42%</b>	<b>47.58%</b>		

Source: PSA, POPCEN 2015

However, dominant population had taken elementary level comprising a number of 24,910 or 51.89% wherein 11.16% are graduates of this level. The common factor that affects the situation is the unavailability of higher level of education. Only six barangays offer high school level namely: Halapitan, Little Baguio, Kalagangan, Namnam, Sto. Domingo and Durian.

There are only 1,233 college graduates or 2.57% of the total age group whose majority of the courses completed is elementary education for the reason that the only tertiary school operated in Barangay Halapitan offered only few courses like education, criminology and secretarial administration up to second year level only and have the option to continue completing the course at the main college campus located at Valencia City.

For the desire of gaining higher standard of education, mostly high school graduates taken college courses at nearby tertiary schools from neighbouring cities and municipalities like Valencia, Malaybalay and Maramag, Bukidnon

### 1.3.8 LITERACY OF POPULATION

The latest PSA data on literacy of the household population, 10 years old and over, was in year 2015. As reflected on Table 1.20, illiterate population is 6,374 or 15.86% of the specified ages mentioned below. The remaining 84.14% are considered literate.

From the records, both male and female took advantage of the equal opportunities for basic education as justified by the recorded 52.53% literate males and 47.47% literate females.

**Table 1.20**  
**Literacy of the Household Population 10 years old and over by Age Group and Sex**  
**Municipality of San Fernando, Bukidnon**  
**Census 2015**

Age Group	Total Population			Literate			Illiterate		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
10-14	6,846	3,575	3,271	6,195	3,191	3,004	651	384	267
15-19	5,541	2,883	2,658	4,992	2,571	2,421	549	312	237
20-24	4,779	2,463	2,316	4,191	2,126	2,065	588	337	251
25-29	4,301	2,308	1,993	3,735	2,000	1,735	566	308	258
30-34	3,586	1,878	1,708	2,984	1,579	1,405	602	299	303
35-39	3,258	1,772	1,486	2,599	1,450	1,149	659	322	337
40-44	2,905	1,526	1,379	2,251	1,199	1,052	654	327	327
45-49	2,452	1,273	1,179	1,948	1,035	913	504	238	266
50-54	1,986	1,049	937	1,543	833	710	443	216	227
55-59	1,484	782	702	1,142	593	549	342	189	153
60-64	1,119	605	514	889	499	390	230	106	124
65 yr old & over	1,941	984	957	1,355	693	662	586	291	295
<b>Total</b>	<b>40,198</b>	<b>21,098</b>	<b>19,100</b>	<b>33,824</b>	<b>17,769</b>	<b>16,055</b>	<b>6,374</b>	<b>3,329</b>	<b>3,045</b>
<b>Percent to Total</b>	<b>100%</b>	<b>52.49%</b>	<b>47.51%</b>	<b>84.14%</b>	<b>52.53%</b>	<b>47.47%</b>	<b>15.86%</b>	<b>52.28</b>	<b>47.72%</b>

Source: PSA, POPCEN 2015

### 1.3.9 LABOR FORCE POPULATION BY EMPLOYMENT STATUS AND SEX

As reflected in Table 1.21, there are 23,277 or 69.48% of the total age group identified as employed individuals wherein male population doubled the female counts. Most of these employed individuals are working as laborers in the agricultural and construction industry wherein preferred workers are males. Out of the total unemployed population, female individuals dominated the average percentage whose status are mostly plain housewives.

**Table 1.21**  
**Labor Force Population by Employment Status and Sex**  
**San Fernando, Bukidnon**  
**Census 2015**

Ages in the Labor Force	Population Census 2015	Male	Female	Employment Status					
				Employed			Unemployed		
				Male	Female	Total	Male	Female	Total
15-19	5,569	2,899	2,670	1,534	830	2,364	1,365	1,840	3,205
20-24	4,821	2,496	2,325	2,205	997	3,202	291	1,328	1,619
25-29	4,318	2,323	1,995	2,239	973	3,212	84	1,022	1,106
30-34	3,598	1,890	1,708	1,848	925	2,773	42	783	825
35-39	3,273	1,787	1,486	1,761	829	2,590	26	657	683
40-44	2,913	1,531	1,382	1,512	856	2,368	19	526	545
45-49	2,459	1,280	1,179	1,255	769	2,024	25	410	435
50-54	1,998	1,059	939	1,028	577	1,605	31	362	393
55-59	1,490	785	705	753	432	1,185	32	273	305
60-64	1,120	605	515	564	292	856	41	223	264
65 and over	1,943	984	959	721	377	1,098	263	582	845
<b>Total</b>	<b>33,502</b>	<b>17,639</b>	<b>15,863</b>	<b>15,420</b>	<b>7,857</b>	<b>23,277</b>	<b>2,219</b>	<b>8,006</b>	<b>10,225</b>
				47.35%	23.45%	69.48%	6.62%	23.90%	30.52%

Source: PSA, POPCEN 2015

### 1.3.10 POPULATION BY MOTHER TOUNGE BY SEX

There is no latest data gathered regarding population by mother tongue by sex so the reference is considered in the data gathered in census year 2000. There are 18,434 or 45.90% of the 40,165 population in 2000 that spoke Cebuano in the entire locality. In-migration and intermarriages are clear indication of the presence of some dialects spoken like the Hiligaynon-Ilongo, the Matigsalog, the Manobo, Boholano and some dialects from other provinces countryside as reflected in Table 1.22. Sex composition is 106 males for every 100 females or a little over males in a ratio of 1 male for every 1 female.

**Table 1.22**  
**Population by Mother Tongue by Sex**  
**Municipality of San Fernando, Bukidnon**  
**Census 2000**

Mother Tongue	Number of Population			
	Both Sexes	Percent to Total	Male	Female
Cebuano	18,434	45.90%	9,522	8,912
Hiligaynon-Illongo	5,518	13.74%	2,901	2,617
Matigsalog	4,387	10.92%	2,194	2,193
Manobo	3,493	8.70%	1,766	1,727
Boholano	2,546	6.34%	1,337	1,209
Tigwahanon	2,038	5.07%	1,016	1,022
Bisaya	1,598	3.98%	821	777
Karay-a	753	1.87%	404	349
Bukidnon	259	0.64%	129	130
Waray	110	0.27%	61	49
Ilocano	104	0.25%	53	51
Others	925	2.30%	495	430
<b>Total</b>	<b>40,165</b>	<b>100%</b>	<b>20,699</b>	<b>19,466</b>

Source: PSA, POPCEN 2000

### 1.3.11 HOUSEHOLD POPULATION BY RELIGIOUS AFFILIATION

The same also with the population by religious affiliation, the data was gathered from the census year 2000. The Roman Catholic dominated with 51.51% of the household population practising the said religion. Following at par are the Seventh Day Adventist with 13.09% and the Evangelicals with 6.33%. Other religious affiliation of the remaining 29.07 percent household population is shown on Table 1.23.

**Table 1.23**  
**Household Population by Religious Affiliation**  
**Municipality of San Fernando, Bukidnon**  
**Census 2000**

Religious Affiliation and Municipality	Both Sexes	Percent to Total	Male	Female
Roman Catholic	20,687	51.51%	10,760	9,927
Aglipayan	368	0.92%	186	182
Islam	50	0.12%	27	23
Iglesia ni Cristo	207	0.52%	110	97
United Church of Christ in the Philippines	985	2.45%	521	464
Lutheran Church in the Philippines	2	0.005%	2	-
Philippine Episcopal Church	32	0.08%	17	15
Iglesia Evangelista Metodista en Las Filipinas	51	0.13%	26	25
United Methodist Church	9	0.02%	6	3
Other Methodist	33	0.08%	18	15
Salvation Army, Philippines	1	0.002%	-	1
Convention of the Philippine Baptist Church	1,029	2.56%	545	484
Other Protestant	342	0.85%	171	171
Buddhist	3	0.007%	1	2
Church of Jesus Christ of the Latter Day Saints	86	0.21%	40	46
Jehovah's Witness	196	0.49%	96	100
Philippine Benevolent Missionaries Association	58	0.14%	31	27
Seventh Day Adventist	5,256	13.09%	2,681	2,575
Evangelist	2,541	6.33%	1,305	1,236
Bible Baptist	416	1.04%	212	204
Southern Baptist	464	1.16%	241	223
Association of Baptist Churches in Luzon, Visayas and Mindanao	3	0.007%	1	2
Association of Fundamental Baptist Church in the Philippines	470	1.17%	240	230
International Baptist Missionary Fellowship	-	-	-	-
Missionary Baptist Churches of the Philippines	5	0.01%	4	1
Other Baptist	1,107	2.76%	540	567
Tribal Religious	803	2.0%	390	413
Others	4,382	10.91%	2,216	2,166
None	266	0.66%	142	124
Unknown	313	0.78%	170	143
<b>TOTAL</b>	<b>40,165</b>	<b>100%</b>	<b>20,699</b>	<b>19,466</b>

Source: PSA, POPCEN 2000

### 1.3.12 DEMOGRAPHIC PROJECTIONS

The 10-year planning period is 2019-2028. All projections for demography and sectoral requirements have to be consistent with the planning years. For demography, the projected population at the end of the 5<sup>th</sup> year (2023), otherwise known as the medium term planning period will be 66,552 as shown in Table 1.24. In 2028, the 10<sup>th</sup> year of the planning period, the projected population will reach to 74,021. Based on the average 2.15% annual growth rate from 2010-2015, the estimated population of the municipality will double in 32 years reaching a projected population of 112,276.

Population by age group will maintain the trend, having age group 5-9 with the highest count. This will still be followed by age groups 10-14 and 1-4 respectively. The head counts gradually diminish towards old age as reflected in Tables 1.24 and 1.26.

The urban/urbanizing barangays as the center of planned developments, the seat of government, the venue for commercial and institutional activities will remain the people's choice for residency. The number of households and household population will be increased in these areas as shown in Tables 1.27 and 1.28.

**Table 1.24**  
**Projected Population by Barangay**  
**Municipality of San Fernando, Bukidnon**  
**2019-2028**

Barangay	Census 2015	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
1. Bonacao	1,989	2,166	2,212	2,260	2,308	2,358	2,409	2,460	2,513	2,567	2,623
2. Bulalang	669	728	744	760	776	793	810	828	845	864	882
3. Cabuling	836	910	930	950	970	991	1,012	1,034	1,056	1,079	1,102
4. Cayaga	910	991	1,012	1,034	1,056	1,079	1,102	1,126	1,150	1,175	1,200
5. Candelaria	1,292	1,407	1,437	1,468	1,499	1,532	1,565	1,598	1,633	1,668	1,704
6. Dao	1,989	2,166	2,212	2,260	2,308	2,358	2,409	2,460	2,513	2,567	2,623
7. Durian	970	1,056	1,079	1,102	1,126	1,150	1,175	1,200	1,226	1,252	1,279
8. Halapitan	10,221	11,129	11,368	11,612	11,862	12,117	12,378	12,644	12,916	13,193	13,477
9. Iglugsad	1,622	1,766	1,804	1,843	1,882	1,923	1,964	2,006	2,050	2,094	2,139
10. Kalagangan	5,569	6,064	6,194	6,327	6,463	6,602	6,744	6,889	7,037	7,188	7,343
11. Kawayan	1,778	1,936	1,978	2,020	2,063	2,108	2,153	2,199	2,247	2,295	2,344
12. Kibongcog	1,935	2,107	2,152	2,198	2,246	2,294	2,343	2,394	2,445	2,498	2,551
13. Little Baguio	4,862	5,294	5,408	5,524	5,643	5,764	5,888	6,014	6,144	6,276	6,411
14. Mabuhay	3,083	3,357	3,429	3,503	3,578	3,655	3,734	3,814	3,896	3,980	4,065
15. Magkalungay	2,533	2,758	2,817	2,878	2,940	3,003	3,067	3,133	3,201	3,270	3,340
16. Malayanan	1,246	1,357	1,386	1,416	1,446	1,477	1,509	1,541	1,574	1,608	1,643
17. Matupe	2,121	2,309	2,359	2,410	2,462	2,514	2,569	2,624	2,680	2,738	2,797
18. Nacabuklad	1,250	1,361	1,390	1,420	1,451	1,482	1,514	1,546	1,580	1,614	1,648
19. Namnam	3,807	4,145	4,234	4,325	4,418	4,513	4,610	4,709	4,811	4,914	5,020
20. Palacpacan	1,412	1,537	1,570	1,604	1,639	1,674	1,710	1,747	1,784	1,823	1,862
21. Sacramento Valley	1,870	2,036	2,080	2,125	2,170	2,217	2,265	2,313	2,363	2,414	2,466
22. San Jose	973	1,059	1,082	1,105	1,129	1,154	1,178	1,204	1,230	1,256	1,283
23. Sto. Domingo	1,529	1,665	1,701	1,737	1,775	1,813	1,852	1,891	1,932	1,974	2,016
24. Tugop	1,672	1,820	1,960	1,900	1,940	1,982	2,025	2,068	2,113	2,158	2,205
<b>Total</b>	<b>56,138</b>	<b>61,124</b>	<b>62,438</b>	<b>63,780</b>	<b>65,152</b>	<b>66,552</b>	<b>67,983</b>	<b>69,445</b>	<b>70,938</b>	<b>72,463</b>	<b>74,021</b>

*Source: Municipal Planning and Development Office (MPDO)*

**Table 1.25**  
**Projected Population by Age Group**  
**Municipality of San Fernando, Bukidnon**  
**2019-2028**

Age Group	Census 2015	Percent to Total (%)	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Under 1	1,662	2.96	1,772	1,810	1,849	1,888	1,929	1,970	2,013	2,056	2,100	2,145	2,191
1-4	6,474	11.53	6,901	7,049	7,201	7,355	7,514	7,675	7,840	8,009	8,181	8,357	8,536
5-9	7,647	13.62	8,151	8,326	8,505	8,688	8,875	9,066	9,261	9,460	9,663	9,871	10,083
10-14	6,853	12.21	7,305	7,462	7,622	7,786	7,953	8,124	8,299	8,477	8,660	8,846	9,036
15-19	5,569	9.92	5,936	6,064	6,194	6,327	6,463	6,602	6,744	6,889	7,037	7,188	7,343
20-24	4,821	8.59	5,139	5,249	5,362	5,477	5,595	5,715	5,838	5,964	6,092	6,223	6,357
25-29	4,318	7.69	4,603	4,702	4,803	4,906	5,011	5,119	5,229	5,342	5,456	5,574	5,694
30-34	3,598	6.41	3,835	3,918	4,002	4,088	4,176	4,265	4,357	4,451	4,547	4,644	4,744
35-39	3,273	5.83	3,489	3,564	3,640	3,719	3,799	3,880	3,964	4,049	4,136	4,225	4,316
40-44	2,913	5.19	3,105	3,172	3,240	3,310	3,381	3,453	3,528	3,604	3,681	3,760	3,841
45-49	2,459	4.38	2,611	2,677	2,735	2,794	2,854	2,915	2,978	3,042	3,107	3,174	3,242
50-54	1,998	3.56	2,130	2,175	2,222	2,270	2,319	2,369	2,420	2,472	2,525	2,579	2,634
55-59	1,490	2.65	1,588	1,622	1,657	1,693	1,729	1,766	1,804	1,843	1,883	1,923	1,965
60-64	1,120	2.0	1,194	1,219	1,246	1,272	1,300	1,328	1,356	1,385	1,415	1,446	1,477
65-69	789	1.41	841	859	878	896	916	935	955	976	997	1,018	1,040
70-74	550	0.98	586	599	612	625	638	652	666	680	695	710	725
75-79	330	0.59	352	359	367	375	383	391	400	408	417	426	435
80 and over	274	0.49	292	298	305	311	318	325	332	339	346	354	361
<b>All Ages</b>	<b>56,138</b>	<b>100%</b>	<b>59,837</b>	<b>61,124</b>	<b>62,438</b>	<b>63,780</b>	<b>65,152</b>	<b>66,552</b>	<b>67,983</b>	<b>69,445</b>	<b>70,938</b>	<b>72,463</b>	<b>74,021</b>
0-4 years	8,136	14.49	8,672	8,859	9,049	9,244	9,442	9,645	9,853	10,065	10,281	10,502	10,728
5 years and over	48,002	85.51	51,165	52,265	53,389	54,536	55,710	56,907	58,130	59,380	60,657	61,961	63,293
18 years and over	30,034	53.50	32,013	32,702	33,405	34,122	34,857	35,606	36,371	37,153	37,952	38,768	39,601
60 years and over	3,063	5.46	3,265	3,335	3,407	3,480	3,555	3,631	3,709	3,789	3,871	3,954	4,039

Source: MPDO

**Table 1.26**  
**Projected School-age Population, Labor Force and Dependent Population**  
**San Fernando, Bukidnon**  
**2019-2028**

<b>AGE GROUP</b>	<b>Census 2015</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>
<b>All Ages</b>	<b>56,138</b>	<b>59,837</b>	<b>61,124</b>	<b>62,438</b>	<b>63,780</b>	<b>65,152</b>	<b>66,552</b>	<b>67,983</b>	<b>69,445</b>	<b>70,938</b>	<b>72,463</b>	<b>74,021</b>
<b>Young Dependents (0-14 years)</b>	<b>22,636</b>	24,128	24,646	25,176	25,717	26,271	26,835	27,412	28,002	28,604	29,219	29,847
<b>Working-age (15-64 years)</b>	<b>31,559</b>	33,638	34,362	35,101	35,855	36,626	37,413	38,218	39,040	39,879	40,736	41,612
<b>Labor force (15 years old over)</b>	<b>33,502</b>	35,709	36,478	37,262	38,063	38,881	39,717	40,571	41,443	42,334	43,244	44,174
<b>School age (5-24 years)</b>	<b>24,890</b>	26,530	27,101	27,683	28,278	28,887	29,507	30,142	30,790	31,452	32,128	32,819
<b>Old Dependents (65 years and over)</b>	<b>1,943</b>	2,071	2,116	2,161	2,207	2,255	2,303	2,353	2,404	2,455	2,508	2,562
<b>Dependent-Age</b>	<b>24,579</b>	26,199	26,762	27,337	27,925	28,526	29,139	29,765	30,405	31,059	31,727	32,409

**Table 1.27**  
**Projected Household Population**  
**San Fernando, Bukidnon**  
**2019-2028**

<b>Year</b>	<b>Number of Household Population</b>
Census 2015	55,981
Current 2018	59,670
<b>Projected</b>	
2019	60,953
2020	62,263
2021	63,602
2022	64,969
2023	66,366
2024	67,793
2025	69,251
2026	70,740
2027	72,261
2028	73,814

Source: MPDO



**Table 1.28**  
**Projected Number of Household by Barangay**  
**Municipality of San Fernando, Bukidnon**  
**2019-2028**

Barangay	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
<b>Urban</b>											
1. Halapitan	2,405	2,457	2,510	2,564	2,619	2,675	2,733	2,791	2,851	2,913	2,975
<b>Urbanizing</b>											
1. Candelaria	214	219	223	228	233	238	243	249	254	259	265
2. Kalagangan	1,311	1,339	1,367	1,397	1,427	1,458	1,489	1,521	1,554	1,587	1,621
3. Little Baguio	1,144	1,169	1,194	1,220	1,246	1,273	1,300	1,328	1,356	1,386	1,415
4. Mabuhay	726	741	757	773	790	807	824	842	860	879	897
5. Nacabuklad	294	300	307	314	320	327	334	341	349	356	364
6. Namnam	896	915	935	955	975	996	1,018	1,040	1,062	1,085	1,108
7. Sacramento Valley	440	450	459	469	479	489	500	511	522	533	544
<b>Rural</b>											
1. Bonacao	468	478	488	499	510	521	532	543	555	567	579
2. Bulalang	157	161	164	168	171	175	179	183	187	191	195
3. Cabuling	197	201	205	210	214	219	224	228	233	238	243
4. Cayaga	304	311	317	324	331	338	345	353	360	368	376
5. Dao	468	478	488	499	510	521	532	543	555	567	579
6. Durian	228	233	238	243	249	254	259	265	271	276	282
7. Iglugsad	382	390	398	407	416	425	434	443	453	462	472
8. Kawayan	418	427	437	446	456	465	475	486	496	507	518
9. Kibongcog	455	465	475	485	496	506	517	528	540	551	563
10. Magkalungay	596	609	622	635	649	663	677	692	707	722	737
11. Malayanan	293	300	306	313	319	326	333	340	348	355	363
12. Matupe	499	510	521	532	543	555	567	579	592	604	617
13. Palacpacan	332	339	347	354	362	370	378	386	394	402	411
14. San Jose	229	234	239	244	249	255	260	266	271	277	283
15. Sto. Domingo	360	368	375	384	392	400	409	418	427	436	445
16. Tugop	393	402	411	419	428	438	447	457	466	476	487
<b>Total Number of Household</b>	<b>13,211</b>	<b>13,495</b>	<b>13,785</b>	<b>14,081</b>	<b>14,384</b>	<b>14,693</b>	<b>15,009</b>	<b>15,332</b>	<b>15,662</b>	<b>15,998</b>	<b>16,342</b>
<b>Total Population</b>		<b>61,124</b>	<b>62,438</b>	<b>63,780</b>	<b>65,152</b>	<b>66,552</b>	<b>67,983</b>	<b>69,445</b>	<b>70,938</b>	<b>72,463</b>	<b>74,021</b>

Source: MPDO

## 1.4 ECONOMIC STRUCTURE

Agriculture is the primary economic driver of the municipality of San Fernando which comprises 12,702.77 hectares or 15.46% of the total land area of the municipality evenly distributed throughout the 24 barangays. The major economic activity is crop production. Out of the total agricultural economic area, corn has the largest cover which represents 5,988.53 hectares.

The second largest cover of 2,591.21 hectares is devoted to rice production. The remaining 4,123.03 hectares of agricultural land is potential for other agricultural production or usage. Such products include pineapple, coconut, rubber, palm oil, banana, sugarcane and cassava. This economic activity is considered family's business wherein the head of the family is the farm owner while other members are farm workers. In some cases, non-farm owners are hired as paid laborer for farm operations receiving daily wage. Livestock and poultry productions and vegetable gardening are some of the livelihoods of the people of San Fernando, and these are considered backyard activities and find it as a source of income by selling the harvests. Fishing activity in the municipality's rivers and lakes is minimal and basically for home consumption only but with the help of the government programs with regard to livelihood trainings, seminars and livestock assistance like tilapia fingerlings to fisher folks including fishpond owners, fishing becomes a source of family's income. Other inland activities which contribute to the economic growth of the municipality is quarrying wherein services are expanded to other neighboring municipalities.

Since rice and corn are the two major crop productions of the municipality, rice and corn milling is identified as the major economic activity of agri-industry. Traditional industry, on the other hand, like wood and bamboo furniture shops although in limited demand but could still contribute to the economic growth due to its affordability and cultural feature preservation. At present, the government provide full support to the One Town One Product (OTOP) of San Fernando which is handicrafts and now focus on bamboo. Construction industry is common to hollow block making mostly located at the poblacion wherein related activities are in demand.

Commercial activities like wholesale and retail are largely concentrated at the town center poblacion wherein commercial establishments are mostly located. At present, there are more than 600 existing commercial establishments in San Fernando based on the data gathered from Business Permit and Licensing Office. These are able to employ hundreds of people in the municipality. Establishments include bank, pawnshop and money remittance centers, gasoline refilling stations, water refilling stations, commercial buildings, business enterprises, hardware, lodging houses, agrivet, restaurants, fast food centers, grocery stores and others.

Negosyo Center in San Fernando is handled by the Economic Enterprise Officer who is also incharge of the government income sources like tourism, water system, municipal gymnasium, public market, slaughter house, public terminals and public toilets. Public cemetery is handled by Municipal Environment and natural Resource Officer (MENRO) which part of the government businesses. Equipment and transportation facilities as part of the operation and services are part also of the income sources supervised by General Services Officer (GSO).

### 1.4.1 REVENUE SOURCES

The Local Government Unit (LGU) of San Fernando derived its revenues from local and external sources. Local sources include tax revenues from the real property tax, local tax, and non-tax revenues credited from government business, operating and services income and other domestic income. External sources, on the other hand, include the Internal Revenue Allotment (IRA) and other shares from National Tax Collection.

San Fernando is a 1<sup>st</sup> class municipality in the province of Bukidnon which constitutes a latest IRA of 94.52% of the total income revenue amounting to approximately 218 million pesos in year 2018. Based on the Table 1.29, largest income from local sources obtained from government business earnings under non-tax revenue with a share of 1.97% of the total income. The municipality also gained 0.16% of the total income from National Tax Collection Share.

**Table 1.29**  
**Revenue Sources**  
**Municipality of San Fernando, Bukidnon**  
**2018**

Income Source	Amount	Percentage to Total (%)
A. Tax Revenue		
a) Real Property Taxes	1,439,617.84	0.63
b) Local Taxes	3,597,759.57	1.56
B. Non-tax Revenue		
a) Earning and other credits		
- Government Business	4,536,946.59	1.97
- Operating and Services Income	1,791,747.07	0.78
b) Other Income		
- Domestic	884,482.02	0.38
- Foreign	n/a	
C. Aids and Allotments		
a) BIR Allotment (IRA)	217,649,673.96	94.52
b) National Aids	n/a	
D. Others		
a) Share from National Tax Collection - PCSO	364,072.82	0.16
E. Other Revenues (General Fund)		
a) Special Fund	n/a	
<b>TOTAL REVENUES</b>	<b>230,264,949.78</b>	<b>100%</b>

Source: Municipal Treasurer's Office

## 1.4.2 EMPLOYMENT

Employment is one of the sources of income of families in the municipality of San Fernando. In 2015, there were 23,277 employed individuals from different industries wherein males dominated the population with a participation rate of 66.25%.

As shown in Table 1.30, gainful workers of elementary occupations had the most participated population of 9,415 or 40.45% of the total number. These occupations include simple and routine tasks which mainly require the use of handheld tools and often some physical effort like selling goods in streets and public places, cleaning, washing, sweeping, etc. The second highest participated major occupations were skilled agricultural, forestry and fishery workers. The least number of employed in type of occupation were in the armed forces with only 74 or 0.32% participation rate, wherein 69 were males and 5 were females.

**Table 1.30**  
**Major Occupation Group by Sex (15 Years Old Over)**  
**San Fernando, Bukidnon**  
**Census 2015**

Major Occupation	Male	Female	Both Sexes	Participation Rate (%)
Managers	274	865	1,139	4.89
Professionals	127	386	513	2.20
Technicians and associated Professionals	109	145	254	1.09
Clerical support workers	84	98	182	0.78
Service and sales workers	469	755	1,224	5.26
Skilled agricultural, forestry, and fishery workers	8,458	736	9,194	39.50
Craft and related trades workers	442	46	488	2.10
Plan and machine operators and assemblers	764	15	779	3.35
Elementary occupations	4,617	4,798	9,415	40.45
Armed forces occupations	69	5	74	0.32
Other occupation, not elsewhere classified	-	-	-	-
Not reported	7	8	15	0.06
<b>Total</b>	<b>15,420</b>	<b>7,857</b>	<b>23,277</b>	<b>100</b>
<b>Participation Rate</b>	<b>66.25%</b>			

Source: Philippine Statistics Authority, POPCEN2 015

### 1.4.3 AVERAGE FAMILY INCOME AND EXPENDITURE IN RELATION TO POVERTY LEVEL

In Census 2015, based on the national data, a family of five needed at least Php 6,329 in pesos, on average, every month to meet the family's basic food needs and at least Php 9,064 in pesos, on average, every month to meet both basic food and non-food needs. These amounts represent the monthly food threshold and monthly poverty threshold, respectively.

As reflected in Table 1.31, poverty incidence in three censal years is highest in year 2012 at 63.20%. In year 2015, estimate decreased to 59% classified in Level 3 wherein poverty incidence ranges from 41% to 60%. This is the proportion of poor families whose per capita income is not sufficient to meet their basic food and non-food needs. The poverty incidence represents that out of the total number of families of 12,394 in San Fernando, there were 7,312 families whose income is below the poverty line. The table indicates that the living status of more than half of the population in the municipality have not improved through time.

**Table 1.31**  
**Poverty Statistics of San Fernando in Three Censal years**  
**San Fernando, Bukidnon**  
**Census 2015**

Poverty	2009	2012	2015
Poverty Incidence	52.1%	63.20%	59.0%
Coefficient Variation	9.80%	7.10%	1.30%
90% Confidence Interval	-	-	-
Lower Limit	43.70%	55.80%	49.0%
Upper Limit	60.40%	70.50%	69.0%
Level	Level 3 (41 to 60%)	Level 4 (61 to 80%)	Level 3 (41-60%)

Source: PSA, Census 2015

Poverty	2009	2012	2015
Poverty Incidence	52.1%	63.20%	59.0%
Coefficient Variation	9.80%	7.10%	1.30%
90% Confidence Interval	-	-	-
Lower Limit	43.70%	55.80%	49.0%
Upper Limit	60.40%	70.50%	69.0%
Level	Level 3 (41 to 60%)	Level 4 (61 to 80%)	Level 3 (41-60%)

## 1.5 EXISTING LAND USE AND WATER USE TRENDS

### 1.5.1 EXISTING GENERAL LAND USES

The total area of the municipality of San Fernando is 82,162 hectares which is roughly 7.83% of Bukidnon's land area. Specific land use category of the General Land Use Plan of the municipality is composed of settlement, agri-industrial/industrial, agricultural, forest, and special uses.

#### **FOREST**

##### **Forestal land**

Forest land use accumulated the existing largest area of 72,664.03 hectares or 88.44% of the total land area of the municipality. Part of the production forest is the area in Integrated Social Forestry (ISF) and Community Based Forest Management Program. ISF aims to initiate upland development, maximize land productivity, enhance ecological stability, and enhance ecological conditions of forest occupants and communities while CBFM aim to encourage reforestation and sustainable management of forest. Under a CBFM agreement, a community is entitled to develop and use a forest area and its resources for 25 years.

#### **SETTLEMENT**

##### **Residential**

As tabulated in Table 1.32, and quantified from Map 15 (Existing General Land Use Map), the existing total residential area of San Fernando is approximately 207.82 hectares or 0.25% of the total land area of the municipality. This area is utilized for residential purposes including the accumulation of socialized housing subdivisions. It is concentrated mostly in urban and urbanizing barangays and at the barangay poblacion of rural areas wherein common service facilities are present such as potable water, electricity, garbage collector, schools and others.

##### **Commercial**

Locations of sectoral utilizations in 24 barangays are presented in Map 16 (Sectoral Map). In the settlement land use, commercial area had the smallest aggregation of only 20.21 hectares or 0.02% of the total municipal area. It is being occupied by Halapitan public market, restaurants, bakeshops, gasoline stations, merchandises and enterprises wholesale and retail stores and all commercial establishments located along the national, provincial and municipal roads.

##### **Institutional**

The institutional area occupies 105.73 hectares representing 0.13% of the total land area. This area caters government and private institutions of both urban and rural areas like the municipal building, barangay halls, chapels and churches, health centers and stations, police and fire stations, day care centers, public and private schools and the like.

##### **Parks and Open Space**

The municipality has 24.87 hectares or 0.03% of the total land area that utilized as parks, playground and open spaces. Considered under this category are parking spaces, plaza, playgrounds and recreational facilities such as basketball courts, gymnasium, tennis court and the like.

## **Infrastructure and Utilities**

Considered in the utilization of this area are roads constructed along the national, municipal and barangay lifeline including bridges, power lines and cell sites. This area occupies a total of 331.64 hectares or 0.40% of the total municipal area.

## **AGRICULTURAL Agricultural Area**

An area of 8,754.14 or 10.65% of the total land area is used for agricultural purposes which devoted to irrigated and rainfed rice, corn, abaca, banana, vegetables, root crops, sugarcane and others. Also included in this category are open grasslands, grazing/pasture lands and wood lands which are mostly found in the rural barangays.

## **AGRI-INDUSTRIAL/INDUSTRIAL Agri-industrial/Industrial**

The industrial area of the municipality has a counterpart of approximately nine hectares or 0.01% only of the total land area. This consists of land utilized for rice and corn mills located at different barangays, power plant in Barangay Mabuhay, banana chips production in barangay Bonacao, bamboo and wood furniture shop in barangay Little Baguio, bamboo crafts in Poblacion Halapitan and other agri-industrial related activities.

## **SPECIAL USES Tourism**

The total area of the identified tourism sites in San Fernando is 28.82 hectares or around 0.04% of the total land area of the municipality. One of the most attracted sites is the manmade eco-tourism park and adventure in Poblacion Halapitan.

## **Cemetery**

The Cemetery occupies 11.73 hectares consist of old and new cemetery in Poblacion Halapitan, and burial grounds in barangays Little Baguio, Kalagangan, Namnam, Bonacao, Iglugsad, Kawayan, Malayanan, and Tugop. The new memorial apartment type public cemetery is strategically located at Sitio Malantao of Halapitan. This cemetery is very convenient and accessible by any vehicles.

## **Cockpit**

The Cockpit Arena with an area of one hectare was established in Sitio Palao of barangay Halapitan as one of the sources of recreational activity of the people of San Fernando.

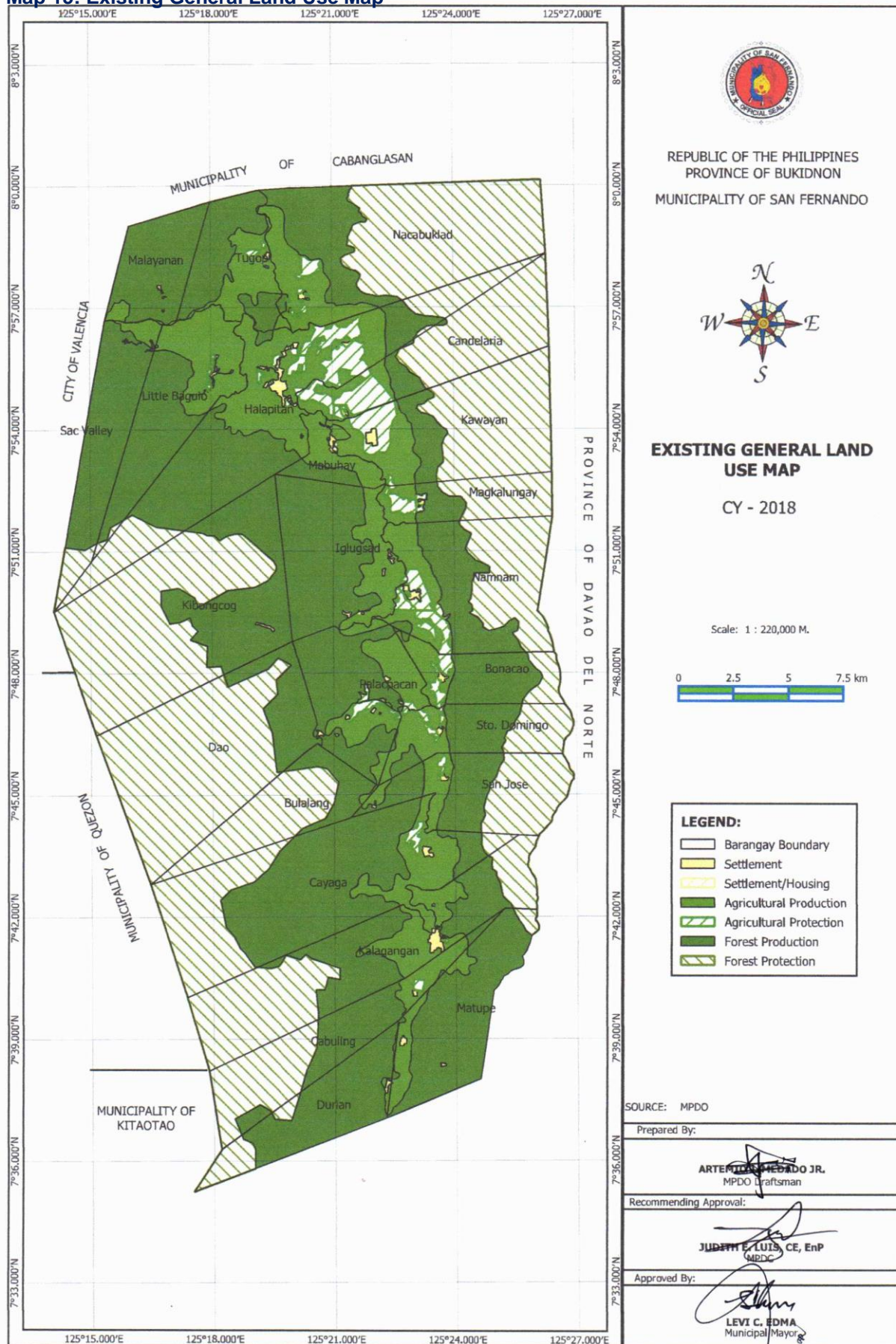
## **Slaughter**

The Slaughter House area occupies 0.30 hectare located at Purok 5, Halapitan, and this municipality. Facilities are dilapidated and need to be reconstructed.

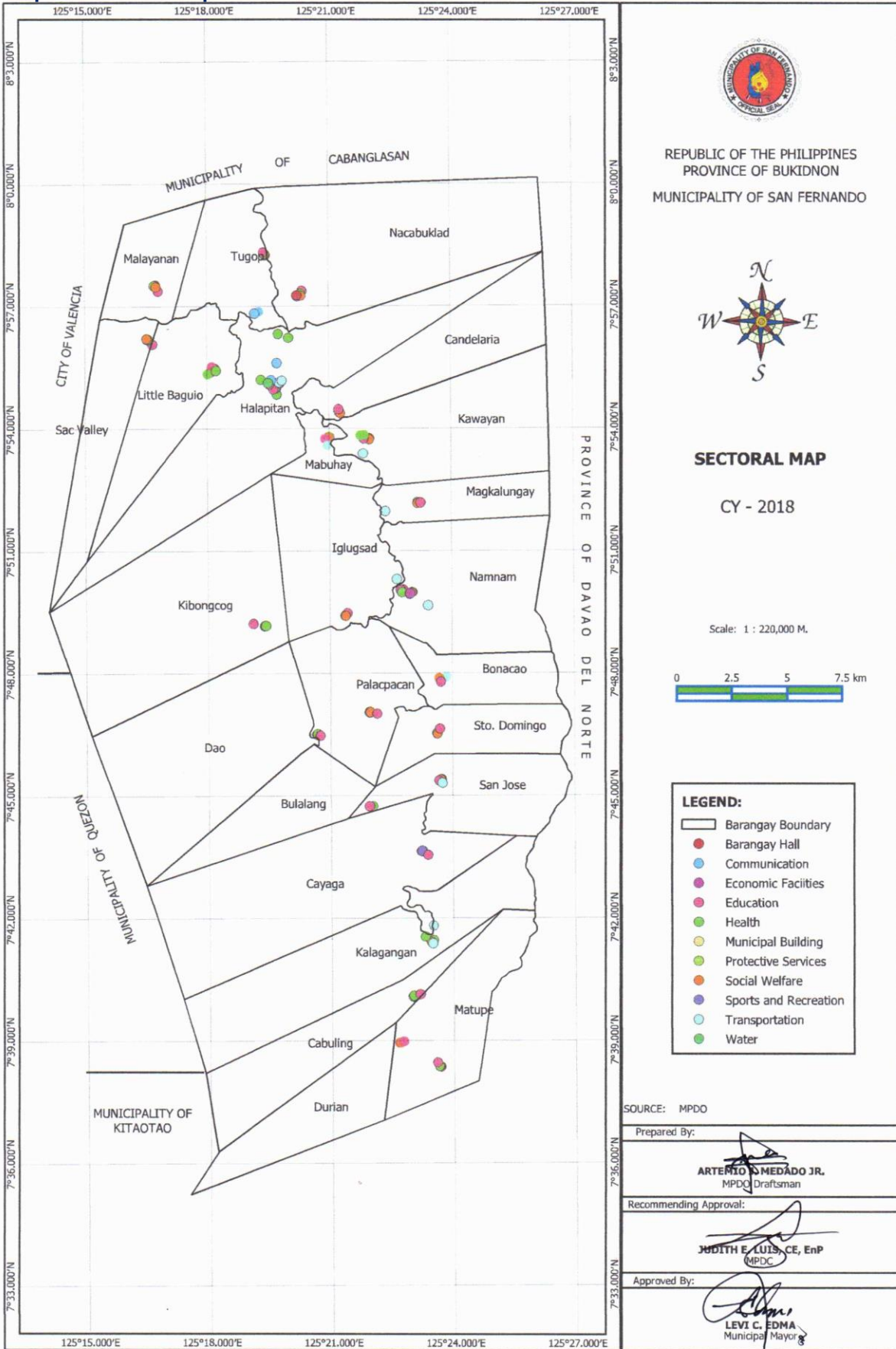
## **Dumpsite/Landfill**

The Sanitary Landfill located at Sitio Malantao of Barangay Halapitan has an area of 1.7 hectares which caters all barangays of San Fernando.

**Map 15: Existing General Land Use Map**



**Map 16: Sectoral Map**





**Table 1.32**  
**Existing General Land Uses**  
**San Fernando, Bukidnon**  
**2018**

Land use	Area (in Hec)	% of Total
<b>Settlement</b>		
Residential	207.82	0.25
Commercial	20.21	0.02
Institutional	105.73	0.13
Park and Open Space	24.87	0.03
Infrastructure	331.64	0.40
<b>Agricultural</b>		
Agricultural	8,754.14	10.65
<b>Agri-industrial/Industrial</b>		
Agri-industrial/Industrial	9.00	0.01
<b>Forest</b>		
Forest	72,665.03	88.44
<b>Special Uses</b>		
Tourism	28.82	0.04
Cemetery	11.73	0.01
SCockpit	1.00	0.001
Dumpsite	1.70	0.002
Slaughter	0.30	0.0003
<b>Total</b>	<b>82,162.00</b>	<b>100.00</b>

Source: MPDO

Considered as the largest aggregation area in the municipality, in year 2010, forest area occupies 90.99% of the total land area but it was decreased to 88.92% in the current year 2018 due to urbanization, need for agricultural space and additional allocation for special uses such as cemetery, cockpit, tourism, slaughter and dumpsite. (See Table 1.33)

Settlement area which compose of residential, commercial, institutional, parks and open spaces and infrastructure has a percentage increase from 0.48% to 0.84% within eight years. Other land use categories also gradually increase in year 2018.

The urban core of the municipality of San Fernando is Barangay Halapitan which allocated an urban land uses area of 6,162.10 hectares as shown in Table 1.34. However, in year 2018, considering the seven urbanizing barangays namely: Candelaria, Kalagangan, Little Baguio, Mabuhay, Nacabuklad, Namnam and Sacramento Valley, are included in the urban ring because common urban activities are expanded up to these areas which allocated a total land uses area of 24,625.65 hectares.

A total of 30,787.74 hectares covers the urban core of the municipality where 20.01% of it comprises by Barangay Halapitan and the remaining 79.98% of the total is the summation of the allocated area of the seven urbanizing barangays.

**Table 1.33**  
**Comparative of Existing General Land Uses**  
**San Fernando, Bukidnon**  
**2010 & 2018**

Land use Category	2010 ( in hectare)	2018 ( in hectare)	Increase/Decrease (in hectare)
Settlements:			
• Urban	62.36	97.14	34.78
• Urbanizing	68.59	248.97	180.38
• Rural	<u>259.54</u>	<u>344.17</u>	<u>84.63</u>
<i>Sub-total</i>	<i>390.49</i>	<i>690.28</i>	<i>299.79</i>
<i>Percent Share to Total</i>	<i>0.48%</i>	<i>0.84%</i>	<i>0.36%</i>
Agri-Industrial/Industrial:			
• Urban	0.65	1.18	0.53
• Urbanizing	0.86	3.39	2.53
• Rural	<u>1.75</u>	<u>4.43</u>	<u>2.68</u>
<i>Sub-total</i>	<i>3.26</i>	<i>9.00</i>	<i>5.74</i>
<i>Percent Share to Total</i>	<i>0.004%</i>	<i>0.011%</i>	<i>0.007%</i>
Agricultural:			
• Production			
- Urban	798.00	1,148.35	350.35
- Urbanizing	479.27	2,309.59	1,830.32
- Rural	3,508.38	3,327.05	(-181.33)
• Protection			
- Urban	70.00	250.00	180.00
- Urbanizing	38.00	685.00	647.00
- Rural	<u>2,079.00</u>	<u>1,035.00</u>	<u>(-1,044.00)</u>
<i>Sub-total</i>	<i>6,972.65</i>	<i>8,754.69</i>	<i>1,782.34</i>
<i>Percent Share to Total</i>	<i>8.49%</i>	<i>10.66%</i>	<i>2.17%</i>
Forest:			
• Production			
- Urban	3,483.66	4,572.40	1,091.24
- Urbanizing	2,920.51	15,661.80	12,741.29
- Rural	44,154.88	30,265.23	(-13,889.65)
• Protection			
- Urban	157.00	87.60	(-69.40)
- Urbanizing	6.89	5,695.50	5,688.61
- Rural	<u>24,038.81</u>	<u>16,382.50</u>	<u>(-7,656.31)</u>
<i>Sub-total</i>	<i>74,761.75</i>	<i>72,665.03</i>	<i>(-2,037.10)</i>
<i>Percent Share to Total</i>	<i>90.99%</i>	<i>88.92%</i>	<i>(-2.07%)</i>
Special Use:			
• Cemetery	6.70	11.18	4.48
• Cockpit	0.13	1.00	0.87
• Tourism	26.00	28.82	2.82
• Slaughter	0.13	0.30	0.17
• Dumpsite	<u>0.89</u>	<u>1.70</u>	<u>0.81</u>
<i>Sub-total</i>	<i>33.85</i>	<i>43.00</i>	<i>9.15</i>
<i>Percent Share to Total</i>	<i>0.04%</i>	<i>0.05%</i>	<i>0.01%</i>
<b>TOTAL</b>	<b>82,162.00</b>	<b>82,162.00</b>	

Source: MPDO

**Table 1.34**  
**Existing Urban and Urbanizing Land Uses**  
**San Fernando, Bukidnon**  
**2018**

LAND USES	URBAN	URBANIZING							Sub-total	Total
	Halapitan	Candelaria	Kalagangan	Little Baguio	Mabuhay	Nacabuklad	Namnam	Sac. Valley		
Residential	47.56	5.25	24.92	6.898	10.47	5.53	14.20	7.11	79.19	<b>126.92</b>
Commercial	9.07	0.11	3.99	0.41	0.47	0.10	2.09	0.11	7.28	<b>16.35</b>
Institutional	18.59	2.54	6.43	3.26	1.78	2.81	3.73	1.16	21.70	<b>56.64</b>
Agri-industrial	1.18	0.26	0.42	0.42	0.61	0.69	0.84	1.18	3.39	<b>4.57</b>
Parks, Playground / Open Space	1.75	1.20	1.60	1.22	1.30	1.20	1.70	15.00	9.40	<b>11.15</b>
Infrastructure	20.00	16.50	26.70	12.50	11.95	24.35	23.90	0.72	131.40	<b>151.40</b>
Inland	31.43	5.82	31.89	1.47	6.49	8.54	19.29	2.00	74.22	<b>105.65</b>
Tourism	0.82	-	10.00	2.00	-	4.00	-	-	18.00	<b>18.00</b>
Cemetery	1.91	-	1.80	0.69	-	-	1.00	-	3.49	<b>5.40</b>
Cockpit	0.13	-	-	-	-	-	-	-	-	<b>0.13</b>
Slaughter House	0.30	-	-	-	-	-	-	-	-	<b>0.13</b>
Socialized Housing	1.644	-	-	4.812	-	-	-	-	-	<b>1.47</b>
Dump Site	1.70	-	-	-	-	-	-	-	-	<b>1.68</b>
Agricultural Production	1,114.30	169.58	20.00	997.57	332.44	532.44	143.76	76.31	2,272.10	<b>3,387.59</b>
Protection	250.00	250.00	20.00	30.00	30.00	25.00	320.00	10.00	685.00	<b>935.00</b>
Forest Production	4,573.25	1,430.42	4,002.62	1,779.36	301.59	3,720.55	2,626.30	2,077.20	15,938.05	<b>20,511.30</b>
Protection	87.60	1,075.00	1,012.14	6.89	68.64	2,188.37	900.68	130.72	5,382.43	<b>5,420.03</b>
<b>TOTAL</b>	<b>6,162.10</b>	<b>2,956.67</b>	<b>5,162.00</b>	<b>2,847.50</b>	<b>765.73</b>	<b>6,514.07</b>	<b>4,057.50</b>	<b>2,321.67</b>	<b>24,625.65</b>	<b>30,787.74</b>
<b>Percent to total</b>	<b>20.01%</b>	<b>9.60%</b>	<b>16.77%</b>	<b>9.25%</b>	<b>2.49%</b>	<b>21.16%</b>	<b>13.18%</b>	<b>7.54%</b>	<b>79.98%</b>	<b>100</b>

Source: MPDO

As shown in table 1.35, settlements are largely concentrated in urban and urbanizing barangays and predominantly catered with residential utilization. The largest agricultural area is utilized by urban area of Halapitan planted with different types of crops. Barangay Kibongcog, being the largest accumulation of land area in the municipality with 7,049.17 hectares, 6,414.29 hectares or 90.99% of this number is evenly distributed with production and protection forest excluding the area utilized by ISF-CBFMA. The municipality has 12 certificate of stewardship holders of Registered ISF-CBFMA from 12 barangays namely Barangays Bonacao, Candelaria, Halapitan, Iglugsad, Kawayan, Kibongcog, Little Baguio, Magkalungay, Nacabuklad, Namnam, Sacramento Valley and Tugop. The allocated area of ISF-CBFMA are presented in Map 17, Tenurial Map.

Existing tree parks in some barangays are not reflected in the table because these are incorporated in the existing agricultural production land use category. The municipality has an existence of biodiversity venue at Barangay Magkalungay. It is expected that for the next planning, the Municipal Environment and Natural Resource Officer proposed to establish a 5-hectare tree parks near water source in each 24 barangays of the municipality to provide recreation area for the people and to encourage and develop biodiversity or natural forest resources conservation in the area.

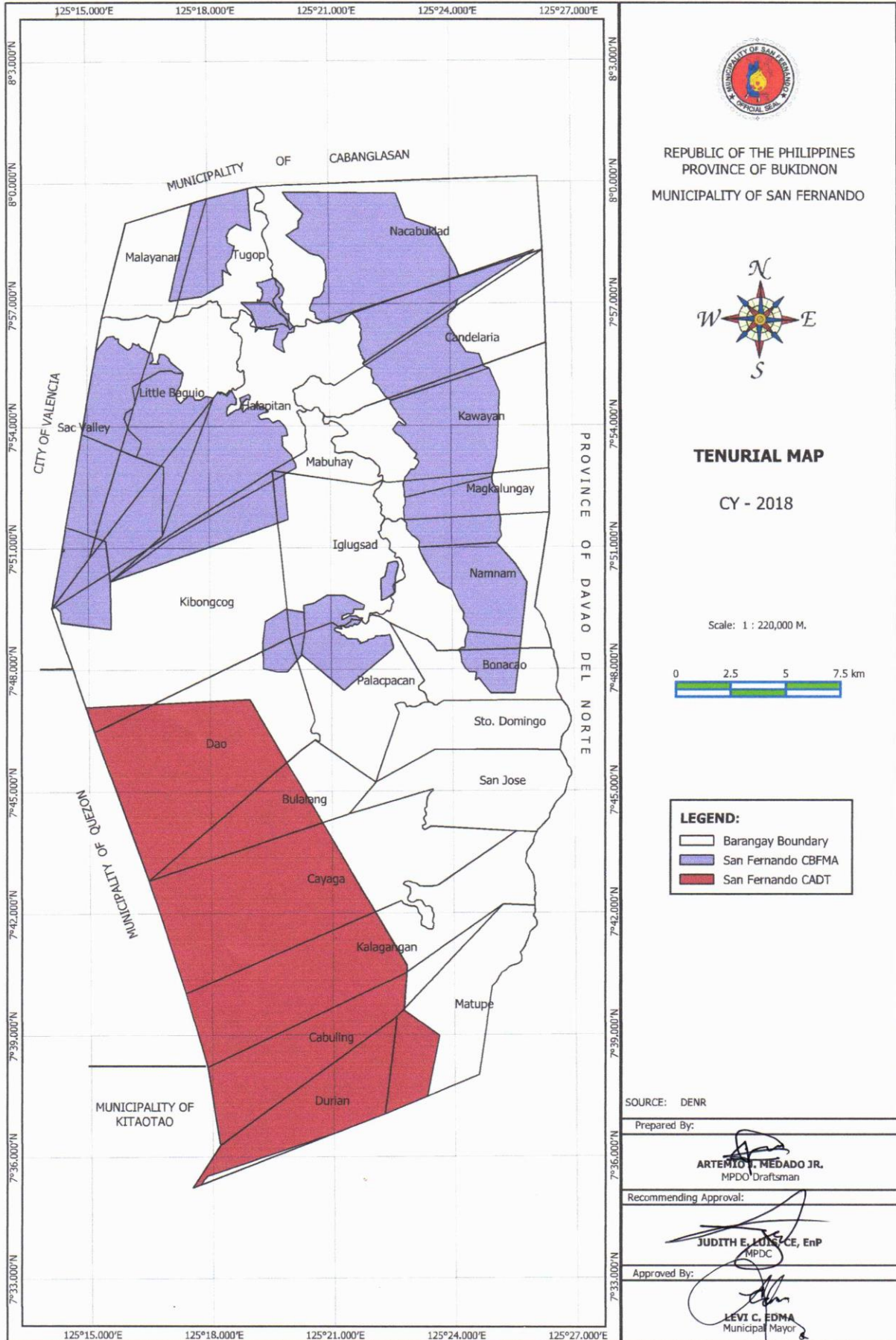
Tourism is rare in rural barangays due to inaccessibility and rolling level of elevation of remote areas and no existence of road networks. Barangay Magkalungay is the only rural area that utilized natural eco-tourism site. Other tourism destinations are located in the urban and urbanizing barangays which includes manmade eco-tourism and Adventure Park in Poblacion Halapitan, Rivers, lakes, caves and other natural tourism sites in Kalagangan, Little Baguio, Sacramento Valley and Nacabuklad.

Barangay Halapitan is the only area which caters cockpit activities and utilized dumpsite of 1.7 hectares that caters all barangays of San Fernando.

Quarrying sites are also present in barangays Halapitan, Nacabuklad, Kalagangan, Cayaga, San Jose, Namnam and Magkalungay. This water land use was not reflected in the table but was incorporated in agricultural production category. Water land use was also utilized with fishponds and lakes for fishing production purposes.

There were nine barangays which have public cemeteries and the largest area is located in Barangay Halapitan.

**Map 17: Tenorial Map**



REPUBLIC OF THE PHILIPPINES  
 PROVINCE OF BUKIDNON  
 MUNICIPALITY OF SAN FERNANDO



**TENURIAL MAP**  
 CY - 2018

Scale: 1 : 220,000 M.



**LEGEND:**

- Barangay Boundary
- San Fernando CBFMA
- San Fernando CADT

SOURCE: DENR

Prepared By:  
**ARTEMIO T. MEDADO JR.**  
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Recommending Approval:  
  
**JUDITH E. LINARES, EnP**  
 MPDC

Approved By:  
  
**LEVI C. EDNA**  
 Municipal Mayor

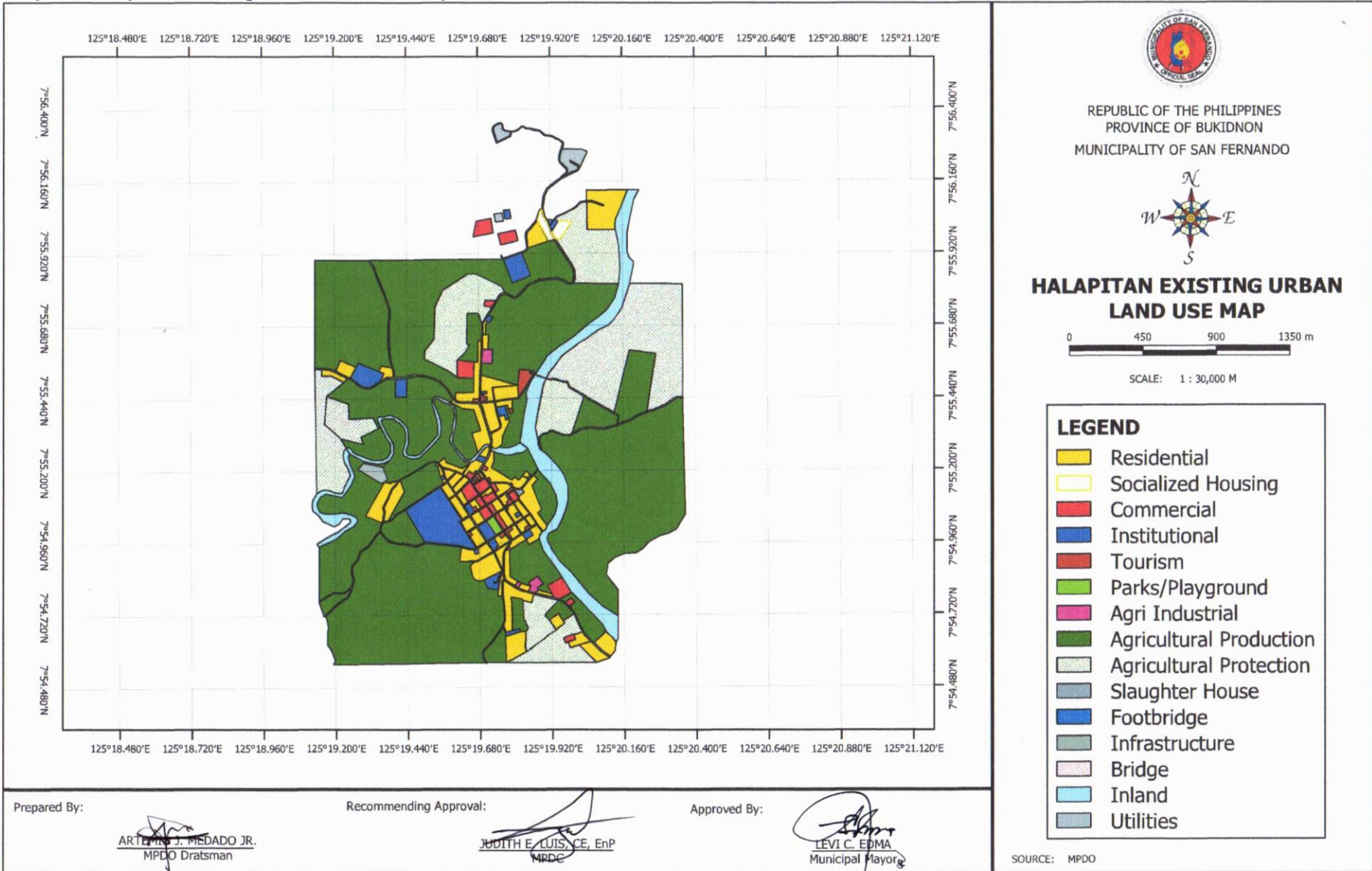
**Table 1.35**  
**Existing General Land Uses**  
**San Fernando, Bukidnon**  
**2018**

BARANGAY	Settlements					Sub - Total	Agricultural		Agri-Indus.	Sub- Total	Forest		Sub -Total	Tou-rism	Cem etery	Cock-pit	Dump site	Slaught er	ISF/ CBFMA	GRAND TOTAL
	Urban	Res.	Com.	Institu tional	PP/ OS		Infra.	Production			Protection	Produc-tion								
1. Halapitan	47.73	9.07	18.59	1.75	20.00	97.14	1148.05	250.00	1.18	1399.23	50.00	37.60	87.60	0.82	1.91	1.00	1.70	0.30	4,572.40	6,162.10
<b>Urbanizing</b>																				
1. Candelaria	5.25	0.11	2.54	1.20	16.50	25.60	175.59	250.00	0.26	425.85	700.00	375.00	1,075.00						1,430.22	2,956.67
2. Kalagangan	24.92	3.99	6.43	1.60	26.70	63.65	29.68	20.00	0.42	50.10	4024.81	1,012.15	5,036.96	10.00	1.80					5,162.50
3. Little Baguio	11.71	0.41	3.26	1.22	12.50	29.10	989.04	30.00	0.42	1019.46	353.96	6.89	360.85	2.00	0.69				1,435.40	2,847.50
4. Mabuhay	10.47	0.47	1.78	1.30	11.95	25.96	338.93	30.00	0.61	369.54	301.60	68.64	370.24							765.73
5. Nacabuklad	5.53	0.10	2.81	1.20	24.85	34.49	537.07	25.00	0.69	562.76	139.88	2,196.90	2,336.78	4.00					3,576.14	6,514.17
6. Namnam	14.20	2.09	3.73	1.70	23.90	45.62	162.25	320.00	0.84	483.09	800.00	405.20	1,205.20		1.00				2,322.59	4,057.50
7. Sac. Valley	7.11	0.11	1.16	1.18	15.00	24.56	76.48	10.00	0.16	86.64	342.46	130.72	473.18	2.00	0.55				1,734.74	2,321.67
Sub total	79.18	7.28	21.70	9.40	131.40	248.97	2309.04	685.00	3.39	2997.43	6662.71	4,195.50	10,858.21	18.00	4.04	0.00	0.00		10,499.09	30,787.84
<b>Rural</b>																				
1. Bonacao	5.01	0.14	2.91	0.50	21.71	30.27	300.00	100.00	0.36	400.36	100.72	55.00	155.72		1.98				922.50	1,510.83
2. Bulalang	1.00	0.06	2.00	0.50	9.00	12.56	57.00	5.00	0.15	62.15	1300.29	750.00	2,050.29							2,125.00
3. Cabuling	2.67	0.10	4.00	0.50	6.00	13.27	299.09	20.00	0.14	319.23	396.67	2,040.00	2,436.67							2,769.17
4. Cayaga	6.78	0.15	5.45	0.50	18.00	30.88	357.59	30.00	0.25	387.84	5730.45	750.00	6,480.45							6,899.17
5. Dao	2.83	0.15	0.54	0.50	8.00	12.02	24.75	2.00	0.20	26.95	1123.53	4,450.00	5,573.53							5,612.50
6. Durian	3.80	0.40	4.00	1.10	9.00	18.30	145.00	20.00	0.45	165.45	657.08	1,617.50	2,274.58							2,458.33
7. Iglugsad	7.13	1.00	2.27	1.40	6.70	18.50	334.08	54.00	0.45	388.53	714.50	1,220.00	1,934.50		0.47				1,047.17	3,389.17
8. Kawayan	13.28	0.18	4.93	1.32	9.00	28.71	333.14	307.00	0.42	640.56	805.00	370.00	1,175.00		1.23				2155.32	4,000.82
9. Kibongcog	6.31	0.06	2.50	0.50	11.80	21.17	120.00	2.00	0.39	122.39	3155.09	3,250.00	6,405.09						500.52	7,049.17
10. Magkalungay	2.21	0.18	5.00	1.50	12.30	21.19	59.13	100.00	0.18	159.31	250.00	500.00	750.00	10.00					496.17	1,436.67
11. Malayanan	4.86	0.10	5.71	1.30	9.00	20.97	34.13	15.00	0.26	49.39	1448.96	105.20	1,554.16		1.31					1,625.83
12. Matupe	2.50	0.15	4.00	1.00	14.00	21.65	303.23	20.00	0.20	323.43	1636.59	1,150.00	2,786.59							3,131.67
13. Palacpacan	2.40	0.30	6.25	0.5	11.00	19.95	182.98	100.00	0.25	283.23	2039.32	450.00	2,489.32							2,792.50
14. San Jose	5.76	0.14	1.88	1.45	11.00	20.23	158.83	80.00	0.23	239.06	1919.04	450.00	2,369.04							2,628.33
15. Sto. Domingo	6.40	0.35	5.36	0.50	8.73	21.34	137.00	100.00	0.30	237.30	1299.69	315.00	1,614.69							1,873.33
16. Tugop	7.97	0.40	8.63	1.15	15.00	33.15	481.10	80.00	0.20	561.30	296.42	20.00	316.42		0.80				1,160.00	2,071.67
Sub total	80.91	3.86	65.44	13.72	180.24	344.17	3327.05	1035.00	4.43	4366.48	22873.35	17,492.70	40,366.05	10.00	5.78	0.00	0.00	0.00	6,281.68	51,374.16
<b>TOTAL</b>	<b>207.82</b>	<b>20.21</b>	<b>105.73</b>	<b>24.87</b>	<b>331.64</b>	<b>690.28</b>	<b>6,784.14</b>	<b>1,970.00</b>	<b>9.00</b>	<b>8,763.14</b>	<b>29,586.06</b>	<b>21,725.80</b>	<b>51,311.86</b>	<b>28.82</b>	<b>11.73</b>	<b>1.00</b>	<b>1.70</b>	<b>0.30</b>	<b>21,353.17</b>	<b>82,162.00</b>

Source: MPDO

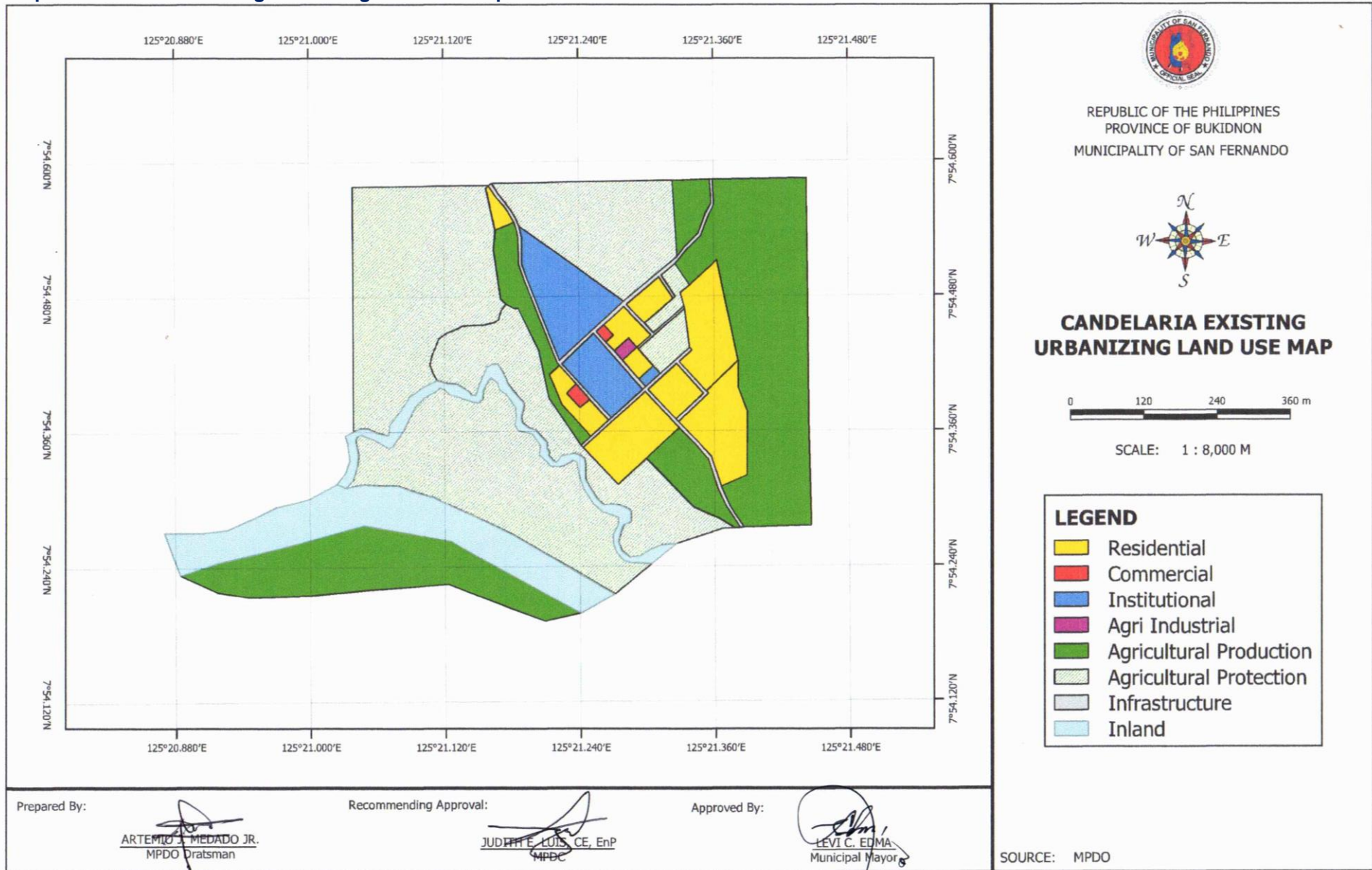
The following are the 8 maps (Map 18, 19, 20, 21, 22, 23, 24, and 25) of Urban and Urbanizing Barangays of San Fernando namely, Halapitan, Candelaria, Kalagangan, Little Baguio, Mabuhay, Nacabuklad, Namnam and Sacramento Valley respectively. These maps illustrate the boundaries of existing urban and urbanizing land uses.

**Map 18: Halapitan Existing Urban Land use Map**

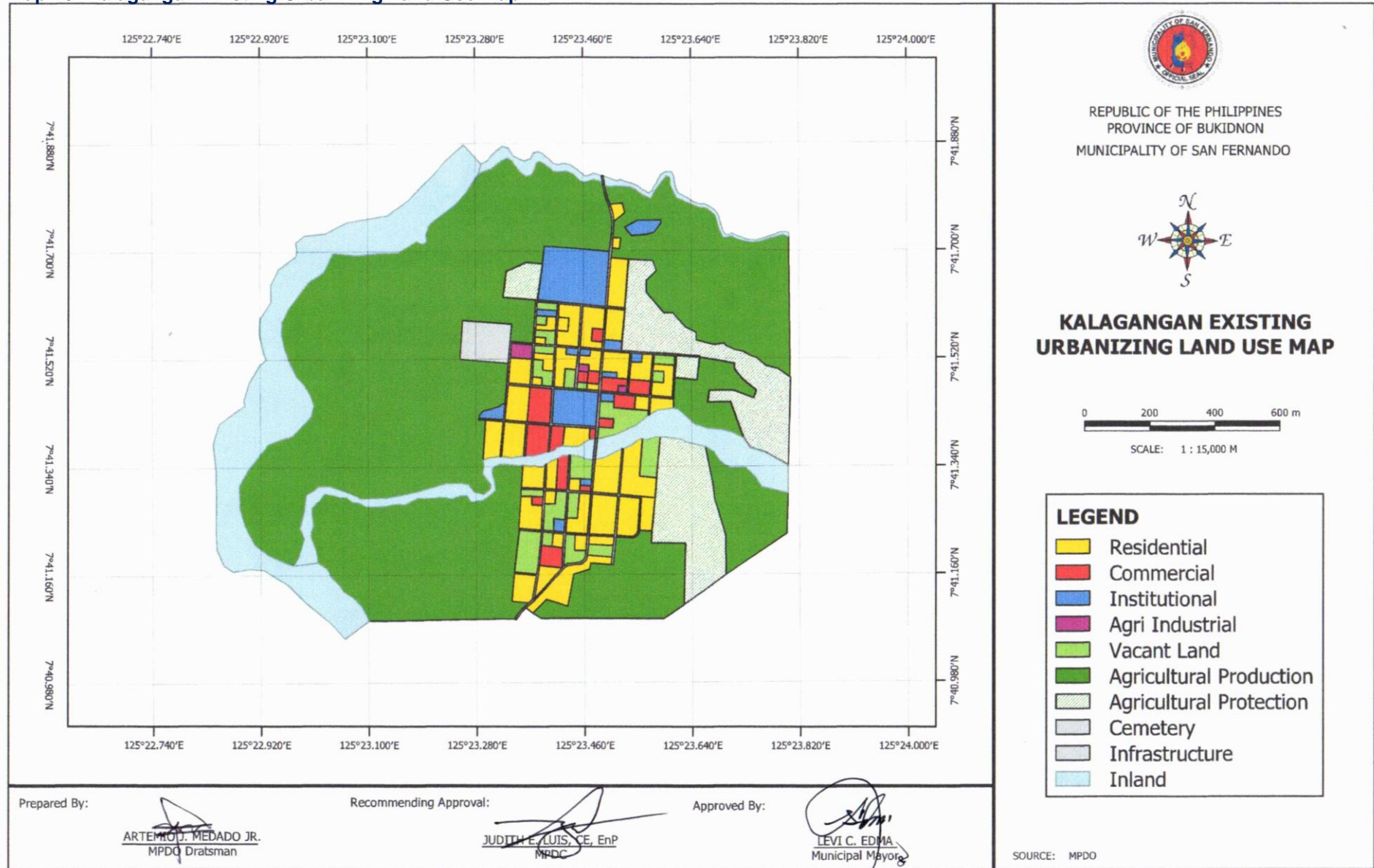




**Map 19: Candelaria Existing Urbanizing Land Use Map**



**Map 20: Kalagangan Existing Urbanizing Land Use Map**



REPUBLIC OF THE PHILIPPINES  
 PROVINCE OF BUKIDNON  
 MUNICIPALITY OF SAN FERNANDO




**KALAGANGAN EXISTING  
 URBANIZING LAND USE MAP**

0 200 400 600 m  
 SCALE: 1 : 15,000 M

- LEGEND**
- Residential
  - Commercial
  - Institutional
  - Agri Industrial
  - Vacant Land
  - Agricultural Production
  - Agricultural Protection
  - Cemetery
  - Infrastructure
  - Inland

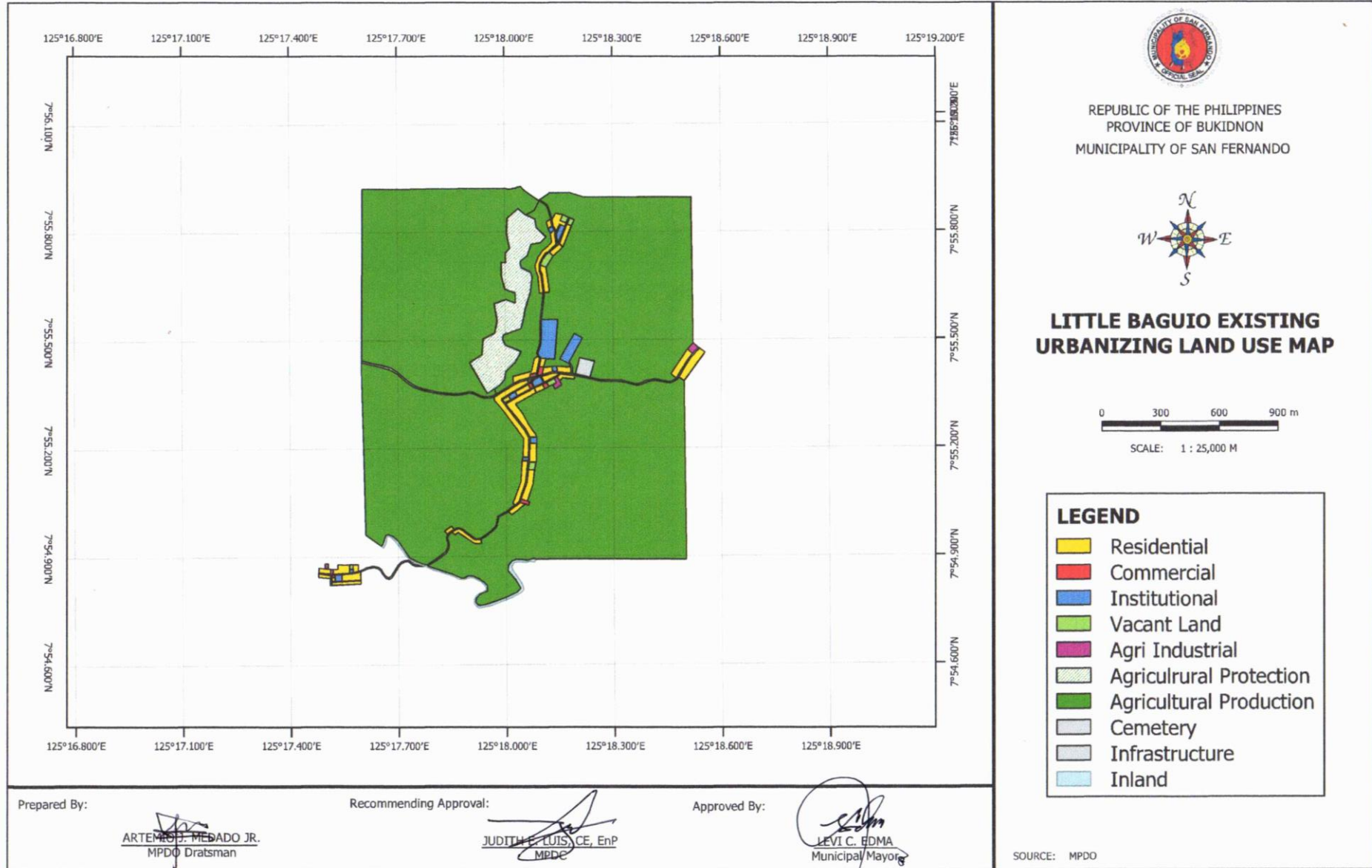
Prepared By:  
  
 ARTEMIO J. MEDADO JR.  
 MPDO Draftsman

Recommending Approval:  
  
 JUDITH E. LUIS, CE, EnP  
 MPDC

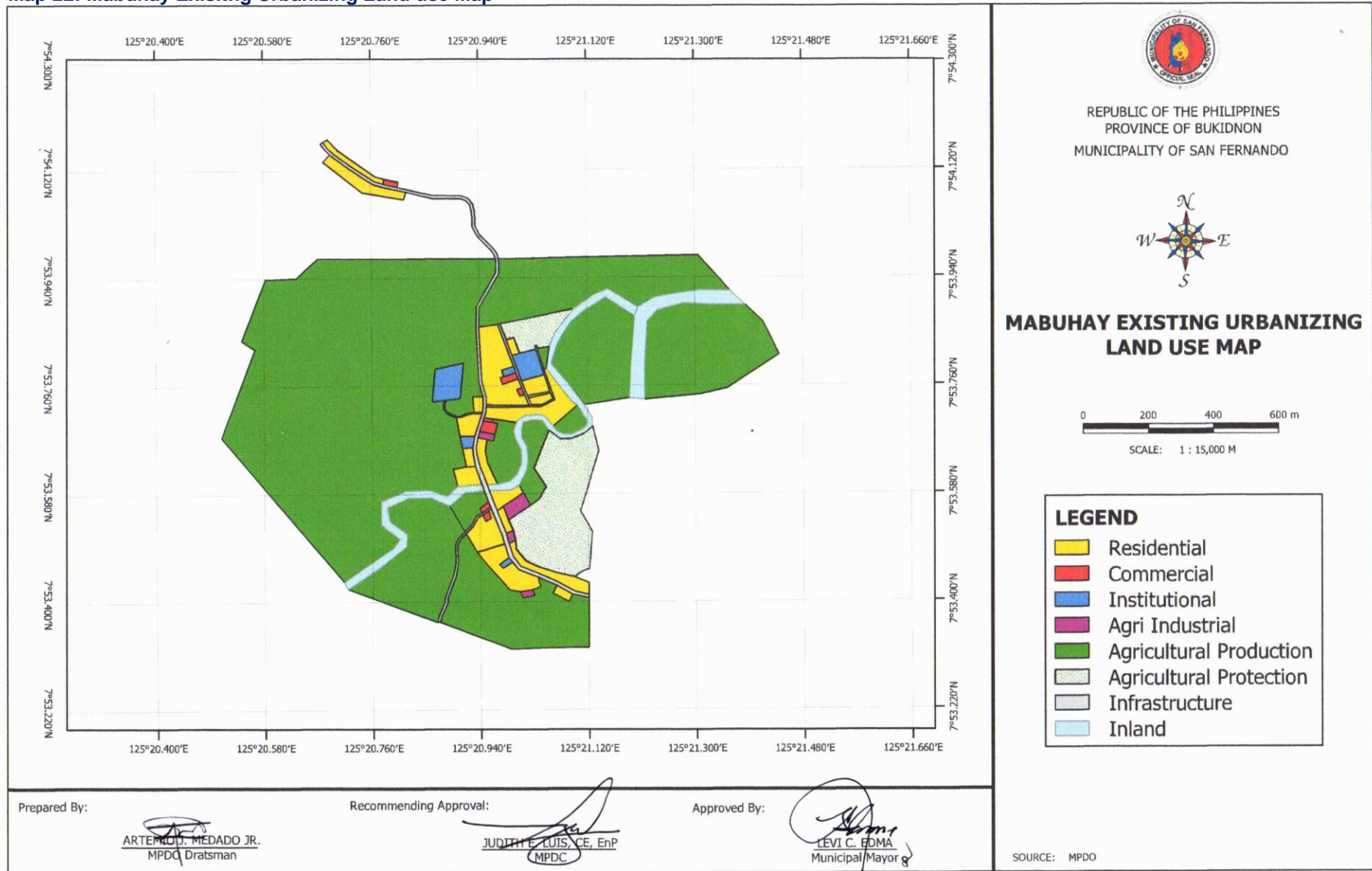
Approved By:  
  
 LEVI C. EDMA  
 Municipal Mayor

SOURCE: MPDO

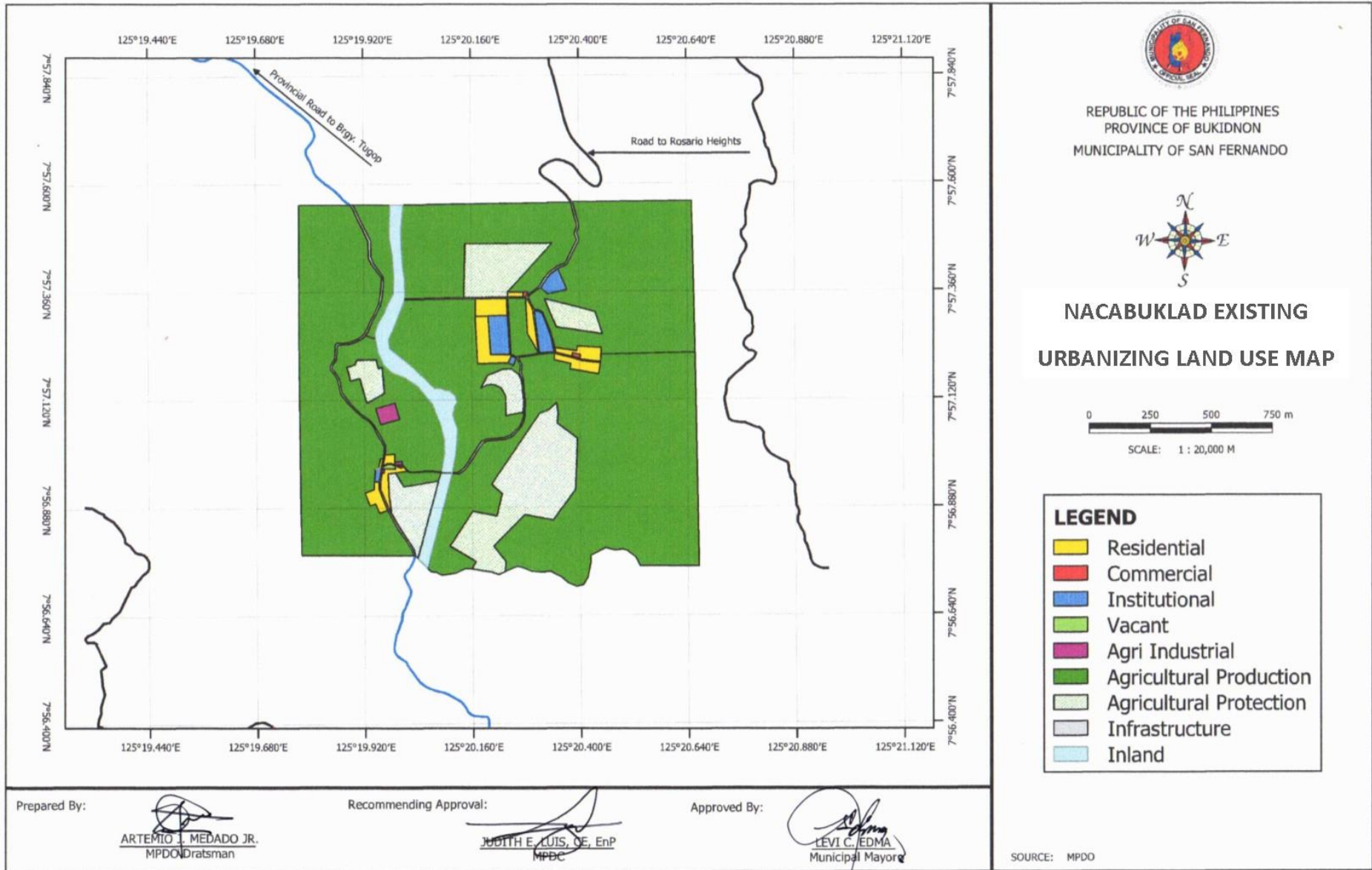
**Map 21: Little Baguio Existing Urbanizing Land use Map**



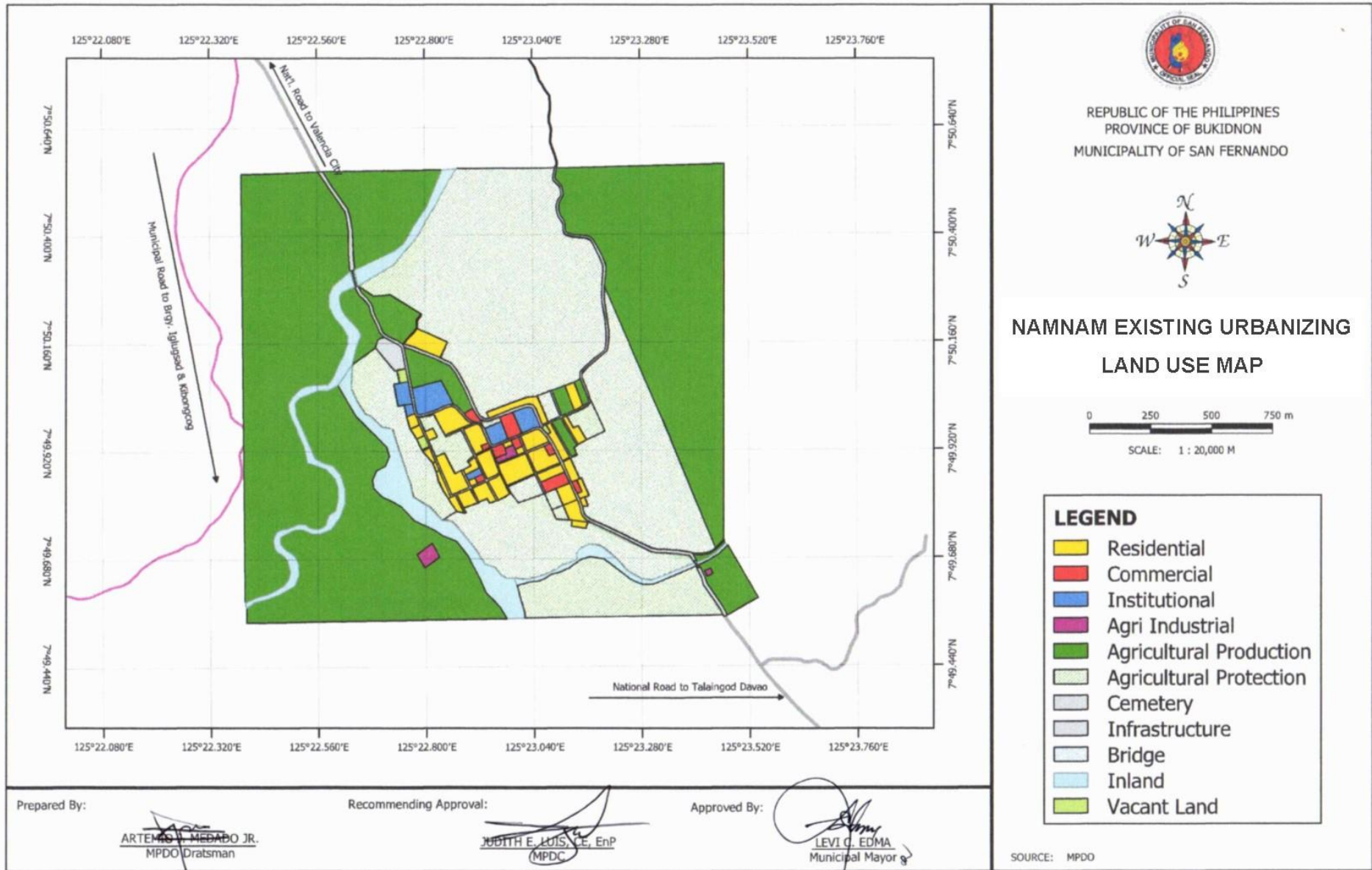
**Map 22: Mabuhay Existing Urbanizing Land use Map**



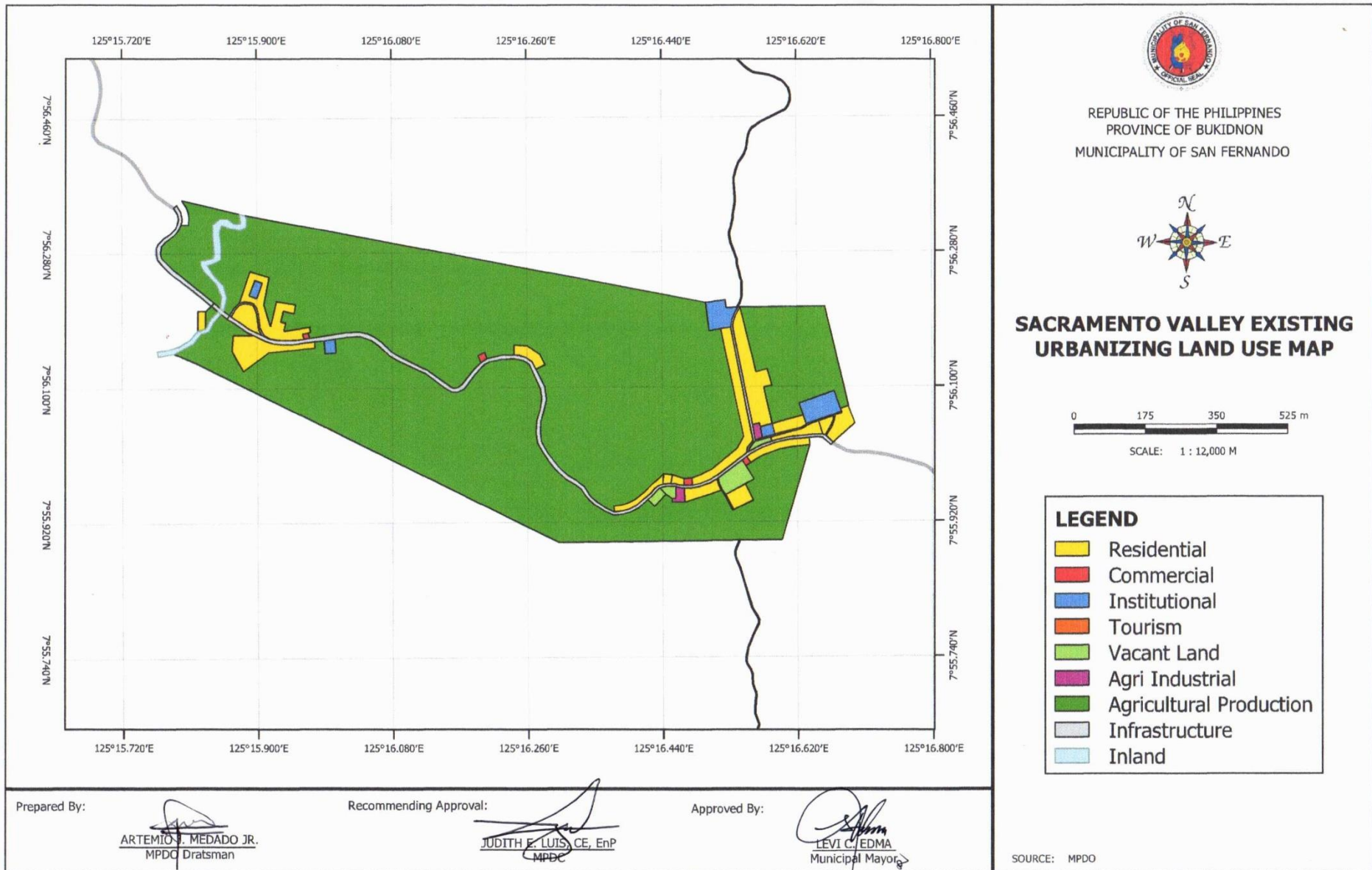
**Map 23: Nacabuklad Existing Urbanizing Land use Map**



**Map 24: Namnam Existing Urbanizing Land use Map**



**Map 25: Sacramento Valley Existing Urbanizing Land Use Map**



## 1.6 FUNCTIONAL ROLE OF THE MUNICIPALITY

It is the most important function of the municipality of San Fernando to make land development plans and supervise buildings in town, to build, maintain and repair municipal and barangay roads, parks, government establishments, tourism facilities and others. Its functions also formulated to operate potable water supply system.

The municipality is also in charge with collecting, sorting and recycling and landfilling in the Sanitary Land Fill and in charge also of the Disaster Risk Reduction and Management. These services also includes deliveries of services to common nature particularly in cemeteries. Those services that are not mandatory but generally provided by the municipality includes reducing poverty, education, culture and sports, social and skills & occupational training courses.

The role of the municipality of San Fernando is recognized as one of the suppliers of food and raw products in the province of Bukidnon particularly in rice, corn, root crops, fruits, fisheries, livestock and abaca fibers that will give rise to the total development of the province. San Fernando is also identified as competent supplier of bamboo furniture in the neighboring cities and municipalities. The “One Town One Product” (OTOP) of the municipality is Handicrafts and more on bamboo crafts, established at the town center of Halapitan. As being recognized in Region 10, it had made an awesome recognition especially during exhibits conducted within the region and in the National Level and thus gradually acknowledged nationwide due to its quality and unique features that signify cultural preservation.

San Fernando is now recognized as the Handicrafts Capital of Bukidnon pursuant to Sangguniang Panlalawigan Resolution No. 2016-058 (13<sup>th</sup> SP) dated July 26, 2016, a resolution recognizing the Municipality of San Fernando as the Handicraft Center in the Province of Bukidnon. (See Annexes 8 and 9)



# 2

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# THE COMPREHENSIVE LAND USE PLAN

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## 2.1 VISION / MISSION

### VISION

San Fernando, a paradise of God-loving, healthy, empowered society, with globally competitive agri-based industries, in an ecologically-balanced environment, managed and sustained by competent, committed and dynamic leaders, aiming to improve the quality of life.

### MISSION

The Local Government Unit of San Fernando shall promote good governance in the delivery of basic services to attain sustainable development and uplift the living conditions of the people.



San Fernando Municipal Executive Building

## 2.2 GOALS, OBJECTIVES AND STRATEGIES

### 2.2.1. SOCIAL SECTOR

#### Major Goal:

Enhance, promote and sustain quality services on peace and order, welfare, shelter, health, education, and skills development, thereby creating an economically sufficient, peaceful and harmonious society.

#### 2.2.1.1 Housing

##### Goal:

Provide decent and healthy living environment.

##### Objectives:

1. To provide additional housing units in a strategic locations.
2. To provide socialized housing and livelihood opportunities to improve living condition.
3. To identify adequate and sustainable lands for housing or residential areas.

##### Strategies:

1. Prioritized those in danger areas and identify and acquire land for relocation.
2. Funding allocation and tapping/linkage to NGO and private owners.
3. Confer with land owners.

#### 2.2.1.2 Health

##### Goal:

Provide and upgrade health, nutrition and sanitation service delivery to attain and uphold a healthy society.

##### Objectives:

1. Provide budget allocation for medicines & other health benefits.
2. Provide budget allocation for the feeding of identified malnourished children.
3. Increase awareness on malnutrition and its effects.
4. Good sanitation practices.
5. Capacitate Barangay Nutrition Scholars (BNS).
6. Establish water system.
7. Sustain Contraceptive Prevalence Rate+ (CSR+)
8. Establish birthing home at the barangay level.
9. Reduction of TB Cases
10. Increase awareness on Health Care

##### Strategies:

1. Priority allocation of budget for medicines and other health benefits.
2. Integration of budget for medicines to Barangay Internal Revenue Allotment (IRA).
3. Funding allocation.
4. Tapping/linkages to Non-Government Organization (NGO).

5. Conduct Information Education Campaign
6. Practice Good Environmental Sanitation to every Household
7. Capability building/refresher course to all Barangay Nutrition Scholars
8. Ensure/Affordability of commodities thru BNBs
9. Monitoring of supplies
10. Ensure completion of Urban Development Housing Act System for fast tracking of population management
11. Intensify the “Zero Unmet Need in Family Planning” Program
12. Funding allocation for supplies and instrument use for birthing home
13. Spontaneous Case Detection
14. Information, Education and Communication (IEC)
15. Provision of medicine
16. Capability building

### 2.2.1.3. Education

#### Goal:

Provide quality education so that each become a self-reliant, productive, responsible, and law-abiding citizen.

#### Objectives:

1. To provide conducive learning environment.
2. To build transparency and communication of teacher-parent-learners relationship and vice versa.
3. To uplift family’s economic status.
4. To eradicate the malnourished pupil
5. To improve the good utility on the school to prevent/disregard and avoid from cause of diseases.
6. To provide safety and security for learners.
7. To enhance the capacity of the school in delivering good services in the community by ensuring the families and learners attracted in the school facilities and/or buildings.
8. To provide special attention and consideration of learnings among disable pupils.
9. To push awareness to make schools not just child friendly but also “PWD friendly”.
10. To provide improvements and comforts to learners, teachers, parents and stakeholders.
11. To strengthen the networking and linkages to internal and external stakeholders so that they will be aware that the school needs their full support for the implementation of school improvement plans.
12. To provide the teachers with trainings in terms of teaching techniques especially in reading.

#### Strategies:

1. Adapt time management and conduct shifting school hours.
2. Conduct feasibility study to support the request of additional classrooms and teachers.
3. Strengthening the support of LGU in providing assistance of livelihood programs.
4. Integrating of sexuality education lessons in schools to curb incidences of teenage pregnancy, population growth and sexual diseases.
5. Conduct regular parents-teachers meetings which focus on the monitoring and counselling of children.

6. Regular consultation of parents and close monitoring of pupil's nutritional status and conduct barangay feeding program to lessen teachers burden or classroom interruptions.
7. Conduct a fund raising activities or tap LGU for the provision of buildings and facilities and construction of perimeter fence.
8. Assign or request additional teacher or Special Education (SPED) teacher to cater Person with Disabilities (PWDs).
9. Encourage the teachers to enroll in master's degree to enhance professional development.

#### **2.2.1.4 Protective Services**

**Goal:**

Ensure public safety and internal security.

**Objectives:**

1. Procurement/installation of protective facilities and other police requirements
2. Augmentation of additional Philippine National Police (PNP) Personnel
3. Allocation of adequate budget to support the administration/ operational function of the Police.
4. Prioritize the deliberation of budget
5. Immediate fire response without delay, uninterrupted water supply for fire suppression
6. Save lives and properties

**Strategies:**

1. Request financial support from the Local Government unit (LGU) and NGOs.
2. Follow-up logistic support from the higher headquarters.
3. Request for additional PNP Personnel
1. Organize, train and mobilize BPATs, Tanods, CVOs, volunteers and other force multipliers.
4. Fiscal funds coming from the LGU should be deliberated properly to address the lingering problem.
5. Constant communication with the local executives and legislative so that funds intended for the enforcement agency will be released without delays.
6. Allocate funds for the operational paraphernalia thru Municipal Peace and Order Council (MPOC).
7. Educate personnel to use and operate new technologies.
8. Send personnel to seminars, schoolings and trainings.
9. Request financial support from the LGU
10. Installation of fire hydrants in fire prone areas
11. Establishment of one (1) fire sub-station with adequate personnel and equipment at Barangay Namnam

#### **2.2.1.5 Sports and Recreation**

**Goal:**

Promote camaraderie and sustainable sports development.

**Objectives:**

1. To provide interest, enjoyments and comfort through availability of adequate sports facilities.

2. To prioritize adequate budget for sports and recreation programs that will help raise awareness in avoidance of social inclusion rather bring people of all ages and abilities together for enjoyment and sustainability of well-being.
3. To conduct different sports and allow rural inhabitants to participate that will lead promotion of peace, tolerance and understanding by bringing people together across boundaries, cultures and religions.
4. To empower people by positively influencing individual their self-confidence and self-esteem through sports and recreation activities.
5. To implement regulation to address the engagement of social networking site issues.
6. To promote health improvement, prevention of diseases and to save children's future from the invasion of internet/ social networking and online game addiction.

**Strategies:**

1. Additional construction of sports facilities to cater different sports and recreational activities.
2. Provide appropriate funds or budget in the sports and recreation sector of the municipality.
3. Initiate programs that develop variety of sports in the municipality.
4. Conduct municipal sports fest to invite all sports minded people from all barangays.
5. Support the Sports Committee in initiating all sports program and assign personnel who deserved to handle such responsibility.
6. Coordinate with computer shop owners and regulate ordinance regarding the avoidance of entry of students and pupils during class hours and implement closed door on curfew hours.

### 2.2.1.6 Social Welfare

**Goal:**

Provide opportunities that will uplift the living condition and restore normal functioning and participation of the less privileged families.

**Objectives:**

1. To provide quality and competent services in the community.
2. To provide sustainable livelihood programs to unprivileged families.
3. To provide special protection to disadvantaged children and youth.
4. To expand knowledge, skills and appropriate attitudes on parenting.
5. To provide quick response, fair and sustainable assistance to calamity victims.
6. To provide valuable support to families with young children and to ensure the quality and accessibility of services.
7. To promote equalization of opportunities and to provide comfort, satisfaction and an area to meet the PWD's needs for socialization and more active community involvement.
8. Provide better and comfortable venue for PWUDs to cater to their rehabilitation and counselling.

**Strategies:**

1. Additional registered Social Workers who can implement Social Welfare Programs.
2. Conduct and implement sustainable livelihood programs that are applicable in their respective areas.
3. Additional crisis center facilities and care givers.
4. Additional social workers for the conduct of parent Effectiveness Service (PES)

5. Allocate budget for the provision of trainings and seminars among PES.
6. Prioritization on the plans and programs that will support and sustain the needs of calamity victims.
7. Additional construction of Day Care Centers and additional honorarium to day care workers.
8. Establish PWD Center.
9. Improvement of elderly/ senior citizen's center
10. Construct Special Education Center for the minors and adults or Person Who Uses Drugs.

## 2.2.2. ECONOMIC SECTOR

### Major Goal:

Create a favorable investment climate for sustained environment-friendly agri-industry.

### 2.2.2.1 Industry

#### Goal:

Promote agri-based industrial development in all potential and strategic locations within the municipality.

#### Objectives:

1. To revive and enhance traditional household industries and help them find for markets of their products
2. To provide areas for agro-industrial expansion
3. To encourage commercial livestock production
4. To provide a good business atmosphere to attract investors

#### Strategies:

1. Enhance the operation of the Negosyo Center to encourage and support local entrepreneurs and attract investments
2. Enhance product development for rattan and bamboo products.
3. Invite prospective investors from other area to develop agro-industry
4. Construction and maintenance of farm-to-market and barangay road networks to help promote economic activity and other livelihood activities

### 2.2.2.2 Trade and Commerce

#### Goal:

Strengthen trade and commerce in the community for possible global competitive business investments.

#### Objectives:

1. To serve with adequate services and facilities and at the same time help increase economic growth.
2. To provide enough parking spaces and meet the needs of the drivers as well as the safety and comfort for both consumers and business owners.
3. To provide better health and sanitation to business sectors.
4. To be able to invite outside investors
5. To secure more establishments or "bagsakan centers".
6. To promote free entry of investors.
7. To encourage first land supplier to engage in the municipality.

8. To promote healthy competitions among businesses.

**Strategies:**

1. Close monitoring and regular maintenance of slaughter facilities.
2. Strict imposition of zoning ordinance regarding setback compliance to all business establishments especially along the national highway.
3. Locate suitable water sources and install high standard potable water system.
4. Establish more bagsakan centers.
5. Offer first land supplier a tax free incentives.
6. Encourage small business establishments to engage in wholesaler business.

### **2.2.2.3 Agriculture and Agrarian Reform**

**Goal:**

Sustain agricultural production and tenurial security of farmers.

**Objectives:**

1. To provide security to less fortunate farmers
2. To provide the landowners equality in terms of income and opportunities
3. To be food secure
4. To increase income.
5. To increase yield.
6. To facilitate transportation of agricultural products and inputs.
7. To develop quality farm products.
8. To avail of high buying price of farm products.
9. To empower Farmers Organization/Coop.
10. To maintain ownership and safeguard security of tenure.

**Strategies:**

1. Agrarian Reform beneficiaries who sold their CARP awarded land will no longer be qualified
2. Membership in Farmer's Organization and Cooperatives
3. Provide technical assistance and support services
4. Conduct cross-visits to develop Agrarian Reform Communities (ARC)
5. Increase area planted to all crops
6. Increase yield per hectare.
7. Optimize production through adoption of modern technology.
8. Encourage investors to engage in long term production of high value crops and livestock.
9. Conduct periodic monitoring and evaluation related to agricultural production.
10. Establishment of New Irrigation System and rehabilitate existing irrigation facilities.
11. Construction/rehabilitation of farm-to-market roads.
12. To submit resolution for funding allocation, adoption and implementation for agricultural development.
13. To prepare plans and programs for agricultural development.
14. To provide Pre and Post-Harvest Facilities.
15. Market linkage.
16. Encourage/invite investors.
17. Strengthen/enhance capability of organizations.
18. Encourage Farmers to Organize.



19. Introduce Trainings for capability Building.
20. Implement LGUs related to CARP Program.
21. Provision of Production Assistance.
22. To provide support services of basic needs.
23. Prioritization of basic needs

#### 2.2.2.4 Forestry

##### Goal:

Promote sustainable Forest Management Approach in order to uplift the socio-economic status of the community.

##### Objectives:

1. To protect the remaining forest resources..
2. To conserve flora and fauna
3. Enforcement of forest laws / legislations
4. Organize “Bantay Gubat” in every barangay.
5. Delineate and identify production forest and conjoin ICC’s/IP’s with other national agencies
6. Organize upland farmers.
7. Organize small scale mining operators as association/ cooperative
8. To conduct proper identification of forest occupant.
9. To lobby for the speedy conversion of approximately 14,000 hectares classified as timberland into Alienable and Disposable (A&D).
10. To delineate boundaries and install concrete monuments
11. To provide recreation area for the people and encourage biodiversity conservation

##### Strategies:

1. Strong imposition of forestry related laws
2. Intensify Information Education Communication (IEC).
3. Close coordination with DENR
4. Provide incentives and hiring of technical personnel to oversee and ensure protection of the remaining forest.
5. Delineation survey and strengthen IEC to ICCs/ Ips regarding RA 8371 and other environmental laws
6. Promote Sloping Agricultural land Technology (SALT)
7. Link SSM operators to other local and national agencies and provide technical assistance
8. Intensify Information Education Communication (IEC).
9. Issuance of certificate of occupancy/tenurial instruments
10. Coordinate with the proper authorities to conduct delineation survey.
11. Encourage community voluntary establishment activities like planting and growing
12. Locate a strategic, suitable and accessible area near water source
13. Establish a nursery for seedling production
14. Allocate budget for maintenance and protection of the area.

### 2.2.2.5 Tourism

#### Goal:

Enhance and develop eco-tourism areas as tourist destinations.

#### Objectives:

1. To attract local and international tourists
2. Provide adequate vegetation and landscape
3. Attain clean and green environment
4. Generate high revenue
5. Provide good access to major highways
6. Attract the tourists to stay long in our place
7. Provide convenience to tourists
8. To provide effective implementation of tourism programs and projects and conduct proper documentation of tourists and visitors
9. To promote investment in conservation of natural habitats
10. Provide extra income to neighboring occupants
11. Develop tourist spots

#### Strategies:

1. Develop identified tourism sites and to conduct citation and discovery for any futuristic tourism area to different barangays of the municipality
2. Intensify promotion campaign
3. LGU tourism office to develop marketing strategies to help generate revenue, create job opportunities and generates opportunities for small scale local businesses
4. Allocate budget for vegetation and landscaping
5. Conduct proper planning and prepare site development plan
6. Consult skilled personnel to initiate vegetation and landscaping
7. Cooperate the Solid Waste Management office for the regular collection of garbage
8. Construct additional infrastructures to attract tourist
9. Develop potential tourist spots
10. Establish unique spot views that will attract tourists
11. Establish Traffic Management Council
12. Construct transportation projects
13. Source out fund from NGAs and private sectors
14. Encourage potential investors on accommodation establishment
15. Encourage business investors to put up 24/7 store
16. Encourage bank institution to put more ATM unit in strategic locations.
17. Hiring of permanent tourism officer
18. Create Municipal Tourism Office
19. Conduct and implement regulation and policies that are friendly to both site residents and tourists
20. Provide livelihood programs for occupants within surrounding areas
21. Conduct various livelihood programs
22. Continuous monitoring of livelihood activities of the beneficiaries
23. Regulate the people to minimize the use of the natural resources
24. Construct tourism infrastructure and facilities to support tourist attractions

## 2.2.3. INFRASTRUCTURE SECTOR

### Major Goal:

Provide efficient infrastructure facilities and utilities.

### 2.2.3.1 Transportation

#### Goal:

Provide better transportation services and facilities to uplift the quality of life of the people.

#### Objectives:

1. To provide accessible road networks.
2. To ensure safety of the people.

#### Strategies:

1. Budget allocation for road maintenance
2. Construct long term projects.

### 2.2.3.2 Power

#### Goal:

Improve power services.

#### Objectives:

1. Provide adequate hydro-power supply.
2. Provide additional lines to urbanizing and rural barangay.
3. Develop potential hydro-power sources.

#### Strategies:

1. Reforest denuded area.
2. Coordinate with Department of Environment and Natural Resources (DENR) and First Bukidnon Electric Cooperative (FIBECO) for preparation and implementation of reforestation plan.
3. Identify other power sources.
4. Complete assessment of road-right-of-way for power distribution lines.
5. Coordinate with FIBECO for payment of assessment taxes.

### 2.2.3.3 Water

#### Goal:

Provide adequate potable water supply throughout the municipality.

#### Objectives:

1. Provide adequate water supply for domestic and other uses.
2. Create a Local Water District Office.

**Strategies:**

1. Identify water sources feasible for development.
2. Conduct an inventory/upgrading of water system.
3. Monitor conditions of existing water systems for upgrading.
4. Prepare an integrated water supply master plan.
5. Prepare a staffing pattern for the Water District Office.
6. Prepare a budgetary proposal for the proposed Water District.
7. Imposed penalties for late or non-payment of water consumption.

**2.2.3.4 Communication****Goal:**

Enhance communication services in the municipality.

**Objectives:**

1. Provide adequate modern communication facilities/utilities
2. Maintain peace and order conditions in feasible sites for cellular base stations

**Strategies:**

1. Provide tax incentive to investors.
2. Identify feasible sites for communication facilities/ utilities
3. Assign PNP personnel strategic hinterland locations
4. Strengthen the CVOs.
5. Maintain existing urban-rural access roads.

**2.2.3.5 Solid Waste Management****Goal:**

Promote efficient and effective solid waste management.

**Objectives:**

1. Ensure cleaner surroundings in the entire municipality including its constituent's barangays.
2. Educate constituents of San Fernando on the rationale, theories and practices of Ecological Solid Waste Management (ESWM)
3. Generate income from sales of raw recyclables and even crafts derived from the same
4. Turn waste into resource thereby helping slow down depletion of natural resources.
5. Protect the immediate environment and health of the public

**Strategies:**

1. Technical assistance for Household Level Recycling and Composting
2. Regular conduct of Information, Education, and Communication (IEC) campaigns.
3. Legislation and enforcement of Local Solid Waste management policies.
4. Plan and implement income generating projects
5. Rewards and incentives

6. Collection and transfer. LGU to provide adequate garbage trucks to serve the 100% population
7. LGU to develop vermi-compost facility in order to accommodate the biodegradable from market wastes and street sweepings

## 2.3 THE STRUCTURE PLAN

The concept of structural plan of the municipality of San Fernando is vital in the preparation of local development plan to ensure that growth is delivered in the right places and guides how the growth will take into account the needs of the local community. It pertains to the way future population and related activities are organized and distributed over the municipal territory.

Through sieve mapping using the Geographic Information System (GIS) technology, several thematic maps were overlain to identify which areas are probable for development and build out or expansion. Areas to be protected will also be determined including those areas subject for conservation and preservation in order to secure suitable or satisfactory environment for human habitat and self-support or self-sufficiency in agricultural production and for other types of development. Afterwards, this development concept will eventually provide the overall framework for the municipality's land use plan.

The structure plan of San Fernando derives from the combination of three formations namely: concentric form of development, linear type and the formation of growth nodes/centers outside the Poblacion or the urban area.

Economic growth takes place in the poblacion of urban barangay of Halapitan and central portions of seven urbanizing barangays namely: Candelaria, Mabuhay, Little Baguio, Nacabuklad, Namnam, Kalagangan and Sacramento Valley wherein the concept optimizes the opportunity of urban growth.

The significance of development in the urban center will be focused on the expansion and integration of the existing and newly planned areas including the environmental upgrading in the built-up areas. The form of development is concentrated in the poblacion of Halapitan and being the urban center, it will continue to perform the function as the municipality's service center and the seat of local administration.

It is expected that large expansion of urban center is not possible due to the presence of agricultural lands. Anyway, the planned extension of urban area will be allowed and directed to cover the seven urbanizing barangays as mentioned a while ago.

Linear type of development also takes in the municipality. Future urban growth will be concentrated along existing national routes from Sacramento Valley to the south of Kalagangan. Serious implementation of road-right-of-way policy will be enforced along the national highway. The Municipal Building Official and the Municipal Planning and Development Coordinator will regularly conduct inspection and monitoring as part of the processing of issuance of building permit to both private and public establishments to be constructed especially along the national highway. Standard setbacks will be strictly enforced in order to define allowable parking areas and to ensure public safety and convenience to both business owners and consumers especially in concentrated public places. Economic activities will be a combination of trading and services. Open spaces will remain for recreational activities but possibly in minimal existence due to expansion of commercial and residential areas to accommodate future population growth.

National and provincial roads will provide access on delivery of social services. Through this, monitoring and implementation of programs and projects will be made easy. Commerce and industry will be enhanced and intensified to increase employment opportunities to both urban and rural areas.

Poblacions of each rural barangays are identified as growth nodes/centers to accommodate development of any important scale and to act as catchment areas in the delivery of social services. This is due to the presence of basic facilities such as schools, health stations, recreational such as covered courts and day care centers.

## 2.4 THE LAND USE PLAN

To determine lands available for development, using Geographic Information System (GIS) technology, sieve mapping analysis was undertaken. Through this, hazard prone areas, settlement areas and areas which need to be protected, conserved or preserved were primarily identified and then the remaining areas will be considered as potential land for development.

### General Land Use Plan

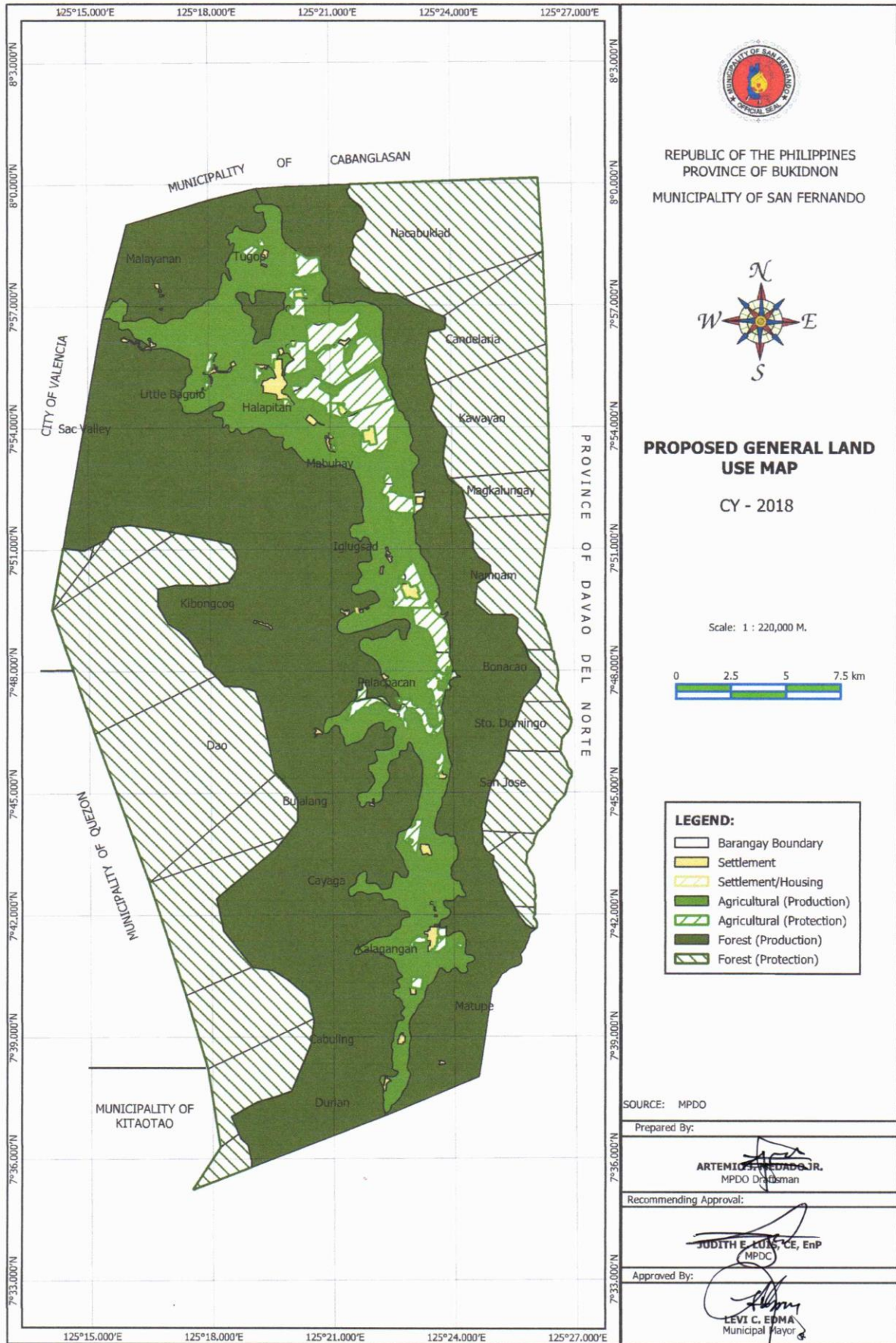
Since the Municipality of San Fernando is dominated with forestal lands, there is an area of 2,562.17 hectares of forest production as identified in Table 1.36 and quantified from Map 26 (Proposed General Land Use Map) which is available to cater new development.

**Table 1.36**  
**Comparative of Existing and Proposed General Land Uses**  
**San Fernando, Bukidnon**  
**2018 and 2029**

General Land Use Category	Area (in ha.) 2018	Percent to Total	Area (in ha.) 2028	Percent to Total	Increase/ Decrease
<b>Settlement</b>					
Residential	199.86	0.25%	223.97	0.27%	16.88
Commercial	20.21	0.02%	102.50	0.12%	82.29
Institutional	105.73	0.13%	114.69	0.14%	8.55
Park and Open Space	24.87	0.03%	207.83	0.25%	182.96
Infrastructure	331.64	0.40%	346.68	0.42%	15.04
Socialized Housing	7.96	0.01%	31.64	0.04%	23.68
<b>Sub-total</b>	<b>691.74</b>	<b>0.84%</b>	<b>1,026.90</b>	<b>1.25%</b>	<b>336.64</b>
<b>Agricultural</b>					
Protection	1,970.00	2.40%	3,661.00	4.46%	1,691.00
Production	5,894.47	7.17%	5,594.33	6.81%	(-300.14)
<b>Sub-total</b>	<b>7,864.47</b>	<b>9.57%</b>	<b>9,255.33</b>	<b>11.26%</b>	<b>1,390.86</b>
<b>Agri-industrial/Industrial</b>					
<b>Agri-industrial/Industrial</b>	<b>9.00</b>	<b>0.01%</b>	<b>26.15</b>	<b>0.03%</b>	<b>17.15</b>
<b>Forest</b>					
Protection	21,725.80	26.44%	21,725.80	26.44%	0
Production	50,938.23	62%	48,376.06	58.88%	(-2,562.17)
<b>Sub-total</b>	<b>72,664.03</b>	<b>88.44%</b>	<b>70,101.86</b>	<b>85.32%</b>	<b>(-2,562.17)</b>
<b>Water Use</b>					
Inland/Easements/Buffer	891.00	1.08%	1,064.65	1.30%	173.65
Mineral/Quarry	-	-	400.00	0.49%	400.00
<b>Sub-total</b>	<b>891.00</b>	<b>1.08%</b>	<b>1,464.65</b>	<b>1.78%</b>	<b>573.65</b>
<b>Special Uses</b>					
Tourism	28.82	0.04%	130.82	0.16%	102.00
Cemetery	11.18	0.01%	32.26	0.04%	21.08
Cockpit	1.00	0.001%	1.00	0.001%	0
Dumpsite	1.70	0.002%	2.76	0.0034%	1.06
Slaughter	0.30	0.0003%	0.27	0.0003%	(-0.03)
Tree Park	-	-	120.00	0.15%	120.0
<b>Sub-total</b>	<b>43.00</b>	<b>0.05%</b>	<b>287.11</b>	<b>0.35%</b>	<b>244.11</b>
<b>Total</b>	<b>82,162.00</b>	<b>100</b>	<b>82,162.00</b>	<b>100%</b>	

Source: MPDO

**Map 26: Proposed General Land Use Map**





## **Forest Area**

Forest land of San Fernando which dominates the municipality will be decreased from 72,665.03 hectares to 70,097.37 hectares which accumulates around 85.32% of the total land area of the municipality. The existing forest land in the highly elevated area of 21,725.80 hectares is maintained, protected and preserved while the production forest zone which are hilly and mountainous will be required to be planted with trees especially those areas intended for commercial purposes.

## **Agricultural Area**

There will be a slight decreased of agricultural production area comprising 300.14 hectares reduction due to reclassification of agri-land into other uses such as establishment of growth nodes/centers, market, institutional facilities and some other urban uses. On the other hand, agricultural protection will be increased from 1,970 to 3,661 hectares. The additional area is derived from the conversion of forest production to agricultural production due to suitability of location for crop production. This area shall be properly preserved and managed to increase the productivity of the farmers in order to have a steady supply of agricultural products in the municipality and in the province in general.

## **Water Use**

Existing inland area intended for mineral/quarry purposes was not identified in the previous year but it was incorporated in the forest land. In the next planning years, there will be an accumulation of 400 hectares cited for quarry and mineral resources. Inland areas will increased from 891 to 1,064.65 hectares due to development of easements and buffer along waterways. Included in this area are the fishing sites distributed in all barangays identified with inland surfaces. The Municipal Agriculture Office identified areas which are suitable for fish production and at the same time will be part of the basis of implementing programs regarding the provision of livelihood assistance.

## **Agri-industrial/Industrial Area**

Concreted national road networks had brought so much advantage in the delivery of demand of agri-industrial products throughout the municipality and in the province. Convenience of transportation had uplift the farmers to work hard and enhance their capability to contribute to the economic growth of San Fernando. Traditional industries like bamboo crafts and furnitures had made their export transportation as easy as their products are properly delivered to other places for market purposes. The increase of area from 9 hectares to 26.15 hectares will be catered for new agri-industrial establishments like rice mill and corn mill. Existing milling establishments which located in the area not intended for industrial uses will be relocated to designated industrial area as planned to avoid public destruction and disturbance especially in the concentrated area.

## **Residential Area**

Due to projected increase in households of the municipality, residential area will increase from 199.86 hectares to 223.97 hectares to cater the future growth of population. These areas are expected to sprout around the proposed growth nodes/centers along the major transportation routes such as the national road since the municipality of San Fernando is a travel way from Valencia City to several municipalities of Davao del Norte

## **Socialized Housing Area**

The priority of establishing socialized housing is to cater families located in danger/ hazard-prone areas, informal settlers and rebel returnees. The existing 7.96 hectares of these government housing projects were distributed to four barangays namely: Halapitan, Little Baguio, Kibongcog and Iglugsad. This area will increase to 31.64 hectares due to expected population growth. It includes the expansion of socialized housing project at the urban barangay of Halapitan which allocates total area of 3 hectares. Other housing proposals of one hectare each will be located at barangays Kalagangan, San Jose and Sacramento Valley. The remaining area will be catered by

the proposed housing subdivision of a private land developer located at barangay Mabuhay and Nacabuklad.

### **Commercial Area**

From 20.21 hectares of existing commercial area, it will be increased to 102.50 hectares due to the rapid increase of commercial establishments in the urban core and the proposed establishment of new municipal public market and its open space and new military camp to be located at Sitio Tubuyahay of Barangay Halapitan

### **Institutional Area**

The proposed location of one-hectare area for Bukidnon State University for college students is included in the increase of land accumulation of institutional area from 105.73 hectares to 114.28 hectares. Other land proposal intended for institutional facilities are distributed in several barangays especially in the establishment of public schools including indigenous people's schools

### **Park and Open Spaces**

Park and open spaces will increase from 24.87 hectares to 63 hectares. Each barangays will have 2.5 hectares intended for park and open space/plaza to cater recreational and other related activities.

### **Infrastructure and Utilities**

The total area of the infrastructure and utilities will increase from 331.64 hectares to 346.68 hectares, this will include the proposed widening of the national road traversing from Valencia City to Talaingod Davao del Norte and the proposed road opening of travel way from San Fernando to Buhangin Davao City. Provincial road traversing San Fernando to Cabanglasan and Agusan Sur will be converted to national road. Road network in the municipality will remain with no increase in the area. Concreting of barangay road networks will be part of the prioritizations to ensure convenience transportation of agricultural products and other related economic activities. Proposed relocation of public bus terminal near proposed public market in Sitio Malantao of barangay Halapitan is also part of the plan development.

### **Tourism Site**

The proposed area for tourism in the municipality will increase from 28.82 to 130.82 hectares designated within the existing sites and its expansion. Natural eco-tourism sites dominates the area. Development includes the proposed construction of hotel-apartelle located inside the river-view man-made eco-tourism and adventure park in the urban center of Halapitan that will cater the stay of tourists in the municipality. There is also a proposed establishment of man-made tourism over-view located at barangay Sacramento Valley along the national highway. Budget allocation for the development of tourist attraction sites in San Fernando will be prioritized in order to attain income generation that will help increase municipal revenues.

### **Cemetery**

Those barangays which don't have cemetery will be included in the proposal of utilizing one-hectare land and those barangays which have already existing cemetery will be having a proposed expansion of one-hectare land for cemetery. This has increase the utilization from 11.8 to 32.26 hectares.

### **Cockpit**

There is no expansion of a privately owned cockpit in the municipality which located in Sitio Palao of barangay Halapitan.

### **Slaughter**

Due to dilapidated facilities in the old public slaughter house in the urban center of Halapitan, the LGU had proposed a construction of new slaughter facility located near the proposed new municipal public market. The area decreased from 0.30 to 0.27 hectare.

### **Tree Park**

A proposal of utilizing a five-hectare tree park each throughout the 24 barangays will be strictly enforced to realize the greening program totalling an area of 120 hectares. Location must be near the water source according to the Municipal Environment and Natural Resources Officer (MENRO).

**Table 1.37**  
**Proposed General Land Uses**  
**San Fernando, Bukidnon**  
**2028**

BARANGAY	Settlements					Sub - Total	Agricultural		Agri-Indus	Sub-Total	Forest		Sub - Total	Tourism	Cem-tery	Cock-pit	Land Fill	Slau-gther	Tree Park	ISF/ CBFMA	GRAND TOTAL
	Res.	Com.	Institu-tional	PP/ OS	Infra.		Produc-tion	Protec-tion			Produc-tion	Protec-tion									
<b>Urban</b>																					
1. Halapitan	62.75	34.47	21.75	63.56	44.80	227.33	696.69	570.00	4.41	1,271.10	40.00	37.60	77.60	0.89	3.75	1.00	2.76	0.27	5.00	4,572.40	6,162.10
<b>Urbanizing</b>																					
1. Candelaria	6.20	1.77	3.18	9.77	1.37	22.29	156.85	430.00	0.63	587.48	115.5	795.15	910.68	1.00				5.00	1,430.22	2,956.67	
2. Kalagangan	22.07	20.24	7.32	28.37	23.62	101.62	248.64	100.00	3.81	352.45	3,559.22	1,112.50	4,671.72	30.00	1.71			5.00		5,162.50	
3. Little Baguio	13.45	7.27	3.52	7.89	9.77	41.90	664.75	320.00	2.18	986.93	310.98	45.77	356.75	20.00	1.52			5.00	1,435.40	2,847.50	
4. Mabuhay	22.09	9.57	1.84	14.93	13.74	62.17	224.61	120.00	1.90	346.51	288.67	62.18	350.85		1.20			5.00		765.73	
5. Nacabuklad	10.98	3.83	3.03	18.59	30.82	67.25	667.67	120.00	4.99	792.66	139.88	1,912.24	2,052.12	20.00	1.00			5.00	3,576.14	6,514.17	
6. Namnam	23.97	15.44	6.60	20.32	35.05	101.38	55.41	470.00	3.93	529.34	671.09	405.20	1,076.29	20.00	2.90			5.00	2,322.59	4,057.50	
7. Sac. Valley	5.67	3.62	1.60	4.40	7.27	22.56	99.96	40.00	0.83	140.79	256.86	130.72	387.58	30.00	1.00			5.00	1,734.74	2,321.67	
Sub total	104.43	61.74	27.09	104.27	121.64	419.17	2,117.89	1,600.00	18.27	3,736.16	5,342.23	4,463.76	9,805.99	120.00	10.33	0	0	0	35.00	10,499.09	24,625.74
<b>Rural</b>																					
1. Bonacao	5.50	0.20	2.91	2.50	21.71	32.82	55.00	200.00	0.36	255.36	238.17	55.00	293.17	1.98				5.00	922.50	1,510.83	
2. Bulalang	1.50	0.08	2.00	2.50	9.00	15.08	70.00	7.00	0.20	77.20	1,276.72	750.00	2,026.72	1.00				5.00		2,125.00	
3. Cabuling	2.97	0.17	4.00	2.50	6.00	15.64	289.09	30.00	0.14	319.23	396.67	2,031.63	2,428.30	1.00				5.00		2,769.17	
4. Cayaga	7.18	0.18	5.45	2.50	18.00	33.31	457.59	40.00	0.30	497.89	5,611.97	750.00	6,361.97	1.00				5.00		6,899.17	
5. Dao	3.24	0.95	0.54	2.50	8.00	15.23	85.00	5.00	0.25	90.25	1,051.02	4,450.00	5,501.02	1.00				5.00		5,612.50	
6. Durian	4.00	0.75	4.00	2.50	9.00	20.25	220.00	20.00	0.47	240.47	574.11	1,617.50	2,191.61	1.00				5.00		2,458.33	
7. Iglugsad	7.50	1.30	2.27	2.50	6.70	20.27	392.33	154.00	0.45	546.78	548.48	1,220.00	1,768.48	1.47				5.00	1,047.17	3,389.17	
8. Kawayan	14.20	0.20	4.93	2.50	9.00	30.83	313.01	435.00	0.10	748.11	690.33	370.00	1,060.33	1.23				5.00	2,155.32	4,000.82	
9. Kibongcog	6.61	0.09	2.50	2.50	11.80	23.50	120.00	5.00	0.39	125.39	3,143.76	3,250.00	6,393.76	1.00				5.00	500.52	7,049.17	
10. Magkalungay	2.50	0.22	5.00	2.50	12.30	22.52	240.00	120.00	0.10	360.10	191.88	350.00	541.88	10.00	1.00			5.00	496.17	1,436.67	
11. Malayanan	5.10	0.18	5.71	2.50	9.00	22.49	782.99	20.00	0.05	803.04	688.79	105.20	793.99	1.31				5.00		1,625.83	
12. Matupe	3.00	0.18	4.00	2.50	14.00	23.68	335.10	25.00	0.25	360.35	1,591.64	1,150.00	2,741.64	1.00				5.00		3,131.67	
13. Palapacan	3.10	0.34	6.25	2.50	11.00	23.19	162.98	120.00	0.06	283.04	2,030.27	450.00	2,480.27	1.00				5.00		2,792.50	
14. San Jose	6.56	0.20	1.88	2.50	11.00	22.14	148.83	90.00	0.05	238.88	1,911.31	450.00	2,361.31	1.00				5.00		2,628.33	
15. Sto. Domingo	7.00	0.50	5.36	2.50	8.73	24.09	117.00	120.00	0.10	237.10	1,291.14	315.00	1,606.14	1.00				5.00		1,873.33	
16. Tugop	8.47	0.75	8.63	2.50	15.00	35.35	459.90	100.00	0.20	560.10	290.02	20.00	310.02	1.20				5.00	1,160.00	2,071.67	
Sub total	88.43	6.29	65.44	40.00	180.24	380.40	4,248.82	1491.00	3.47	5,743.29	21,526.28	17,334.33	38,860.61	10.00	18.18	0	0	0	80.00	6,281.68	51,374.16
<b>TOTAL</b>	255.61	102.50	114.28	207.83	346.68	1,096.90	7,063.40	3,661.00	26.15	10,750.55	26,908.51	21,835.69	48,744.20	130.89	32.26	1.00	2.76	0.27	120.00	21,353.17	82,162.00

Source: MPDO

**Table 1.38**  
**Comparative of Existing and Proposed General Land Uses by Urban and Rural**  
**San Fernando, Bukidnon**  
**2018 and 2028**

Land Use Category	Existing (2018)	Proposed (2028)	Increase/ Decrease
<b>Settlements</b>			
Urban	97.14	227.33	130.19
Urbanizing	248.97	419.17	170.20
Rural	344.17	380.40	36.23
<b>Sub-total</b>	<b>690.28</b>	<b>1,096.90</b>	<b>336.62</b>
<b>Agri-industrial</b>			
Urban	1.18	4.41	3.24
Urbanizing	3.39	18.27	14.88
Rural	4.43	2.68	(-0.96)
<b>Sub-total</b>	<b>9.00</b>	<b>26.15</b>	<b>17.15</b>
<b>Agricultural</b>			
<i>Production</i>			
Urban	1,148.05	696.69	(-451.36)
Urbanizing	2,309.59	2,117.89	(-191.15)
Rural	3,327.05	4,248.82	921.77
<b>Sub-total</b>	<b>6,784.69</b>	<b>7,063.40</b>	<b>279.26</b>
<i>Protection</i>			
Urban	250.00	570.00	320.00
Urbanizing	685.00	1,600.00	915.00
Rural	1,035.00	1,491.00	456.00
<b>Sub-total</b>	<b>1,970.00</b>	<b>3,661.00</b>	<b>1,691.00</b>
<b>Sub-total</b>	<b>8,754.69</b>	<b>10,724.40</b>	<b>1,970.26</b>
<b>Forest</b>			
<i>Production/ ISF/ CBFMA</i>			
Urban	4,612.40	4,612.40	(-10.00)
Urbanizing	17,161.80	15,841.32	(-1,320.48)
Rural	29,155.03	27,807.96	(-1,347.07)
<b>Sub-total</b>	<b>50,939.23</b>	<b>48,261.68</b>	<b>(-2,677.55)</b>
<i>Protection</i>			
Urban	37.60	37.60	37.60
Urbanizing	4,195.50	4,463.76	268.26
Rural	17,492.70	17,334.33	(-158.37)
<b>Sub-total</b>	<b>21,725.80</b>	<b>21,835.69</b>	<b>109.89</b>
<b>Sub-total</b>	<b>72,665.03</b>	<b>70,097.37</b>	<b>(-2,567.66)</b>
<b>Special Use</b>			
Cemetery	11.18	32.26	20.53
Cockpit	1.00	1.00	1.00
Tourism	28.82	130.89	102.07
Slaughter	0.30	0.27	(-0.03)
Dumpsite/Landfill	1.70	2.76	1.06
Tree Park	-	120	120
<b>Sub-total</b>	<b>43.00</b>	<b>287.18</b>	<b>244.18</b>
<b>Total</b>	<b>82,162.00</b>	<b>82,162.00</b>	

Source: MPDO

### Urban and Urbanizing Land Uses

There is only one urban area in San Fernando, the barangay Halapitan, the urban core of the municipality but there are seven urbanizing barangays identified due to some urban activities that are present in these areas. These eight barangays allocates 30,787.84 hectares or around 37.47% of the total land of the municipality.

The description plan development in the urban and urbanizing land use category is the same as stated in the general land use category. What makes it different is that there are categories of land uses which are only existed in urban area such as area utilized for cockpit, dumpsite and slaughter. Table 1.38 enumerates the comparable of categorized areas allocated in year 2018 and will be utilized in the next 10 years for plan development.

**Table 1.39**  
**Comparative of Existing and Proposed Urban and Urbanizing Land Uses**  
**San Fernando, Bukidnon**  
**2018 and 2028**

Urban and Urbanizing Land Use Category	Area (in ha.) 2018	Percent to Total	Area (in ha.) 2028	Percent to Total	Increase/ Decrease
<b>Settlement</b>					
Residential	126.92	0.41	135.54	0.44	8.63
Commercial	16.35	0.05	96.21	0.31	79.86
Institutional	40.29	0.13	48.84	0.16	8.55
Park and Open Space/ Easement	11.15	0.04	122.85	0.40	111.70
Infrastructure	151.40	0.49	166.44	0.54	15.04
Socialized Housing	6.46	0.02	31.64	0.10	25.18
<b>Sub-total</b>	<b>352.57</b>	<b>1.15</b>	<b>601.52</b>	<b>1.95</b>	<b>248.96</b>
<b>Agricultural</b>					
Protection	935.00	3.04	2,170.00	7.05	1,235.00
Production	3,457.64	11.23	2,627.56	8.53	(-829.53)
<b>Sub-total</b>	<b>4,392.64</b>	<b>14.27</b>	<b>4,797.56</b>	<b>15.58</b>	<b>405.47</b>
<b>Agri-industrial/Industrial</b>					
<b>Agri-industrial/Industrial</b>	<b>4.57</b>	<b>0.01</b>	<b>22.68</b>	<b>0.07</b>	<b>18.11</b>
<b>Forest</b>					
Protection	4,233.10	13.75	4,501.36	14.62	268.26
Production	21,672.65	70.39	20,453.72	66.43	(-1,218.93)
<b>Sub-total</b>	<b>25,905.75</b>	<b>84.14</b>	<b>24,955.08</b>	<b>81.05</b>	<b>(-950.67)</b>
<b>Water Use</b>					
Inland	105.65	0.34	132.00	0.43	26.35
Mineral/Quarry	-		100.00	0.32	100.00
<b>Sub-total</b>	<b>105.65</b>	<b>0.34</b>	<b>232.00</b>	<b>0.75</b>	<b>126.35</b>
<b>Special Uses</b>					
Tourism	18.82	0.06	120.89	0.39	102.07
Cemetery	5.40	0.02	14.08	0.05	8.68
Cockpit	1.0	0.003	1.00	0.003	0
Dumpsite	1.70	0.006	2.76	0.009	1.06
Slaughter House	0.30	0.001	0.27	0.001	(-0.03)
Tree Park	--		40.00	0.13	40.00
<b>Sub-total</b>	<b>27.22</b>	<b>0.09</b>	<b>179.00</b>	<b>0.58</b>	<b>151.78</b>
<b>Total</b>	<b>30,787.84</b>	<b>100</b>	<b>30,787.84</b>	<b>100</b>	

Source: MPDO

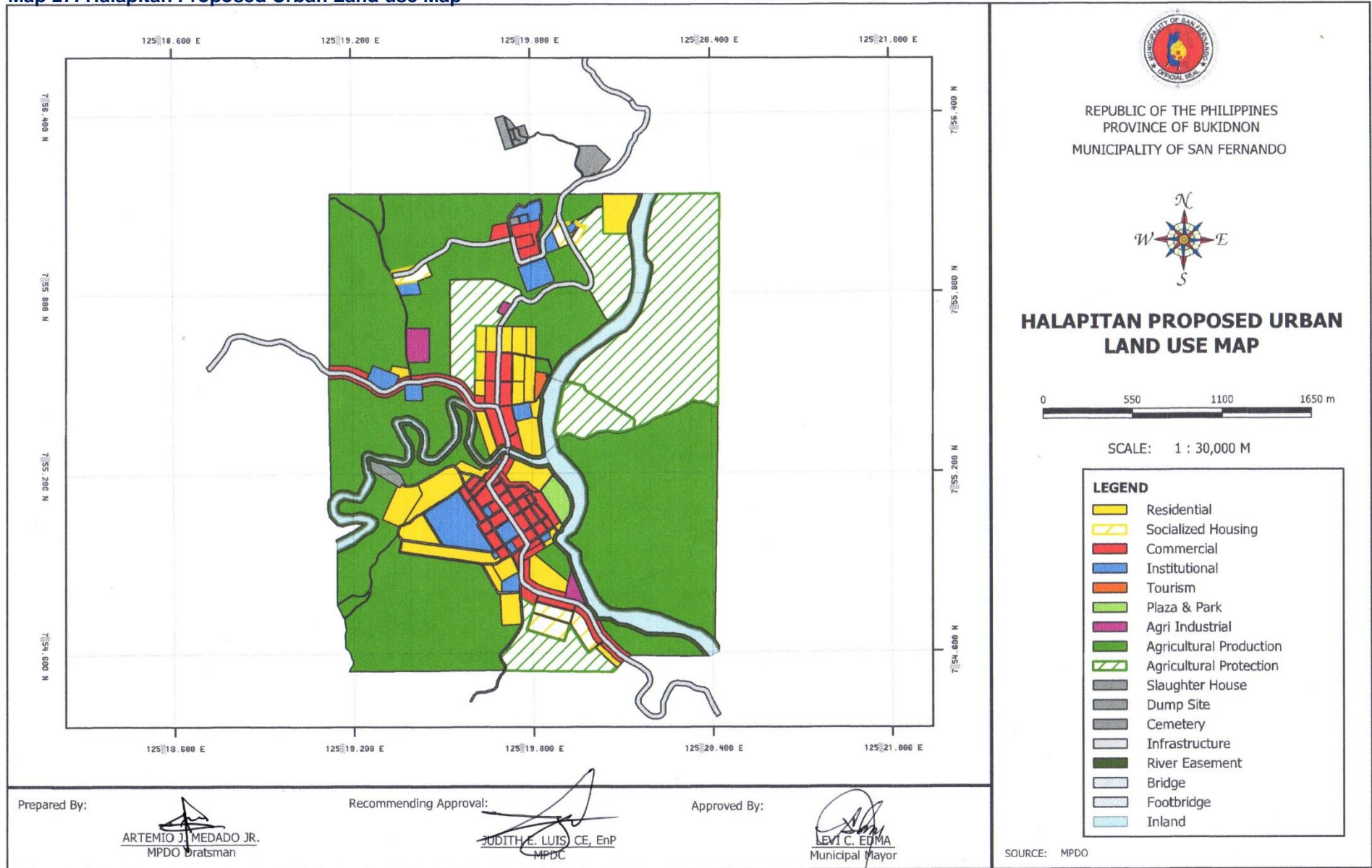
**Table 1.40**  
**Proposed Urban and Urbanizing Land Uses by Barangay**  
**San Fernando, Bukidnon**  
**2028**

LAND USES	URBAN		URBANIZING								GRAND TOTAL
	Halapitan	Sub-Total	Candelaria	Kalagangan	Little Baguio	Mabuhay	Nacabuklad	Namnam	Sac. Valley	Sub-total	
Residential	48.98	<b>48.98</b>	6.20	22.07	9.74	8.80	10.11	23.97	5.67	<b>86.56</b>	<b>135.54</b>
Commercial	34.47	<b>34.60</b>	1.77	20.24	7.27	9.57	3.83	15.44	3.62	<b>61.74</b>	<b>96.21</b>
Institutional	21.43	<b>21.43</b>	3.18	7.32	3.52	1.84	3.03	6.60	1.60	<b>27.09</b>	<b>48.84</b>
Agri-Industrial	4.41	<b>4.41</b>	0.63	3.81	2.18	1.90	4.99	3.93	0.83	<b>18.27</b>	<b>22.68</b>
Parks/ Playground	30.96	<b>30.97</b>	9.77	28.37	7.89	14.93	6.21	20.32	4.40	<b>91.89</b>	<b>122.85</b>
Inland	32.60	<b>32.60</b>	5.08	44.06	1.53	13.40	12.38	22.26	0.69	<b>99.40</b>	<b>132.00</b>
Mineral Land	-	-	-	100.00	-	-	-	-	-	-	<b>100.00</b>
Tourism	0.89	<b>0.89</b>	-	30.00	20.00	-	20.00	20.00	30.00	<b>120.00</b>	<b>120.89</b>
Infrastructure	44.80	<b>44.80</b>	1.37	23.62	9.77	13.74	30.82	35.05	7.27	<b>121.64</b>	<b>166.44</b>
Cemetery	3.75	<b>3.75</b>	1.00	1.71	1.52	1.20	1.00	2.90	1.00	<b>10.33</b>	<b>14.08</b>
Cockpit	1.00	<b>1.00</b>	-	-	-	-	-	-	-	-	<b>1.00</b>
Socialized Housing	13.77	<b>8.80</b>	-	-	3.71	13.29	0.87	-	-	<b>17.87</b>	<b>31.64</b>
Slaughterhouse	0.27	<b>0.27</b>	-	-	-	-	-	-	-	-	<b>0.27</b>
Dump Site	2.76	<b>2.76</b>	-	-	-	-	-	-	-	-	<b>2.76</b>
Tree park	5.00	<b>5.00</b>	5.00	5.00	5.00	5.00	5.00	5.00	5.00	<b>35.00</b>	<b>40.00</b>
<b>Agricultural</b>											
<i>Production</i>	696.69	<b>701.84</b>	151.77	104.58	663.22	211.21	667.67	33.15	99.27	<b>1,930.87</b>	<b>2,649.52</b>
<i>Protection</i>	570.00	<b>570.00</b>	430.00	100.00	320.00	120.00	120.00	470.00	40.00	<b>1,600.00</b>	<b>2,170.00</b>
<b>Forest</b>											
<i>Production</i>	4,612.40	<b>4,612.40</b>	1,545.75	3,559.22	1,746.38	288.67	3,716.02	2,993.68	1,991.60	<b>15,841.32</b>	<b>20,453.72</b>
<i>Protection</i>	37.60	<b>37.60</b>	795.15	1,112.50	45.77	62.18	1,912.24	405.20	130.72	<b>4,463.76</b>	<b>4,501.36</b>
<b>TOTAL</b>	<b>6,162.10</b>	<b>6,162.10</b>	<b>2,956.67</b>	<b>5,162.50</b>	<b>2,847.50</b>	<b>765.73</b>	<b>6,514.17</b>	<b>4,057.50</b>	<b>2,321.67</b>	<b>24,625.74</b>	<b>30,787.84</b>
	20.01%		9.60%	16.77%	9.25%	2.49%	21.16%	13.18%	7.54%		

Source: MPDO

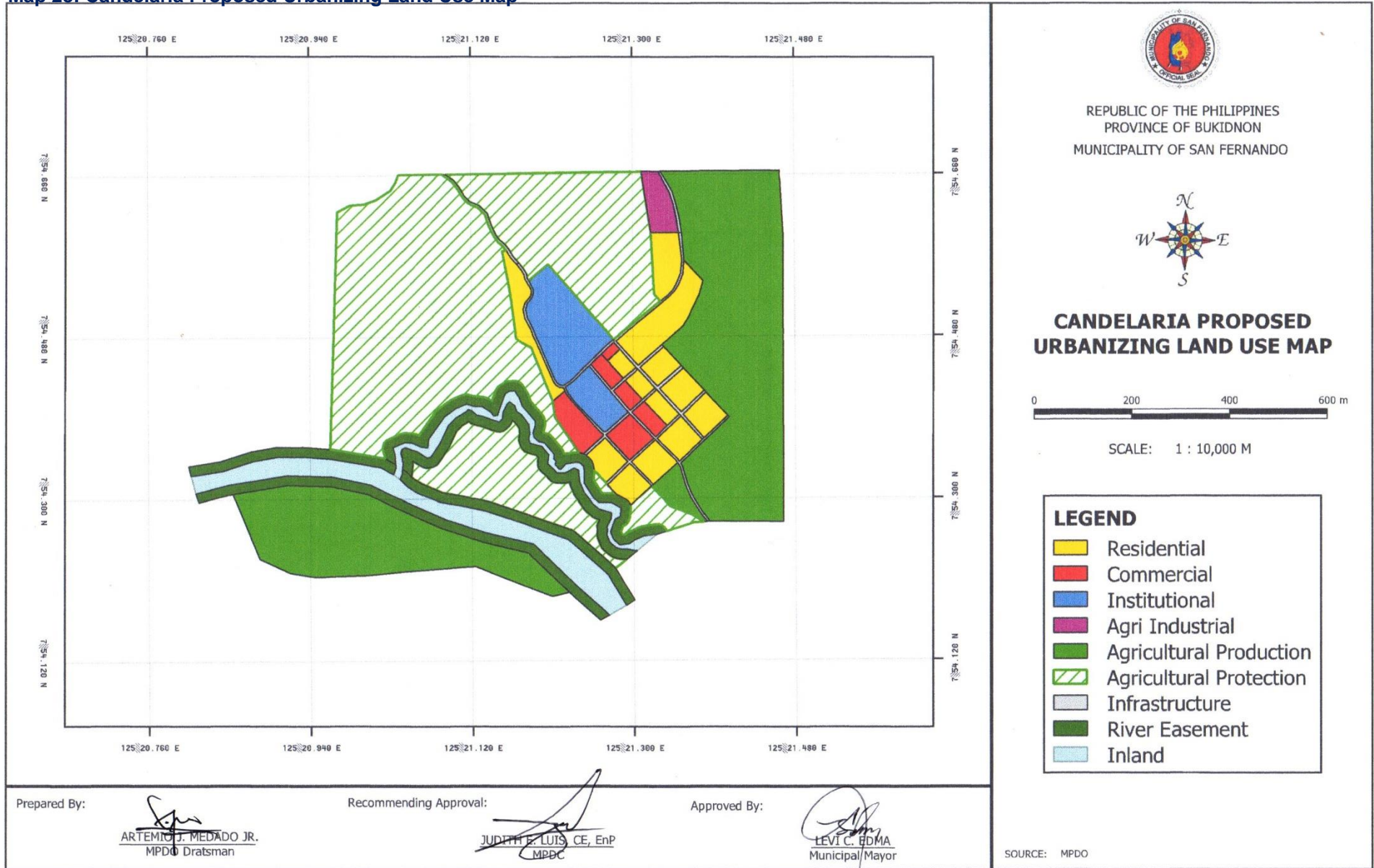
The following Maps (Map 27, 28, 29, 30, 31, 32, 33, 34) shows the proposed classification of urban and urbanizing land use to be utilized for development for the planning year 2019-2028.

**Map 27: Halapitan Proposed Urban Land use Map**

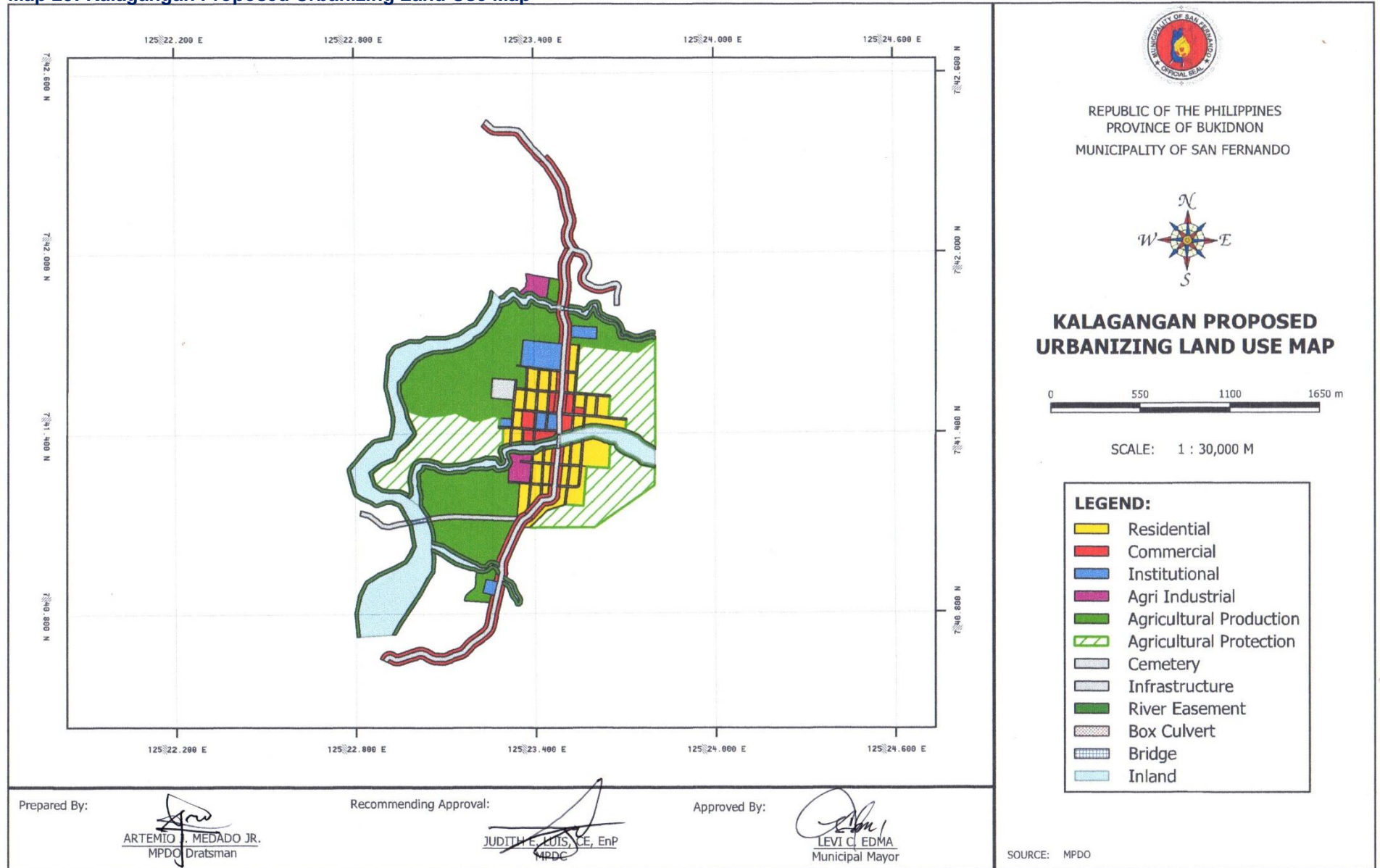




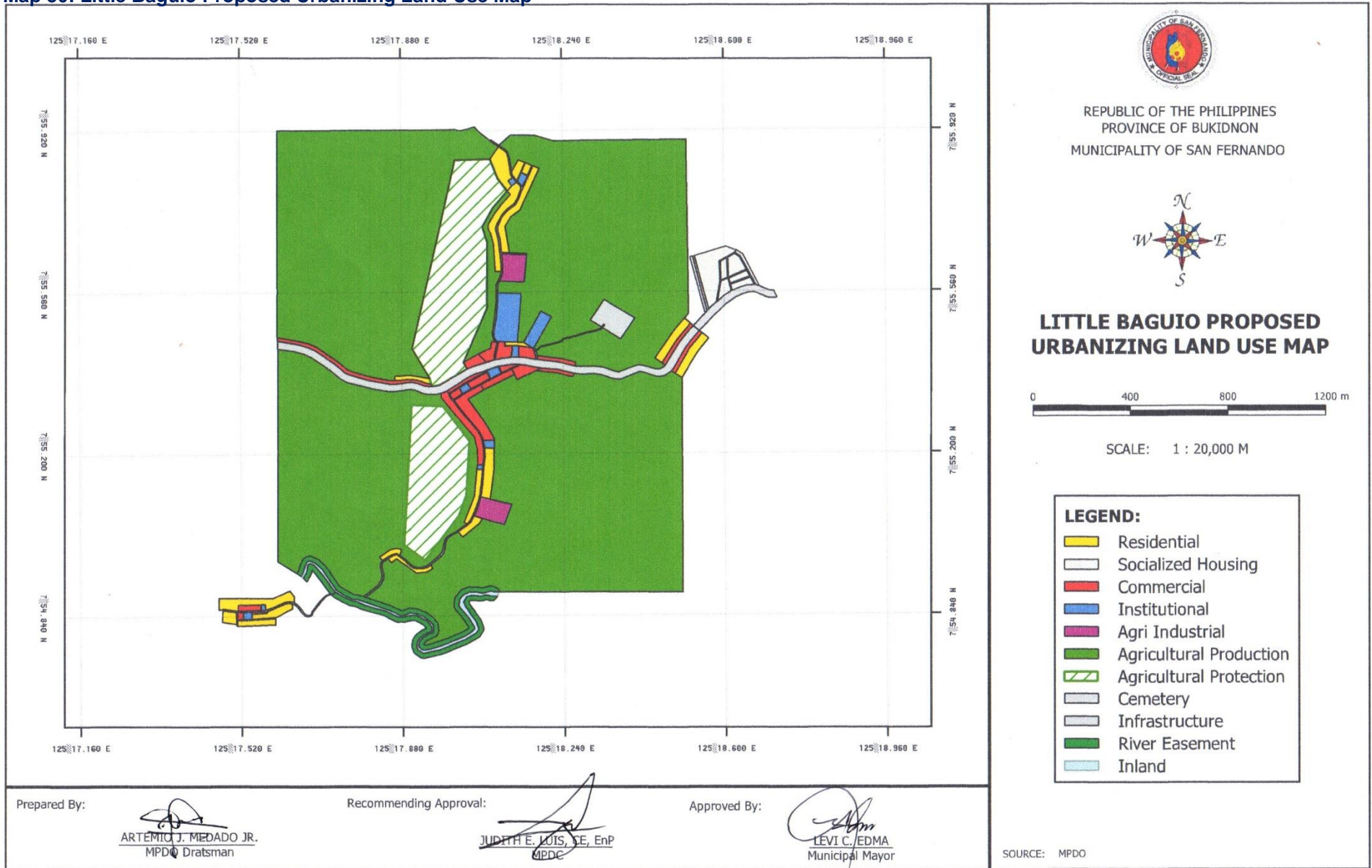
**Map 28: Candelaria Proposed Urbanizing Land Use Map**



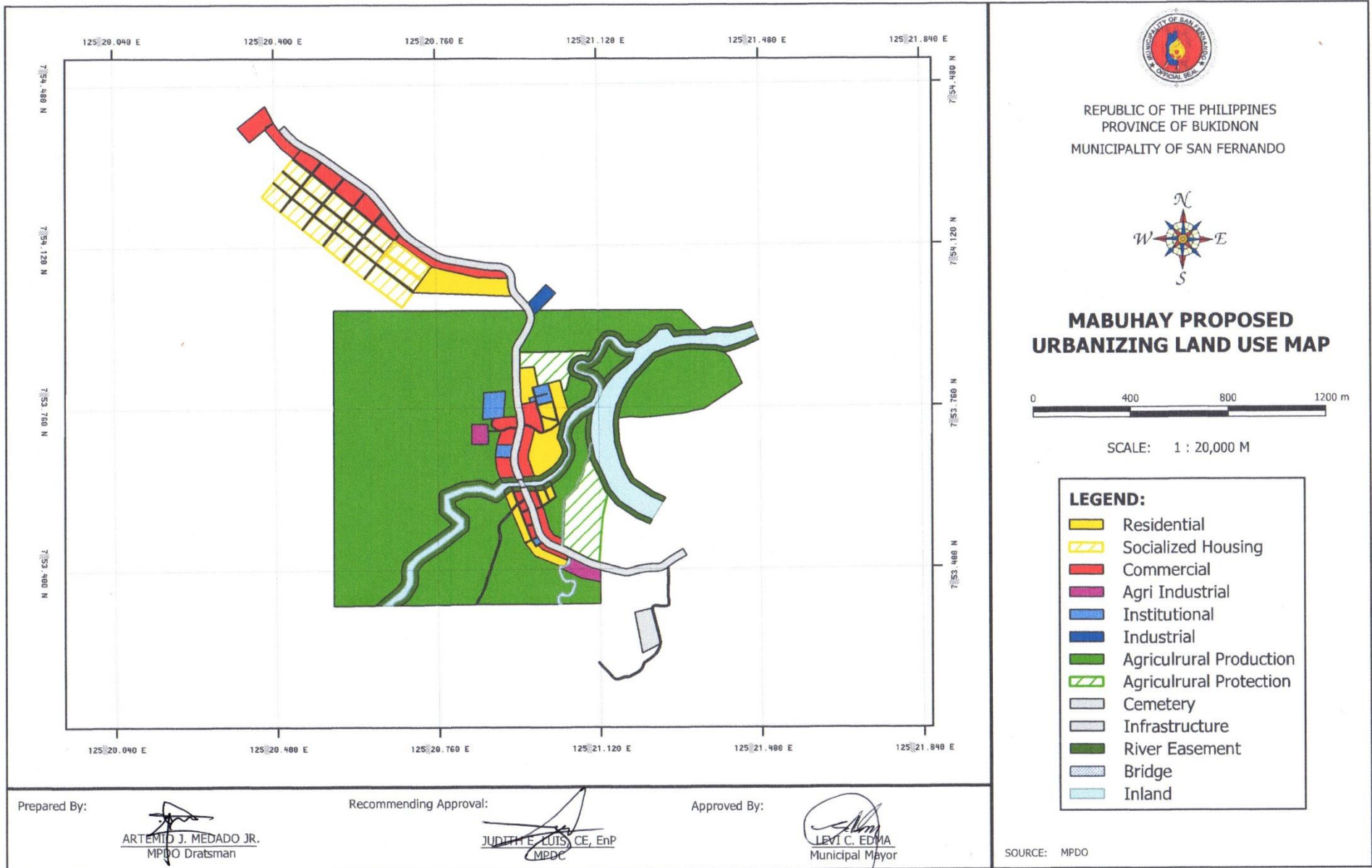
**Map 29: Kalagangan Proposed Urbanizing Land Use Map**



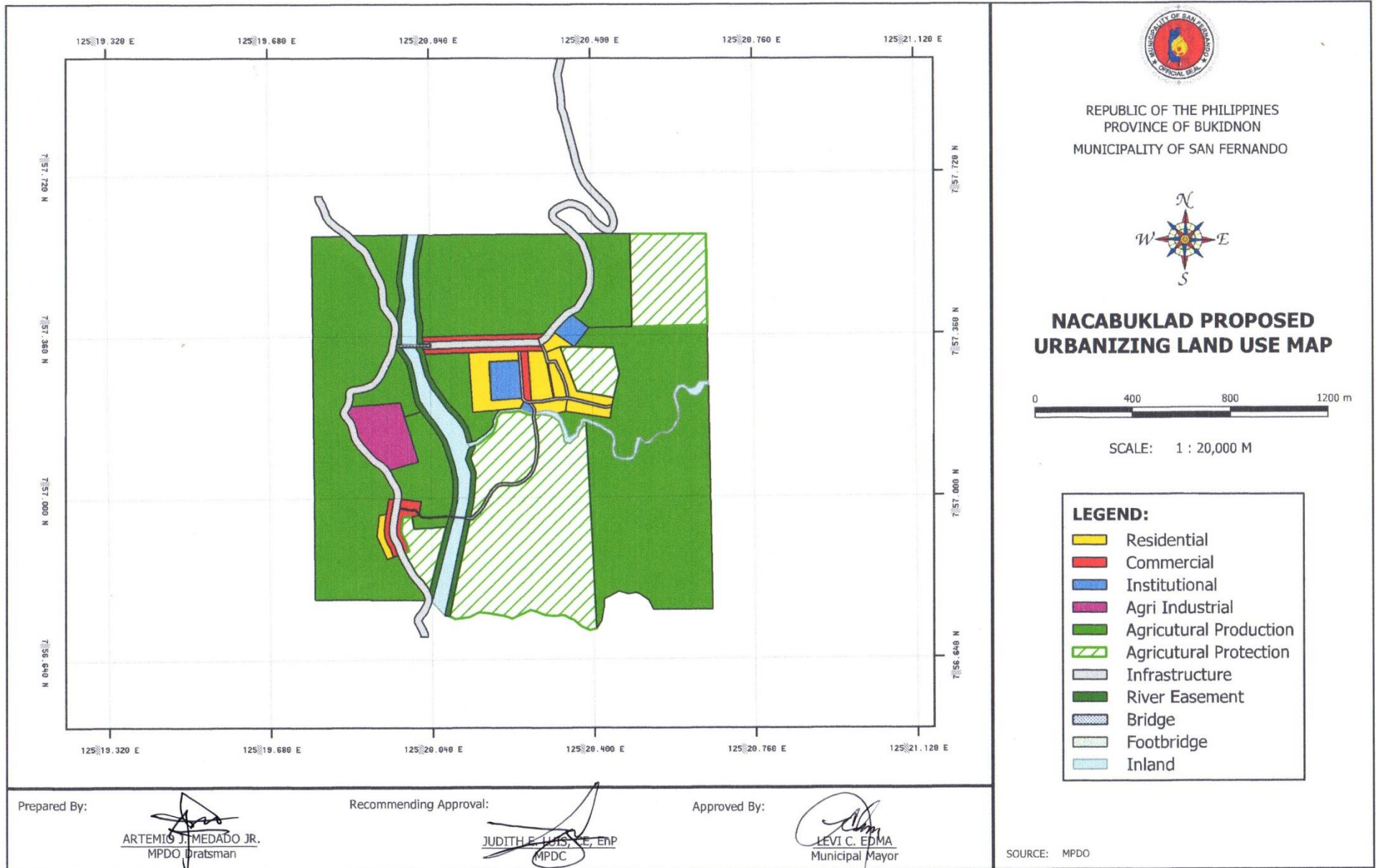
**Map 30: Little Baguio Proposed Urbanizing Land Use Map**



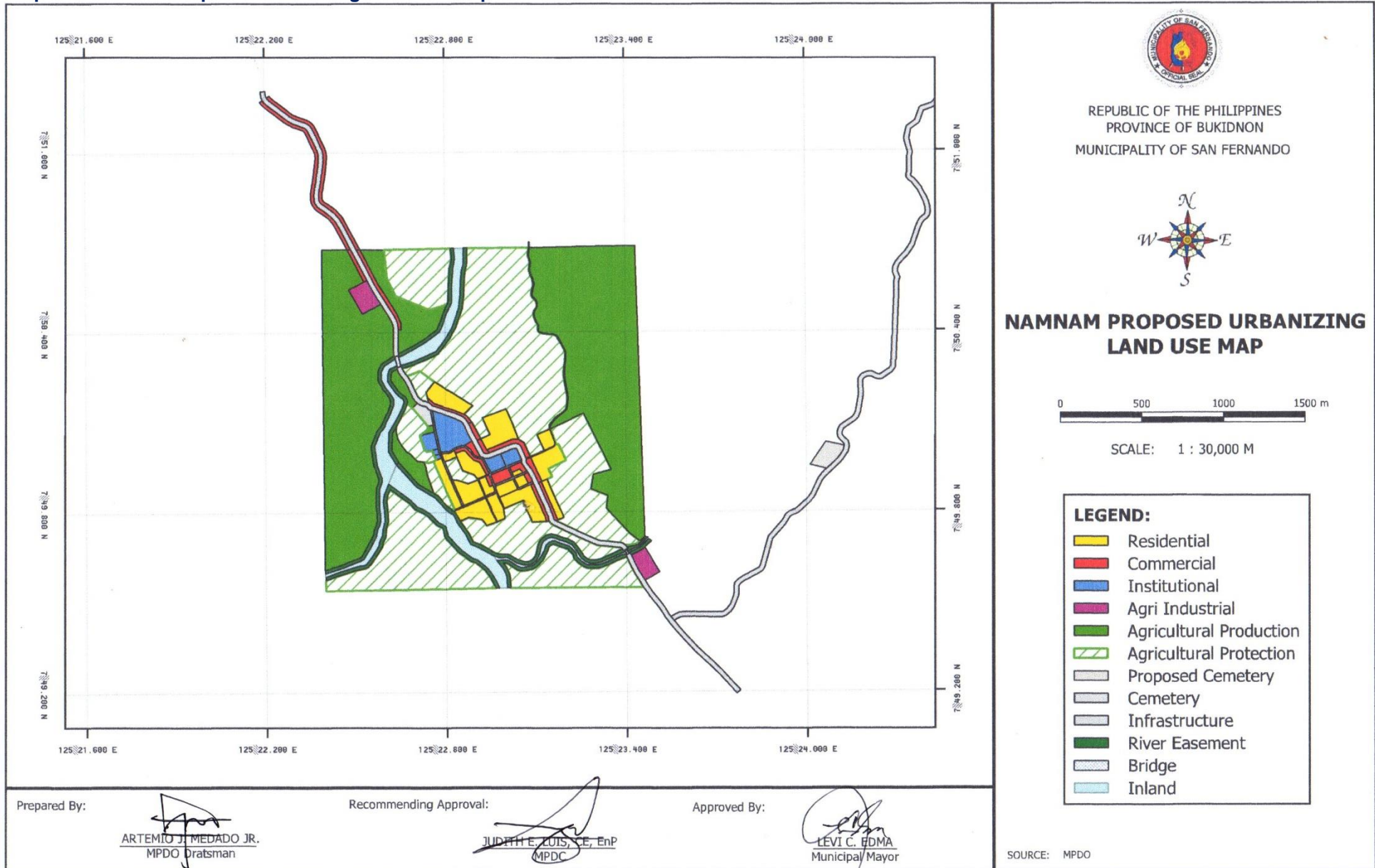
**Map 31: Mabusay Proposed Urbanizing Land Use Map**



**Map 32: Nacabuklad Proposed Urbanizing Land use Map**




**Map 33: Namnam Proposed Urbanizing Land use Map**




**Map 34: Sacramento Valley Proposed Urbanizing Land Use Map**



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 MPDC

Approved By:  
  
 LEVI C. EDMA  
 Municipal Mayor

SOURCE: MPDO

# 3

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# LOCAL GOVERNANCE

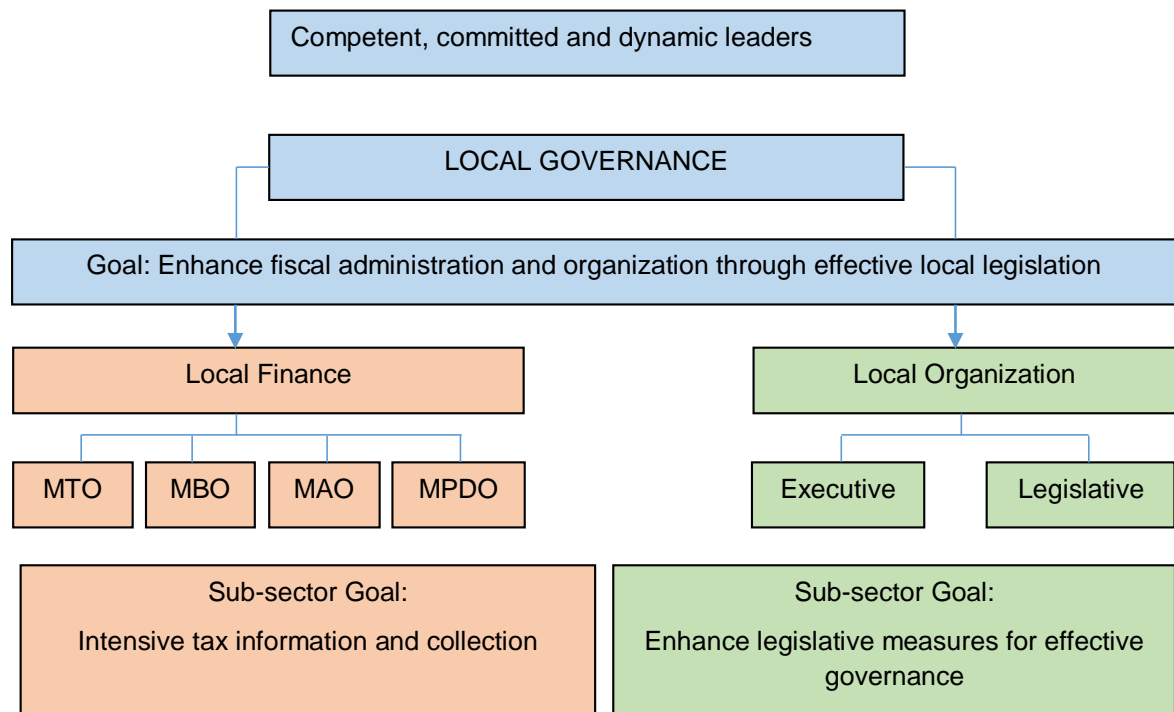
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### 3.1 MAJOR SECTOR GOAL

Enhance fiscal administration and organization through effective local legislation and strong execution.

### 3.2 MAJOR SECTOR SWOT MATRIX

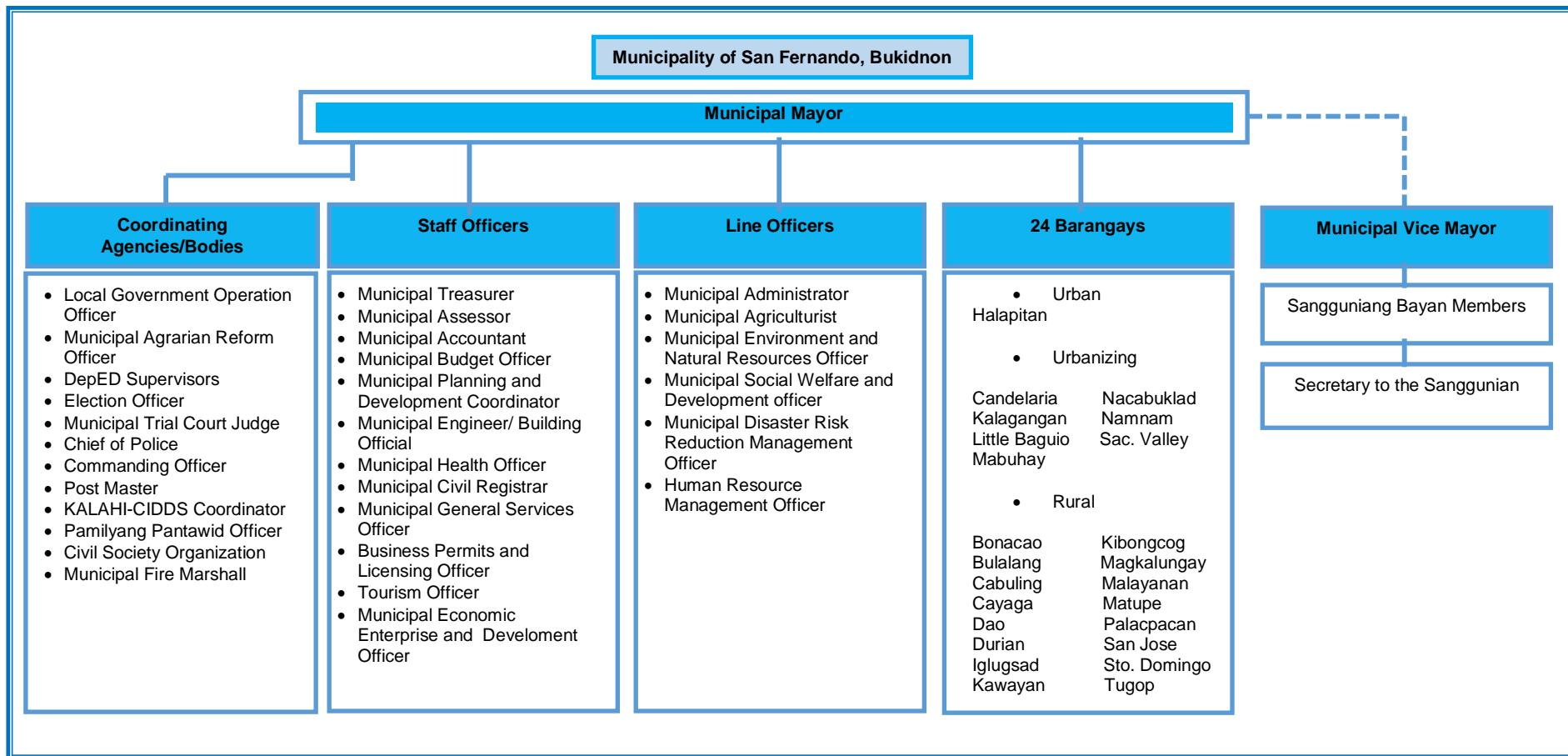


## 3.3 SUB-SECTOR STUDIES

### 3.3.1 LOCAL ORGANIZATION

#### A. Organizational Structure

Figure 1.1: Organizational Structure of the Municipality



The Municipality of San Fernando is administered by the Municipal Mayor together with the Vice Mayor and the Sangguniang Bayan. The Mayor is the Local Chief Executive Officer of the municipality while the Sangguniang Bayan (SB) serves as the local legislative arm as mandated by the Local Government Code of the Philippines of 1991.

As shown in Figure 1.1, under the Mayor's Office are the Staff offices, Line Offices, Coordinating Agencies/Bodies and the 24 barangays which are mandated to deliver the basic social services to the inhabitants of the municipality. Staff officers include Municipal Treasurer, Municipal Accountant, Municipal Assessor, Municipal Budget Officer, Municipal Planning and Development Coordinator, Municipal Engineer/Building Official, Municipal Health Officer, Municipal Civil Registrar, Municipal General Services Officer, Business Permits and Licensing Officer, Tourism Officer and Municipal Economic Enterprise and Development Officer. Line officers which were appointed by the Municipal Mayor is compose of Municipal Administrator, Municipal Agriculturist, Municipal Environment and Natural Resources Officer, Municipal Social Welfare and Development Officer, Municipal Disaster Risk and Reduction Management Officer, and Human Resource Management Officer.

Coordinating agencies and/or bodies assist the local chief executive to help develop the organization's workforce to efficiently and effectively respond to the challenges and changes in public services. San Fernando has 24 barangays headed by a Barangay Captain together with seven Sangguniang Pambarangay Members. The Sangguniang Bayan is headed by the Vice Mayor, acting as its presiding officer, and seven (7) Sangguniang Bayan Councilors. They formulate laws and ordinances relevant to the municipality.

Tourism, slaughter, water system and market management are supervised under the Economic Enterprise Office while solid waste and municipal public cemetery is managed by the Municipal Environment and Natural Resource Officer. The LGU of San Fernando has only nine or around 13% first level eligible personnel from different offices while second level eligible personnel recorded to 62 employees or 87% of the total wherein health office dominate the counts with 18 individuals. (See Table 1.41).

**Table 1.41**  
**List of Personnel by Eligibility Level Status**  
**Municipality of San Fernando**  
**2018**

Office	First Level	Second Level	Total
Municipal Mayor's Office	1	3	4
Municipal Administrator		1	1
Sangguniang Bayan		4	4
Human Resource Management Office		2	2
Municipal Planning and Development Office	2	2	4
Local Disaster Risk Reduction and Management Office		3	3
Municipal Civil Registrar	1	1	2
Municipal Environment and Natural Resources		1	1
Municipal Budget Office		2	2
Municipal Accounting Office		3	3
Municipal Treasurer's Office	1	6	7
Municipal Assessor's Office		2	2
Municipal Engineering Office	3	3	6
Municipal Health Office		18	18
Municipal Agriculture Office		6	6
Municipal Social Welfare and Development Office		3	3
Municipal General Services Office		1	1
Economic Enterprise	1	1	2
<b>Total</b>	<b>9</b>	<b>62</b>	<b>71</b>
<b>Percent to total</b>	<b>13%</b>	<b>87%</b>	

Source: Human Resource Management Office

Regular employees are mostly college graduates which accounts to 72 personnel or 69% of the total of 105 employees. The rest are college undergraduates and others are graduates and undergraduates of technical/vocational courses, high school and elementary which are qualifies of the specific government positions. (See Table 1.42)

**Table 1.42**  
**List of Personnel by Educational Attainment**  
**Municipality of San Fernando**  
**2018**

Office	Technical/ Vocational		College		High School		Elementary		Total
	Grad	Under Grad	Grad	Under Grad	Grad	Under Grad	Grad	Under Grad	
Municipal Mayor's Office	9		6	4	3		1		
Municipal Administrator			1						
Sangguniang Bayan	1	1	8	4	3	2			
Human Resource Management Office			2						
Municipal Planning and Development Office	1		3	1					
Local Dister Risk Reduction and Management Office			3						
Municipal Civi Registrar			2						
Municipal Environment and Natural Resources			1						
Municipal Budget Office			2						
Municipal Accounting Office			3						
Municipal Treasurer's Office			7			1			
Municipal Assessor's Office			2						
Municipal Engineering Office	1		4	1	2				
Municipal Health Office	1		18						
Municipal Agriculture Office			6						
Municipal Social Welfare and Development Office			3						
Municipal General Services Office			1						
<b>Total</b>	<b>10</b>	<b>1</b>	<b>72</b>	<b>10</b>	<b>8</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>105</b>
<b>Percent to total</b>	<b>10%</b>	<b>1%</b>	<b>69%</b>	<b>10%</b>	<b>8%</b>	<b>3%</b>	<b>1%</b>	<b>0%</b>	

Source: Human Resource Management

Legend: Grad – Graduate

Under Grad – Under Graduate

## B. Goal

Enhance legislative measures for effective governance.

## C. Objectives, Strategies, Policies

PROBLEMS	OBJECTIVES	STRATEGIES	POLICIES
1. Insufficient number of staff per office	- To ensure available manpower	- Hire and fill in available position with qualified personnel - Set qualification standard for recruitment and selection of plantilla position	- Civil Service Commission - DBM, Index of Occupational Services
2. Absence of Municipal Economic Enterprise and Development Office	- Manage and intensify local economy	- Creation of Mun. Economic Enterprise and Development Office with plantilla positions	- Resolution Ordinance
3. Absence of Municipal Tourism Office	- Manage and intensify local economy	- Creation of Municipal and Tourism Office with plantilla positions	- Resolution Ordinance
4. Lack of political will in the dissemination of functions among elective officials	- To achieve good and competitive governance	- Implementation of sectoral assignments and committee chairmanship based on knowledge and skills of local officials	- Compliance of DILG Policies
5. Absence of Public Employment Service Office (PESO), under RA 8759	- Provide venue where people can explore simultaneously various employment options and can seek assistance they prefer - To serve as referral and information center for various services and programs of the Department of labor and Employment and other government agencies present in the area.	- Creation of PESO with corresponding plantilla positions	- Resolution Ordinance
6. Absence of Local Youth Development Office (LYDO)	- Oversee the development and management of the youth organizations in the municipality	- Creation of LYDO with corresponding plantilla positions	- Resolution Ordinance - Memorandum Circular 207-36 DILG Issuance

7. Absence of Municipal Population Development Office (POPDEV)	- Manage the Population programs and development of the municipality	- Creation of Mun. POPDEV Office with corresponding plantilla positions	-Resolution Ordinance
8. Absence of created Secretary to the Sangguniang bayan Office	- To assist the sangguniang bayan in legislative process	- Creation of Secretary to the Sanggunian Office with plantilla positions	-Resolution Ordinance
9. Absence of Human Resource Development Section Office (HRDO)	- Oversee the capability development and correct pathing of employees	- Creation of HRDO Section with corresponding plantilla positions	-Resolution Ordinance
10. Absence of Municipal Sports Development Office	- Implement sports and recreational activities in the municipality	- Creation of Mun. Sports Development Office with plantilla positions	-Resolution Ordinance

### 3.3.2 LOCAL FINANCE

#### A. Situational Analysis

The officers who are in-charge of the main responsibility for ensuring that funds are available to implement programs, policies and rules made by the local chief executive and the local deliberative bodies fall on the treasurer, the budget officer, the accountant, the assessor and the local administrator. On the other hand, procurement is the main responsibility of the general services officer while the planning and development coordinator in-charge of the analyzation of income and income expenditure pattern, formulation and recommendation of fiscal plans and policies.

The money spent by the local government of San Fernando comes from internal and external sources as shown in Table 1.43. In year 2018, the actual total revenue appropriated by the municipality was approximately 230 million in peso wherein 94.52% came from internal revenue allotment while 5.48% of which came from tax and non-tax revenues and share from national tax collection.

**Table 1.43**  
**Revenue Sources**  
**Municipality of San Fernando, Bukidnon**  
**2018**

Income Source	Amount	Percentage to Total (%)
A. Tax Revenue		
c) Real Property Taxes	1,439,617.84	0.63
d) Local Taxes	3,597,759.57	1.56
B. Non-tax Revenue		
c) Earning and other credits		
- Government Business	4,536,946.59	1.97
- Operating and Services Income	1,791,747.07	0.78
d) Other Income		
- Domestic	884,482.02	0.38
- Foreign	n/a	
C. Aids and Allotments		
c) BIR Allotment (IRA)	217,649,673.96	94.52
d) National Aids	n/a	
D. Others		
b) Share from National Tax Collection - PCSO	364,072.82	0.16
E. Other Revenues (General Fund)		
b) Special Fund	n/a	
<b>TOTAL REVENUES</b>	<b>230,264,949.78</b>	<b>100%</b>

Source: Municipal Treasurer's Office

The major income source of the municipality is the internal revenue allotment (IRA) which contributes 94.52% of the total income. This is based on the municipality's (1) total land area, (2) total population and (3) equal sharing. The total land area of the locality is 82,162 in hectares. The area of 74,761.75 hectares or 90.00% are classified as Timberland and are non-taxable. The Real Property Taxes which is 0.63% of the total income pertains to the 9.01% of land which are classified as A and D and the improvements therein that can only be taxed.

Furthermore, the municipality continues to invest infrastructure development such as farm-to-market road, irrigation projects and other support for the farmers and allow to attract investors to come in.

Other sources of revenue of the municipality are local taxes which took 1.56% of the total income. This includes business and community taxes. On the contrary, 1.97% came from government business and 0.78% are operations and services. in the case of business tax generation, the Business Permit and License Officer established an annual

one-stop-shop for tax, payments and business permit application. This is an avenue to help push the income collection to increase and have a strong starting motion in the first quarter of the year.

**Table 1.44**  
**Statement of Income and Expenditures for the Past Five Years**  
**Municipality of San Fernando**  
**2014-2018**

Particulars	2014	2015	2016	2017	2018
<b>A. Income</b>					
a. Internal Revenue Allotment (IRA)	140,246,091.00	160,184,634.80	176,507,659.00	202,711,697.00	217,649,673.96
<b>Percentage to total income</b>	<b>95.65%</b>	<b>96.10%</b>	<b>94.99%</b>	<b>95.21%</b>	<b>94.52%</b>
b. Local Revenues	6,375,610.12	6,503,408.72	9,316,515.62	10,192,569.66	12,615,275.82
<b>Percentage to total income</b>	<b>4.35%</b>	<b>3.90%</b>	<b>5.01%</b>	<b>4.79%</b>	<b>5.48%</b>
c. Loan/Borrowing	-	-	-	-	-
d. Grants and Aids	-	-	-	-	-
<b>Total Income</b>	<b>146,621,701.12</b>	<b>166,688,043.52</b>	<b>185,824,174.62</b>	<b>212,904,266.66</b>	<b>230,264,949.78</b>
<b>Percentage Increased</b>		<b>13.69%</b>	<b>11.48%</b>	<b>14.57%</b>	<b>8.15%</b>
<b>B. Expenditures</b>					
a. Personal Services	50,063,684.47	56,159,362.17	54,283,364.73	70,270,422.61	77,357,693.04
b. Maintenance & Operating Expenses	63,068,071.95	67,445,116.73	65,039,471.98	69,753,660.49	71,685,021.35
c. Capital Outlay	7,280,986.55	465,655.38	5,841,925.90	20,827,316.92	34,620,386.12
d. Others (Budgetary Reserves)	-	-	-	-	-
e. Loans Amortization	-	-	-	-	-
<b>Total Expenditures</b>	<b>120,412,742.97</b>	<b>123,138,823.52</b>	<b>125,164,762.61</b>	<b>160,851,400.02</b>	<b>183,663,100.51</b>
<b>Percentage to total income</b>	<b>82.12%</b>	<b>73.87%</b>	<b>67.36%</b>	<b>75.55%</b>	<b>79.76%</b>
<b>Balance</b>	<b>30,804,134.80</b>	<b>42,686,930.77</b>	<b>60,114,514.26</b>	<b>51,679,814.49</b>	<b>46,601,849.27</b>

Source: Municipal Treasurer's Office

Table 1.44 shows the comparative situation of the financial statement of income and expenditures of the municipality of San Fernando for the past five years. The total income percentage increased to 57.05% from 146,621, 701.12 in 2014 to 230,264,949.78 in 2018. It also indicates that the internal revenue allotment of the LGU for the past five years ranges from 94% to 96% dependency. Expenditures fall on personal services, maintenance and operating expenses and capital outlay. The LGU did not engaged in any contract loans and other forms of indebtedness from government or private banks and lending institutions.

Table 1.44 also shows that the percentage of expenditures every year ranges from 67% to 82%. These expenditures as shown in Table 1.43 and 1.44 include obligations to general administration and government finance, public welfare and internal safety such as protective services and social improvement assistance. Other expenditures falls on the economic enterprises which include tourism, water system, market and others. The total expenditures also counterparted with the 20% Development Fund and non-office budgetary appropriation.



**Table 1.45**  
**Five-Year Comparative Revenues, Appropriations and Expenditure**  
**Municipality of San Fernando**  
**2014-2018**

Year	Actual Revenues	Approved Budget	Analysis performance			
			Actual Expenditure	Actual Revenue	Appropriation: Annual + Supplemental	Expenditure Appropriation
2014	143,143,174.00	143,143,174.00	120,412,742.97	146,621,701.12	145,269,701.08	120,412,742.97
2015	152,415,896.00	152,415,896.00	123,138,823.52	166,688,043.52	176,625,396.68	123,138,823.52
2016	181,787,430.00	181,787,430.00	125,164,762.61	185,824,174.62	227,570,998.99	125,164,762.61
2017	206,438,504.00	206,438,504.00	160,851,400.02	212,904,266.66	281,941,155.80	160,851,400.02
2018	228,716,674.00	228,716,674.00	183,663,100.51	230,264,949.78	253,191,938.13	183,663,100.51
<b>Percentage</b>						
2014 (Y1)	102%					82.89%
2015 (Y2)	109%					69.72%
2016 (Y3)	102%					55%
2017 (Y4)	103%					57%
2018 (Y5)	100.67%					72.53%
<b>Average</b>	<b>103.33%</b>					<b>67.43%</b>

Source: Municipal Budget Office

Table 1.46 shows that in five years the actual revenue versus estimated income have the following percentage; Y1 is 102%, Y2 is 109%, Y3 is 102%, Y4 is 103% and Y5 is 100.67%, it has an average percentage of collection of 103% and it shows that for five years the collection always exceeding from the estimates. As to expenditure versus appropriation, in Y1 is 83%, Y2 is 70%, y3 is 55%, Y4 is 57% and Y5 is 73%, the average is 67%.

**Table 1.46**  
**Expenditure by Object, Status of Appropriation and Obligations by Object for the Past Three Years**  
**San Fernando, Bukidnon**  
**2018**

Particulars	2016		2017		2018	
	Appropriation	Obligation	Appropriation	Obligation	Appropriation	Obligation
<b>A. General Government</b>	162,987,474.99	97,035,834.41	197,419,377.38	103,696,216.65	179,807,716.97	88,294,117.63
a. General Administration	-	-	-	-	-	-
b. Government Finance	-	-	-	-	-	-
<b>B. Public Welfare &amp; Internal Safety</b>						
a. Adjudication	-	-	-	-	-	-
b. Protective Services	13,579,319.00	12,069,830.94	17,814,964.00	16,465,790.75	26,658,293.00	24,186,031.15
c. Social Improvement	4,956,665.00	3,955,272.24	5,031,513.00	4,867,879.82	7,236,885.00	6,371,231.64
<b>C. Economic Enterprise</b>	10,211,654.00	8,030,736.10	15,422,125.09	15,040,857.82	39,489,043.16	32,021,163.35
<b>D. Operating and Economic Enterprises</b>	-	-	-	-	-	-
<b>E. Other Charges</b>						
a. 20% Development Fund and Non-Office	35,835,886.00	4,073,088.92	46,253,176.33	20,780,654.98	46,587,604.79	32,122,173.26
b. 5% Budgetary Reserved	-	-	-	-	-	-
<b>Total</b>	<b>227,570,998.99</b>	<b>125,164,762.61</b>	<b>281,941,155.80</b>	<b>160,851,400.02</b>	<b>253,191,938.13</b>	<b>183,663,100.50</b>

Source: Municipal Budget Office

## B. Goal

Intensify collection of taxes and promote proper utilization of resources.

## C.Objectives, Strategies, Policies

PROBLEMS	OBJECTIVES	STRATEGIES	POLICIES
1. Low income from local revenue generation	-To reduce municipality's dependence percentage on the Internal Revenue Allotment	- Prepare Local Generation Plan	Local Revenue Code
		- The LGU must invest in infrastructure projects such as farm-to-market road, irrigations, etc.	
		-Computerization of the system of taxpayer services for securing business permit applications and renewal including building permit applications	EODB Compliance
		-Geographic Information System to enhance critical services in real property and tax mapping	Office Memo
		-Strengthen tax collection enforcement such as publication of list of delinquent taxpayers/properties.	Implementation of related local Government Code Provision
		- Engage peace and order stability to attract more investors	
		The LGU must invest in Infrastructure projects such as farm to market road, irrigations and other farming or crop production related projects.	LDIP

### 3.3.3. LONG TERM PRIORITY PROGRAMS, PROJECTS AND ACTIVITIES

The following table enumerates the list of long term priority programs, projects and activities as incorporated in the Five-Year Development Plan. This plan includes all sectors namely: Environment, Social, Economics, Infrastructure and Institutional. (See Table 1.47)

**Table 1.47**  
**Five-Year Development Plan Municipality of San Fernando, Bukidnon**  
**2020-2024**

PROGRAMS/PROJECTS/ACTIVITIES		LOCATION	ESTIMATED COST ('000)	FUNDING SOURCE	2020 ('000)	2021 ('000)	2022 ('000)	2023 ('000)	2024 ('000)
<b>Sector : ENVIRONMENT</b>									
1	Capability Building								
	A. Trainings / Seminars for Officials and Employees	within the Region	1,900	LGU - GF	300	400	400	400	400
	B. Attendance to Trainings, Seminars, Conferences and Seminars of Municipal Officials and Employees	within the Philippines	10,000	LGU - GF	3,000	3,000	3,000	500	500
	C. Personnel Strengthening/Staffing	San Fernando	1,500	LGU - GF	500	500	500		
	D. Training & Capacity enhancement for Bantay Gubat, Forest Guards, AILTF Personnel, Beneficiaries on Reforestation, Climate Change, Water Conservation, Watershed Management, Riverbank Rehabilitation	San Fernando	990	LGU - GF	330	330	330		
2	Solid Waste Management Seminars	San	1,590	LGU - GF	330	330	330	300	300
3	MRF Establishment and Maintenance	24 Barangays	1,000	LGU, MENRO, DENR, EMB, Province	200	200	200	200	200
4	Establishment of Sewerage System	Poblacion, Halapitan	34,000	LGU, DPWH	10,000	10,000	10,000	2,000	2,000
5	Reforestation & Agroforestry	Brgy Candelaria, Kawayan	8,000	DENR LGU	2,500	2,500	2,500	250	250
7	Watershed Management	Brgy Nacabuklad, Candelaria, Kawayan	5,000	DENR, LG	1,000	1,000	1,000	1,000	1,000
8	Information and Education Campaigns (IEC) on Environment or Forest Laws	24 Barangays	500	LGU	150	50	100	100	100
9	Establishment of Final Disposal Facility/Sanitary Landfill Cell 2.3.4.5 & 6	Halapitan	10,000	LGU	2,000	2,000	2,000	2,000	2,000
10	Establishment of Protected Areas and Wildlife (Forest Park)	San Fernando	2,600	DENR, LG	200	200	200	1,000	1,000
11	Forest Tree Nursery	Halapitan	2,100	LGU	100	500	500	500	500
12	Anti-illegal Logging/ Anti-Mining Task Force	San Fernando	5,000	LGU	1,000	1,000	1,000	1,000	1,000
13	Solid Waste Management Program	San Fernando	5,000	LGU	1,000	1,000	1,000	1,000	1,000
14	Greenbelt and Urban Greening	San Fernando	5,000	LGU	1,000	1,000	1,000	1,000	1,000
15	National Greening Program		-						
16	Riparian site rehab		-						
17	Reforestation		-						
18	Agroforestry		-						
19	Treelogy/Tree Growing		-						
20	Conduct data gathering to Cities and Municipalities		-						

PROGRAMS/ PROJECTS/ ACTIVITIES		LOCATION	ESTIMATED COST ('000)	FUNDING SOURCE	2020 ('000)	2021 ('000)	2022 ('000)	2023 ('000)	2024 ('000)
21	Coordinate MGB for further maps enhancement		-						
22	Geohazard Maps provided to Barangays		-						
23	ESWM		-						
24	Scholarship Recipient & Couples Applying for Marriage Planting Activity		-						
25	Implementation & Enforcement of Environmental Related Laws		-						
26	Municipal Housing Program								
	A. Construction of IP/FR Houses, 149	Sitio Malantao, Halapitan, Brgy Kibongkoo	9,000	NHA-LGU	3,000	3,000	3,000		
	B. Construction of Houses for Informal Settlers, 40	Halapitan, Ma buhay, Little Baguio	4,500	LGU	1,500	1,500	1,500		
	C. Construction of Houses for victims of disaster & Calamities, 61		6,900	LGU	2,300	2,300	2,300		
27	Supplemental Feeding to 2-4 y.o. Preschool Children in Day Care Center (60 DCC)	24 brgys	12,600	LGU	4,200	4,200	4,200		
28	Hauling of Food from Manicipal to the Barangays	24 Barangays	1,500	LGU	500	500	500		
29	Large number of Indigent Senior Citizen		-						
	A. Social Pension to Senior Citizen	24 brgys	37,000	DSWD 10	12,000	12,500	12,500		
	B. Burial Assistance to Indigent Senior Citizen	24 brgys	900	LGU	300	300	300		
	C. Medical and Food Assistance	24 brgys	300	LGU	100	100	100		
	D. Honorarium OSCA/Head monthly	24 brgys	108	LGU	36	36	36		
	E. Honorarium Federation President/24 Barangays	24 brgys	432	LGU	144	144	144		
30	Construction of Day Care Center	Purok 6, Halapitan	-	LGU					
31	Supplemental Feeding to SEV & UW PS	24 brgys	100	MNAO	20	20	20	20	20
32	Burial Assistance to Indigent Senior Citizen	24 brgys	600	MSWDO	120	120	120	120	120
33	Monthly Honorarium of OSCA Head	Municipal	300	MSWDO	60	60	60	60	60
34	Honorarium of SC Federation President	24 brgys	30	MSWDO	6	6	6	6	6
35	Marriage Enrichment		-						
	A. Family Development Session (FDS)	24 brgys	50	MSWDO	10	10	10	10	10
	C. Referral to Rehabilitate PWD's	24 brgys	180	MSWDO	36	36	36	36	36
36	Trainings & Seminars of DCW	24 brgys	366	MSWDO	73.2	73.2	73.2	73	73
37	Purchase of Educational Materials	24 brgys	500	MSWDO	100	100	100	100	100
38	VAWC Program & Human Trafficking		-						
39	A. Advocacy 9262, RA 9208 & RA 7610	24 brgys	750	MSWDO	150	150	150	150	150
40	Assistance for Poor and Needy Families		-						
	A. Financial Assistance (Burial, Medical, Food, Transportation, Shelter)	24 brgys	4,000	MSWDO	800	800	800	800	800
41	Person Who Use Drugs (PWUD's)		-						
	A. Livelihood Assistance	24 brgys	1,000	POPS	200	200	200	200	200

PROGRAMS/PROJECTS/ACTIVITIES		LOCATION	ESTIMATED COST ('000)	FUNDING SOURCE	2020 ('000)	2021 ('000)	2022 ('000)	2023 ('000)	2024 ('000)
<b>SOCIAL SECTOR: DEPED</b>									
1	"Paaralan Ko Bahay Ko Program"	All Elementary	575		150	200	225		
2	School Feeding Program	Schools in SF 1 (19) and SF 2	875	NGA,NG O's & LGU	250	300	325		
3	Adopt a Child Program	(15) Districts & 2	325	NGA,NG	100	125	100		
4	Home Visitation Program		250	NGA,NG	75	75	100		
5	Child Find Program	Secondary Schools	950	NGA,NG	775	75	100		
6	Child Friendly School System		575		150	200	225		
7	Gulayan sa Paaralan	All Elementary Schools in SF 1 (19) and SF 2	325	DepED,N	100	125	100		
		(15) Districts & 2	-	NGO,LGU					
			-	Stakehold					
8	Sports Program		1,050	LGU	300	350	400		
9	IP Festival	Secondary Schools	300	LGU,NGO	75	100	125		
			-	Stakeholders					
10	Academic Competitions		700	NGAs,NG	200	225	275		
			-	Os,LGU & Stakehold					
			-						
11	Health and Nutrition Program		1,375		400	450	525		
12	School Reading Program	Kalagangan CES & Halapitan CES	1,375	NGO, LGU & Stakehold ers	400	450	525		
			-						
			-						
13	SPED Celebration	All Elementary Schools in	30	NGO's & Stakehold ers	10	10	10		
			-						
			-						
14	Child Protection Program	Halapitan NHS, Little Baguio NHS, Kalagangan CES, Durian ES, Balugo IPS,	1,375	NGAs,NG Os,LGU & Stakehold ers	400	450	525		
			-						
			-						
			-						
			-						
15	Classroom Building Construction	All Elementary Schools in SF 1 (19)	1,675		500	550	625		
			-						
		All IP Schools in SF 1 & SF 2	-						
		Halapitan CES & Kalagangan	-						
			-						
16	Classroom Repair & Maintenance		550	NGAs,NG Os, LGU & Stakehold ers	150	175	225		
17	Provision of School Facilities and Equipment		550		150	175	225		
18	IPED Teacher Item		2,450	NGA's & LGU	700	800	950		
19	SPED Teacher Item		550		150	175	225		
20	Skills Training Program		550		150	175	225		
21	HRD/CAPDEV Development Trainings, Trainings/Seminars & workshops conducted by Professional Organization, NGOs	All Elementary Schools in SF 1 (19) and SF 2	550	NGAs,NG Os,LGU	150	175	225		
22	Gender & Development Training	(15) Districts & 2	550		150	175	225		

PROGRAMS/PROJECTS/ACTIVITIES		LOCATION	ESTIMATED COST ('000)	FUNDING SOURCE	2020 ('000)	2021 ('000)	2022 ('000)	2023 ('000)	2024 ('000)
23	IP Education Training	All IP Schools in SF 1 and SF 2	275		50	100	125		
24	SPED Training	Halapitan CES Kalagangan	100		25	25	50		
<b>SOCIAL SECTOR : PNP</b>									
1	Drug Demand Reduction Program	San Fernando, Bukidnon	350	GF	50	60	70	80	90
2	Anti-Criminality Program	San Fernando, Bukidnon	2,000	GF	200	300	400	500	600
3	Anti- illegal Gambling Program	San Fernando, Bukidnon	300	GF	40	50	60	70	80
4	Joint LGU-SFMPs-LTO One Stop- Shop Outreach Program	San Fernando, Bukidnon	150	GF	20	25	30	35	40
5	Outreach Program for the IP's and Pulong-Pulong to IP Representatives of the 24 Brays	San Fernando, Bukidnon	350	GF	50	60	70	80	90
6	Establishment of Rehabilitation Center for CICL	San Fernando, Bukidnon	-	GF					
7	BPAT Refresher Training	San Fernando, Bukidnon	450	GF	70	80	90	100	110
8	Barangay VAWC Desk Officers Refresher Training	San Fernando, Bukidnon	450	GF	70	80	90	100	110
9	Construction of PNP Building	San Fernando, Bukidnon	500	GF	500				
10	Construction of Security Perimeter Fence	San Fernando, Bukidnon	1,500	GF		1,500			
11	Capability Development		-						
	A. Attendance to drug related seminars, trainings and workshops	San Fernando, Bukidnon	200	GF	30	35	40	45	50
	B. Conduct of Drug Symposium/Lectures	San Fernando, Bukidnon	200	GF	30	35	40	45	50
	C. Attendance to Theft & Robbery trainings and Seminars	San Fernando, Bukidnon	185	GF	30	35	40	40	40
	D. Conduct of Theft & Robbery seminars to all barangays	San Fernando, Bukidnon	150	GF	20	25	30	35	40
	E. Attendance to seminars on handling rape cases	within the Region	200	GF	30	35	40	45	50
	F. Conduct of seminars to all barangays regarding rape	San Fernando, Bukidnon	150	GF	20	25	30	35	40
	G. Attendance to specialized course for WCPD and Anti-Trafficking Seminars	within the Region	200	GF	30	35	40	45	50
	H. Conduct of Seminars, Trainings and workshop regarding RA 9262 to all Barangays	San Fernando, Bukidnon	200	GF	30	35	40	45	50
	I. Conduct of Seminars, Trainings and workshop regarding RA 9262 to all Barangays	San Fernando, Bukidnon	200	GF	30	35	40	45	50
	J. Attendance to seminars on Tribal conflict resolution	San Fernando, Bukidnon	200	GF	30	35	40	45	50

PROGRAMS/PROJECTS/ACTIVITIES		LOCATION	ESTIMATED COST ('000)	FUNDING SOURCE	2020 ('000)	2021 ('000)	2022 ('000)	2023 ('000)	2024 ('000)
	K. Conduct of seminars to the IP Leaders to all barangays	within the Region	500	GF	80	90	100	110	120
	L. Attendance to trainings and seminars on handling CICL cases	within the Region	200	GF	30	35	40	45	50
	M. Attendance to schoolings, workshops, trainings and seminars related to the position held	within the Region	200	GF	30	35	40	45	50
	N. Attendance to BPAT Training of trainers	within the Region	200	GF	30	35	40	45	50
12	Attendance to Anti-Cyber Crime Seminar/Training/Workshop	within the Region	150	GF	20	25	30	35	40
13	Drug Supply Reduction Program	San Fernando	2,500	GF	500	500	500	500	500
14	Police Community Affair Development (PCAD) Month Activities	San Fernando	350	GF	50	60	70	80	90
<b>SOCIAL SECTOR : BFP</b>									
1	50. Organization of Volunteer Fire Brigade (Brgy & School)	San Fernando, Bukidnon	-	BFP,SF,M DRRMO					
2	51. Fire Prevention Month Activities	Halapitan	840	BFP,SF,M DRRMO	150	150	150	195	195
3	52. Conduct massive Fire Safety Inspection and Information dissemination on the Fire Safety	San Fernando, Bukidnon	135	BFP, NHQ	25	25	25	30	30
4	53. Installation of Fire Hydrants	Little Baguio & Namnam	-	BFP,SF,M DRRMO,L GU					
5	54. Establish (1) One Sub Station	Brgy Namnam	7,200	BFP, NHQ	7,200				
6	55. Additional Fire Trucks	Namnam	3,000	BFP,SF,M DRRMO,L GU	3,000				
		Halapitan	10,000	BFP,DILG			10,000		
7	56. Acquire (1) one unit Honda XR150 Motorcycle	San Fernando Fire Station	100	BFP,LGU	100				
8	57. Acquire additional manpower	San Fernando Fire Station	2,250	BFP,LGU	450	450	450	450	450
9	58. Maintenance/Repair of BFP Building	Halapitan	250	BFP,LGU	50	50	50	50	50
10	59. Tables and Furniture		100	BFP,LGU	20	20	20	20	20
11	60. Additional Fence		250	BFP,LGU	50	50	50	50	50
12	61. Generator		100	BFP,LGU	100				
<b>SOCIAL SECTOR : MHO</b>									
1	Indigenous Peoples Education, SPED, MTB-MLE		-						
2	Kaamulan Festival		-						
3	Human, Socio-Economic & Ecology Dev't & Protection Program		-						
4	Establishment of Cultural Sites		-						
5	Cultural Integrity		-						
6	Participation of Trade Fairs		-						
7	MNCHN Program	RHU-24 BRGY	28,205	DOH	5,641	5,641	5,641	5,641	5,641
8	Conduct of BEMONC Training	DOH	100	DOH	20	20	20	20	20
9	Provision of Drugs & Medicines for anti natal care	RHU	185	LGU	37	37	37	37	37
10	Provision of Buntis Kits	24 BRGY- BHS	900	LGU	180	180	180	180	180
11	Provision of Nutrient Supplementation for Pregnant women	RHU	280	LGU	56	56	56	56	56
13	Barangay NBS Program	24 BHS	50	LGU	10	10	10	10	10

PROGRAMS/PROJECTS/ACTIVITIES		LOCATION	ESTIMATED COST ('000)	FUNDING SOURCE	2020 ('000)	2021 ('000)	2022 ('000)	2023 ('000)	2024 ('000)
14	Conduct of EINC Training	10 RHM (RHU)	55	DOH	11	11	11	11	11
15	Hiring of 1 Midwife per Barangay	Municipal (San Jose, Palacpacan, Cabuling, Halapitan)	2,155	LGU	431	431	431	431	431
16	Provision of Delivery Kits	BHS (24)	360	LGU	60	75	75	75	75
17	Quarterly Meetings with Stakeholders	RHU	200	LGU	40	40	40	40	40
18	Installation of Road signs in all areas where needed		-						
19	Strict Implementation of traffic rules & regulations		-						
20	Strengthen Blood Service Network		-						
21	Functional Disaster Response Network		-						
22	Establishment of Milk Banks		-						
23	NBS Program	RHU	875	LGU	175	175	175	175	175
24	Provision of Drugs & Medicines		7,000	LGU	1,400	1,400	1,400	1,400	1,400
25	Provision of Adequate Nutrition		-						
26	Provision of Vaccines	RHU	128,080	DOH	25,616	25,616	25,616	25,616	25,616
27	Provision of Adequate Supply of	RHU	825	LGU	165	165	165	165	165
28	Establish Additional Health Facilities providing newborn screening	BHS (Sto. Domingo, Kalagangan, Namnam, Little Baguio)	2,500	DOH	500	500	500	500	500
29	NBS Training to Health Members	RHU IRN, 9 RHM'S)	90	DOH	18	18	18	18	18
30	Conduct Training on Basic EPI course for Health Workers (EPI Refresher Course)	24 RHM. 1 Nurse	90	DOH	18	18	18	18	18
31	Provision of Vaccines refrigerator & Health Facilities	6 BHS	126	DOH	42	21	21	21	21
32	Safe Motherhood - MNCHN		-						
33	Provide incentives to health volunteers to strengthen pregnancy tracking	283 BHW's	3,400	LGU	680	680	680	680	680
34	EPI		-						
35	Use of Trimedia Approach	Municipal Wide	25	LGU	5	5	5	5	5
36	Conduct Training on Gender Sensitivity	RHU	120	DOH	24	24	24	24	24
37	Conduct training on Culture Sensitivity	RHU	120	DOH	24	24	24	24	24
38	Conduct Training on Behavior Change Communication	RHU	120	DOH	24	24	24	24	24
39	Conduct BEMONIC Training	12 RHM	220	DOH	60	40	40	40	40
40	Brgy Ordinance n Zero Home Deliveries		-						
41	Family Planning		-						
42	Provision of Adequate FP Commodities	RHU San Fernando	4,765	DOH	953	953	953	953	953
43	Conduct of FPCBT & FPCBT2 Training	RHU	34	DOH	11	6	6	6	6
44	Conduct of FP Outreach Activities	24 Barangays	5	LGU	1	1	1	1	1
45	VBDC		-						
46	Provision of Supplies and Materials for the RDT BHW's surveillance and case finding	24 BHW	15	LGU	3	3	3	3	3
47	Orientation and Reorientation of RDT BHW's on the Malaria	24 Barangays	35	LGU	7	7	7	7	7
48	Rapid Diagnostic Test and Taking of Blood Smear		-						
49	Quarterly Meeting for City/Municipal Malaria Coordinators	RHU	135	LGU	27	27	27	27	27



PROGRAMS/PROJECTS/ACTIVITIES		LOCATION	ESTIMATED COST ('000)	FUNDING SOURCE	2020 ('000)	2021 ('000)	2022 ('000)	2023 ('000)	2024 ('000)
50	Provision of incentives to patients on going treatment	All Barangays	300	LGU	60	60	60	60	60
51	NTP		-						
52	Provision of mobile chest x-rays per ILHZ	RHU	850	DOH	850				
53	Provision of Gene experts per municipality	RHU	250	DOH	250				
54	Provision of cartridge for gene expert machines	RHU	850	LGU	170	170	170	170	170
55	Provision of TB caravan	24 Barangays	100	LGU	20	20	20	20	20
56	Training of newly hired personnel on NTP Manual of Operations	24 RHM	216	LGU	45	45	45	45	36
57	Strengthen blood service program	All Barangays	250	LGU	50	50	50	50	50
58	Conduct Training on Dengue case management	24 RHM	129	LGU	27	27	27	27	21
59	Conduct massive IEC campaign	All Barangays	120	LGU	24	24	24	24	24
60	Provision of misting machine per municipality		-						
61	Provision of chemicals for misting & fogging		-						
62	Provision of Olyset net for schools		-						
63	Orientation of RSIS on Dengue program		-						
64	ES Watsan		-						
65	Installation of water systems								
66	Provision of water testing kits	Municipal	200	LGU	40	40	40	40	40
67	Provision of Jerry cans & chlourine	Municipal	750	LGU	150	150	150	150	150
68	Conduct of rapid water testing	All Barangays	510	LGU	102	102	102	102	102
69	Supplementary feeding of children 6- 59 month old		-						
70	Foodplants for producing supplementary food (Go, Grow, Glow Gardening)		-						
71	Establishment of Breastfeeding room in workplace	1 Terminal, 1 Municipal Office	1,000	DOH	500	500			
72	Promotion of healthy life style	Municipal Wide	15	LGU	3	3	3	3	3
73	Healthy food environment		-						
74	Provide Vitamin A to municipality	RHU	145	DOH	29	29	29	29	29
75	Hiring of 2 Nurse	RHU	696	LGU	348	348			
76	Hiring of 1 Dentist	Municipal	303	LGU	303				
77	Financial Risk Production		5,943		1,251	1,877	2,815		
	- Increase in Philhealth Enrollment and Utilization		2,319		488	732	1,099		
	- Increase in LGU Resources and Investments for Health		-						
	- Effective and Efficient Utilization Funds		-						
78	Improving Access to Quality Health Facilities		-						
	- Health Facility Enhancement Program		199,653		42,032	63,048	94,573		
	- Development of Health System for Health Facilities		18,564		3,908	5,862	8,794		
	- Health Facilities Regulation		674		142	213	319		
	- Improving Availability and Access to Low Cost Quality		61,143		12,872	19,308	28,963		
79	Attainment for Health Related Sustainable Development Goals		-						
	- Scale up Public Health Intervention for SDG's		-						
	MDG 4 (Reduction of Child Morality)		-						

PROGRAMS/PROJECTS/ACTIVITIES		LOCATION	ESTIMATED COST ('000)	FUNDING SOURCE	2020 ('000)	2021 ('000)	2022 ('000)	2023 ('000)	2024 ('000)
	a. Essential Newborn Care Package	MCP	15,840		3,335	5,002	7,503		
	b. Child Survival Package		215,637		45,397	68,096	102,144		
	c. Coordination of Health		161		34	51	76		
	- MDG 5 (Improvement of Maternal Health Outcomes)		-						
	a. MNCHN Core Packages of Services		49,071		10,331	15,496	23,244		
	b. Women's Health Package		8,112		1,708	2,562	3,842		
	- MDG 6 (Combat HIV AIDS, Malaria and Other Disease)		-						
	a. HIV AIDS Prevention and Control Program		657		138	208	311		
	b. Malaria Control Program		161		34	51	76		
	c. TB Control Program		15,246		3,210	4,814	7,222		
	- MDG 7 (Environmental Sustainability)		296,056		61,676	95,612	138,768		
	- Prevention and Control of Life Style Related Non Communicable Diseases		51,123		10,763	16,144	24,216		
	- Accidents and Injuries Prevention and Management		16,112		3,392	5,088	7,632		
80	Elimination and Control of Infectious Diseases		-						
	- Filariasis Elimination Services		-						
	- Schistosomiasis Elimination Services		417		88	132	197		
	- Rabies Elimination Services		1,683		354	532	797		
	- Leprosy Elimination Services		1,058		223	334	501		
81	Intensified Prevention and Control of Diseases		465		98	147	220		
	- Dengue Prevention and Control		-						
82	Disaster and Emergency Preparedness and Response System		865		182	273	410		
83	Surveillance and Epidemic Preparedness and Response System		849		179	268	402		
	- Support System		-						
	- Policy and Standards Development		-						
	- Human Resource for Human Development		37,305		7,854	11,780	17,671		
	- Health Information Systems and Technology Development		741		138	208	311	42	42
84	Governance for Health		9,234		1,944	2,916	4,374		
	- LGU Internal Management		500	LGU	100	100	100	100	100
	- LGU Sectoral Management		140	LGU	28	28	28	28	28
<b>SOCIAL SECTOR: Others</b>									
1	Conduct Early Registration Students	Municipal Wide	15	MOOE, PA	3	3	3	3	3
2	Kick Off Program	Municipal Wide	10	MOOE, PA	2	2	2	2	2
3	Community Mapping	Municipal Wide	25	MOOE	5	5	5	5	5
4	Oplan Balik Eskwela Program	Municipal Wide	10	MOOE	2	2	2	2	2
5	Provision of Feeding Program to all kindergarten learners	Municipal Wide	205	LGU,PTA, MOOE	25	30	40	50	60
6	Opening of SPED Classes	Municipal Wide							
7	Enrollment Campaign		25	MOOE	5	5	5	5	5
8	Opening and Establishment of IP Schools		-						
9	Alternative Learning System		-						
10	Conduct of PEPT		-						

PROGRAMS/PROJECTS/ACTIVITIES		LOCATION	ESTIMATED COST ('000)	FUNDING SOURCE	2020 ('000)	2021 ('000)	2022 ('000)	2023 ('000)	2024 ('000)
11	Opening of Alive Classes		-						
12	Opening and EEstablishment of Integrated Schools		-						
13	Construction of Classrooms for SPED Classes		-						
14	SHS Program		25	MOOE	5	5	5	5	5
15	Drop-Out Reduction Program		25	MOOE	5	5	5	5	5
16	Open High School Program		50	MOOE	10	10	10	10	10
17	Opening of integrated schools		20	MOOE, PTA					
18	NAT Intervention Program		20	MOOE, PTA					
19	Reading Program		10	MOOE, PTA	2	2	2	2	2
20	Teachers Capacity Building on Teaching Strategies		-	MOOE					
21	Implementation of Schools Reading Program		25	MOOE, LGU	5	5	5	5	5
22	Summer Reading Camp		50	MOOE, LGU	10	10	10	10	10
23	In Service Training of Teachers & School Head		200	MOOE	40	40	40	40	40
24	MTAP Challenge and other Academic Competitions		100	MOOE, PTA	20	20	20	20	20
25	Implementation of School Learning Action Cell (SLAC)		25	MOOE	5	5	5	5	5
26	Intensify School Supervision/Classroom Observation		10	MOOE	2	2	2	2	2
27	National Achievement Test		-						
28	Capacity building of teachers on the different subjects with		-	MOOE					
29	Provision of NAT review materials		20		2	3	4	5	6
30	NAT Review Classes with complimentary feeding programs		-						
31	Mock NAT Exams		-						
32	Feeding Program		1M	LGU,MOOE,PTA	300	300	200	200	100
33	Adopt a Lumad		-						
34	DORP Plan		-						
35	Alternative Delivery Mode (ADM)		-						
36	Opening /Established of IP Schools / SPED Classes		-						
37	Provision of 2 School Dormitory,		-						
38	Provision of Additional 50 Classrooms		-						
39	Provision of Laboratory workshop for T.L.E & Science		-						
40	Provision of School Library including Textbooks		-						
41	Provision of Laboratory workshops for TVL and Science		-						
42	Additional Teachers		-	MOOE					
43	Child Friendly Environment		-						
44	Giving of Recognition to Learners who survive K to 6 Basic Education		-						
45	Opening of 2 New National High Schools		-						
46	One Conversion from Integrated School to National High School		-						
47	One Conversion from Extension to NH		-						
48	Graduation Exercises/Completion		175	MOOE	25	30	35	40	45
49	Brigada Eskwela		150	MOOE, LGU	20	25	30	35	40

PROGRAMS/PROJECTS/ACTIVITIES		LOCATION	ESTIMATED COST ('000)	FUNDING SOURCE	2020 ('000)	2021 ('000)	2022 ('000)	2023 ('000)	2024 ('000)
50	Repair & Repainting of District Office & School		-						
51	Opening of Classes in June		10	MOOE	2	2	2	2	2
52	Nutrition Month		25	MOOE,PT	5	5	5	5	5
53	Municipal Dual Meet		-	MOOE					
54	Division Athletic Meet		-	MOOE,LGU					
55	Regional Meet		-	MOOE,LGU					
56	Science Fair & Exhibit		-	MOOE					
57	Division School Press Conference		-	MOOE					
58	Municipal Wide World Teachers Day Celebration		-	LGU,PTA					
59	District Bantula Awarding Ceremmony		-	MOOE					
60	Christmas Activities		-						
61	Construction of Classroom Building		-						
62	Repair & Repainting of Classrooms Principals Office & District Office		-	MOOE					
63	Implementation of School Beautification Project		-						
64	Construction of School Buildings in 10 Schools within IP Communities		-						
65	Construction of School Clinic		-						
66	Gulayan sa Paaralan		-						
67	National Greening Program		-						
68	Fund Raising Activities		-						
69	Conduct SBM Validation in the District Level		-						
70	Construction of Classrooms for SPED Classes		-						
71	Assessment and Certification and Program Registration (TVET)		-						
72	Conduct IEC		-						
73	Provision of livelihood assistance		-						
74	Ancestral Domain/Land Security and Development Program		-						
75	Conduct IEC to parents and community		-						
76	Strengthen P/C/M council and barangay committees Women and Children		-						
77	Provide Psychosocial Intervention to Women		-						
78	Conduct counselling to PWD and Parents		-						
79	Conduct capability building activities		-						
80	Conduct IEC to parents		-						
81	Provide educational materials to Day Care Center		-						
82	Conduct capability training to Day Care Workers/parents		-						
83	Conduct accreditation/assessment to DCC/DCW		-						
84	Provision of monthly honorarium to all CDW/DCW		-						
85	Acquisition of Land		-						
86	Construction of housing units		-						
87	Individual Land Titling		-						
88	Construction of Road networks		-						
89	Construction of Drainage system		-						
90	Installation of Power Distribution System		-						
91	Installation of Water Distribution System		-						

PROGRAMS/PROJECTS/ACTIVITIES		LOCATION	ESTIMATED COS ('000)	FUNDING SOURCE	2020 ('000)	2021 ('000)	2022 ('000)	2023 ('000)	2024 ('000)
92	Construction of 3-chamber Septic Tanks		-						
93	Indigenous Peoples Rights Protection		-						
94	Conduct SGLG Assessment		-						
95	Procurement of Patrol Car		2,000		2,000				
96	Conduct of IEC to Barangays & Schools		250		50	50	50	50	50
97	Strengthen conduct of TRIMP		500		100	100	100	100	100
98	CBRP		-						
99	Balay Silangan		-						
<b>ECONO MICS</b>			-						
1	Construction of Potable Water System	Halapitan, Little Baguio	15,000	LGU,NGA	5,000	5,000	5,000		
2	Establishment/Construction of Slaughterhouse (3) units with complete facilities	Halapitan,	1,500	GF	500	500	500		
		Namnam	6,000	NPC,NGA	3,500	2,000	500		
		Kalagangan	6,000	DA	3,500	2,000	500		
3	Procurement of BPLS Facilities & Equipment	LGU-San Fernando	300	GF	100	100	100		
4	Establishment of CBMS (Community- Based Monitoring System)	LGU-San Fdo.	1,000	GF	1,000				
5	Rehabilitation of Irrigation Facilities	Candelaria	1,600	GF,NGA	1,200	200	200		
		Halapitan	600	GF,NGA	200	200	200		
		Little Baguio	600	GF,NGA	200	200	200		
		Bonacao	600	GF,NGA	200	200	200		
6	Construction of Irrigation Facilities	Mabuhay	-	GF,NGA					
		Palacpacan	-	GF,NGA					
		Kalagangan	19,000	GF,NGA	19,000				
		San Jose	19,000	GF,NGA		19,000			
		Bonacao	19,000	GF,NGA			19,000		
7	Establishment of Two (2) Storey Multi- Purpose Building with Complete Facilities	LGU-San Fernando	-	GF					
8	Construction of SF Eco-Adventure Cable Cars	LGU-San Fernando	-	GF					
9	Construction of SF Pasalubong Centers	SF Tourism Site	1,000	GF	1,000				
10	Construction of Tourism Office	SF Tourism Site	1,000	GF		1,000			
11	Development and Beautification of Tourism Sites		-	GF					
		Nacabuklad	2,500	GF	500	500	500	500	500
		Balacavo.Namnam	2,500	GF	500	500	500	500	500
		Kalagangan	2,500	GF	500	500	500	500	500
	Caves	Sac. Valley	2,500	GF	500	500	500	500	500
	Parks	LGU,San Fernando,	2,500	GF	500	500	500	500	500
	Zipline	Tourism Site	-	GF					
12	Identification of Areas Subject for	Kawayan, Halapitan	500	GF		500			
13	Establishment/Construction & Beautification of SF Boulevard Site	Halapitan, San Fdo	2,500	GF	500	500	500	500	500
14	Preservation & Enhancement of Culture & Arts	Halapitan,Tourism Site	1,500	GF	500	500	500		
15	Construction of Public Cemetery	Halapitan	-	GF					
		Mabuhay	-	GF					
		Namnam	-	GF					
		Kalagangan	-	GF					
16	Purchase of Pre & Post Harvest Facilities		-						
	Solar Drier	Malayanan	500	GF,	250		250		

PROGRAMS/PROJECTS/ACTIVITIES		LOCATION	ESTIMATED COST ('000)	FUNDING SOURCE	2020 ('000)	2021 ('000)	2022 ('000)	2023 ('000)	2024 ('000)
		Balaas, Mabuhay	500		250		250		
		Sacramento Valley	500		250		250		
		Namnam	500		250		250		
		Tugop	250			250			
		Caminongahan, Kawayan	250	GF, NGA's		250			
		Candelaria	250			250			
		Elian, Halapitan	250			250			
		Kauswagan, Little Baguio	250			250			
	Corn Sheller	Matupe	200	GF, NGA's		200			
		Malayanan	200			200			
		Durian	200			200			
		Bulalang	200			200			
		Saging, Little Baguio	200			200			
		Balao, Mabuhay	200			200			
	Horse (Hauling)	Malayanan	100	GF, NGA's	50		50		
		Little Baguio	100		50		50		
		Sac. Valley	100		50		50		
	Rice Combine Harvester	Halapitan	-	GF, NGA's					
		Namnam	1,500			1,500			
	Rice Combine Transplanter	Halapitan	-	GF, NGA's					
		Namnam	1,500			1,500			
17	Establishment of Demo Farms for SALT	Sacramento V	-	GF, NGA's					
		Palacpacan	-						
		Sto. Domingo	-	GF, NGA's					
	Banana	Halapitan	600		200	200	200		
	Cacao	Halapitan	1,200	GF, NGA's	400	400	400		
	Vegetables	Halapitan	600		200	200	200		
18	Development and Beautification of Nursery Complex	Nursery, Halapitan	600	GF, NGA's	200	200	200		
19	Establishment of Dog Impounding Facilities	Halapitan	450		150	150	150		
20	Lot Purchase for Slaughterhouse	Halapitan	-	GF, NGA's					
		Namnam	-						
		Kalagangan	-						
	Food Terminal (Bagsakan Center)	Halapitan	-	GF, NGA's					
		Namnam	-						
		Kalagangan	-						
	Public Cemetery	Halapitan	-	GF, NGA's					
		Mabuhay	-						
		Namnam	-						
		Kalagangan	-						
21	Construction of Food Terminals	Halapitan	-	GF, NGA's					
		Namnam	-						
		Kalagangan	-						
22	CAPDEV for the ff :		-						
	Seminars, Training & workshops related to Agri. Dev't	LGU-San Fernando	1,100	GF	350	350	400		
	-Tourism Staff		750	GF	200	250	300		
	-Conduct Periodic tax information campaign	All Barangay	700	GF, NGA's	150	250	300		
	-Seminars and Trainings related to Economic Enterprise	Halapitan, San F do	680	GF	200	230	250		
23	Procurement of Seeds		-						

PROGRAMS/PROJECTS/ACTIVITIES		LOCATION	ESTIMATED COST ('000)	FUNDING SOURCE	2020 ('000)	2021 ('000)	2022 ('000)	2023 ('000)	2024 ('000)
	Corn	All Barangay	6,000	GF, NGA's	2,000	2,000	2,000		
	Vegetables	All Barangay	1,500	GF, NGA's	500	500	500		
24	Procurement of Fertilizer	All Barangay	6,000	GF, NGA's	2,000	2,000	2,000		
25	Procurement of Anti-Rabies	All Barangay	1,500	GF, NGA's	400	500	600		
	-Vaccines	All Barangay	-	GF, NGA's					
	-Dewormer	All Barangay	-	GF, NGA's					
	-Vitamins	All Barangay	-	GF, NGA's					
	-Vaccines for Livestock	All Barangay	-	GF, NGA's					
26	Attend Seminars, Trainings & workshops related to :	All Barangay	1,200	GF	350	400	450		
	-Crop Production	All Barangay	-	GF					
	-Livestock Production	All Barangay	-	GF					
	-Fishery Production	All Barangay	-	GF					
	-Monitoring & Evaluation	All Barangay	-	GF					
	-Skills Training	All Barangay	-	GF					
27	Conduct Seminars, Trainings & workshops related to :	All Barangay	900	GF	250	300	350		
	-Livelihood Skills Training	All Barangay	-	GF					
	-Production Skills Training	All Barangay	-	GF					
	Operation & Maintenance of Pre & Post Harvest Facilities	All Barangay	-	GF					
	-Organic Production	All Barangay	-	GF					
	-Demo Farms	All Barangay	-	GF					
	-Livestock Production	All Barangay	-	GF					
28	Attend Conventions, Meetings, Seminars, Workshops, Team	All Barangay	1,000	GF	100	150	200	250	300
29	Building, Managerial Training and other activities related to :		-						
	Municipal Agriculture	All Barangay	900	GF	250	300	350		
	Municipal Assessor	All Barangay	1,750	GF	200	350	400	400	400
	Dept. Agrarian Reform	All Barangay	900	GF	450	200	250		
	Licensing Sector	All Barangay	750	GF	200	250	300		
	Meat Inspector	All Barangay	1,500	GF	200	250	300	350	400
30	Maintenance of Public Market	Halapitan, San Fernando	3,650	GF	600	650	700	800	900
31	Maintenance of Public Terminal	Halapitan, San Fernando	3,100	GF	500	500	600	700	800
32	Establishment of Electronic BPLS System	Halapitan, San Fernando	520	GF	50	50	70	150	200
33	Conduct of Business One Stop Shop	San Fernando	1,750	Other Ser	350	350	350	350	350
34	CP-Wash	Halapitan, San Fernando	300	LGU,DAR	100	100	100		
		Little Baguio	-						
		Mabuhay	-						
		Tugop	-						
		Namnam	-						
		Iglugsad	-						
		Magkalungay	-						
		Nacabuklad	-						
		Sacramento Valley	-						
		Cawayan	-						

PROGRAMS/PROJECTS/ACTIVITIES		LOCATION	ESTIMATED COST ('000)	FUNDING SOURCE	2020 ('000)	2021 ('000)	2022 ('000)	2023 ('000)	2024 ('000)
<b>ECONOMIC SECTOR</b>			-						
<b>MAGRO</b>									
1	Provision of High Quality Seeds and Fertilizer		-						
	A. Distribution of Seeds		-						
	a. Hybrid Rice Seeds Distributed	All Barangays	6,250	LGU, DA, other NGA	1,000	1,000	1,250	1,500	1,500
	b. Inbred-Registered Rice Seeds Distributed	All Barangays	104	-do-	16	16	20	24	28
	c. Inbred-Certified Reice Seeds Distributed	All Barangays	50,960	-do-	9,880	9,880	10,400	10,400	10,400
	d. Hybrid Corn Seeds Distributed	All Barangays	155,000	-do-	25,000	25,000	30,000	35,000	40,000
	e. OPV Corn Seeds Distributed	All Barangays	7,750	-do-	1,250	1,250	1,500	1,750	2,000
	f. Vegetable Seeds Distributed	All Barangays	15,500	-do-	2,500	2,500	3,250	3,500	3,750
	g. Abaca Seedlings Distributed	All Barangays	5,750	-do-	1,000	1,000	1,250	1,250	1,250
	h. Coconut Seedlings Distributed	All Barangays	5,750	-do-	1,000	1,000	1,250	1,250	1,250
	i. Cacao Seedlings Distributed	All Barangays	7,750	-do-	1,250	1,250	1,500	1,750	2,000
	j. Oil Palm Seedlings Distributed	All Barangays	1,550	-do-	250	250	350	350	350
	k. Rubber Seedlings Distributed	All Barangays	3,250	-do-	500	500	600	750	900
	B. Support to Seed Production		-						
	a. Postharvest Machinery and Equipment, Seed Cleaner	All Barangays	2,000	LGU, DA, other NGA	400	400	400	400	400
	b. Farmer's Training on Seed Production	All Barangays	250	-do-	50	50	50	50	50
	c. Seed Grower's Training	All Barangays	250	-do-	50	50	50	50	50
	C. Fertilizer and Soil Ameliorants		-						
	a. Fertilizer		-						
	- Organic	All Barangays	212,800	LGU, DA, other NGA	39,200	39,200	44,800	44,800	44,800
	- Inorganic	All Barangays	912,000	-do-	168,000	168,000	192,000	192,000	192,000
	b. Soil Ameliorants	All Barangays	650	-do-	100	100	150	150	150
	c. Soil Inoculants	All Barangays	800	-do-	100	100	150	200	250
	D. Trainings for Farmers and Farm Organizations		-						
	a. Farmer Field School	All Barangays	250	LGU, DA, other NGA	50	50	50	50	50
	b. Farmer's Field Day	All Barangays	500	-do-	100	100	100	100	100
	c. Model Farm Technology Demonstrations	All Barangays	2,000	-do-	400	400	400	400	400
	d. Modular Trainings for Farmers	All Barangays	1,250	-do-	250	250	250	250	250
	e. Technology Briefing	All Barangays	-	-do-					
	- Briefing on Seed Technologies (hybrid, inbred-certified)	All Barangays	500	-do-	100	100	100	100	100
	f. Establishment of Rice-based Learning Sites	All Barangays	500	-do-	100	100	100	100	100
	g. Livelihood Skills Training	All Barangays	500	-do-	100	100	100	100	100
	h. Good Agricultural Practices (GAP) Training	All Barangays	500	-do-	100	100	100	100	100
	i. School-on-Air (SOA) Program	All Barangays	1,000	-do-	200	200	200	200	200
	E. Organizational Development								
	a. Rural Based Organization Organized/Reorganized	All Barangays	200	LGU, DA, other NGA	40	40	40	40	40
	F. Support to LGU Extension Workers								
	a. Hiring of Regional Rice Specialists	All Barangays	500	LGU, DA, other NGA	100	100	100	100	100
	b. Training of Trainors (AEWs, LFT, AgriDoc)	All Barangays	1,250	-do-	250	250	250	250	250



PROGRAMS/PROJECTS/ACTIVITIES		LOCATION	ESTIMATED COST ('000)	FUNDING SOURCE	2020 ('000)	2021 ('000)	2022 ('000)	2023 ('000)	2024 ('000)
	c. Technology updating/retooling for AEWs	All Barangays	500	-do-	100	100	100	100	100
	d. Training for Local Farmer Technicians	All Barangays	500	-do-	100	100	100	100	100
	G. Rice Crop Manager Development and Deployment		-						
	a. Intensive Field Deployment of RCM	Little Baguio, Halapitan, Candelaria, Magkalungay, Namnam, Palacpacan, Kawayan, Cayaga, Sto. Domingo	50	LGU, DA, other NGA	10	10	10	10	10
	H. IEC Activities		-						
	a. Print Disseminated	All Barangays	375	LGU, DA, other NGA	75	75	75	75	75
	b. Audio Visual Disseminated	All Barangays	200	-do-	40	40	40	40	40
	c. Advertisement published	All Barangays	100	-do-	20	20	20	20	20
	d. Video materials Released	All Barangays	150	-do-	30	30	30	30	30
	e. Radio Programs Aired	All Barangays	250	-do-	50	50	50	50	50
	f. Radio Plugs Aired	All Barangays	100	-do-	20	20	20	20	20
	g. TV Jingles/Plugs Aired	All Barangays	500	-do-	100	100	100	100	100
	h. Advertisement Aired	All Barangays	500	-do-	100	100	100	100	100
2	Improvement of Irrigation Capacity (Construction, Establishment, Rehabilitation, Restoration)		-						
	A. Small Scale irrigation Project (SSIP) Construction/Installation		-						
	a. Small Water Impounding Project	All Barangays	2,000	LGU, DA, NGA	400	400	400	400	400
	b. Diversion Dam	All Barangays	200,000	-do-	40,000	40,000	40,000	40,000	40,000
	c. Small Farm Reservoir	All Barangays	10,000	-do-	2,000	2,000	2,000	2,000	2,000
	d. Pump and Engine Sets for Shallow Tube Well (STW) including Drilling	All Barangays	10,000	-do-	2,000	2,000	2,000	2,000	2,000
	e. Spring Development	All Barangays	6,000	-do-	1,200	1,200	1,200	1,200	1,200
	f. Pump Irrigation System Open Source (PICOS)	All Barangays	30,000	-do-	6,000	6,000	6,000	6,000	6,000
	g. Solar Powered Irrigation System	All Barangays	100,000	-do-	20,000	20,000	20,000	20,000	20,000
	h. Irrigation Canal	All Barangays	10,040,000	-do-	10,000	10,000	10,000	10,000,000	10,000
	B. Small Scale Irrigation Project (SSIP) Rehabilitation and Improvement		-						
	a. Small Water Impounding Project	All Barangays	2,000	LGU, DA, NGA		500	500	500	500
	b. Diversion Dam	All Barangays	8,500	-do-	1,500	2,000	2,500	2,500	
	c. Small Farm Reservoir	All Barangays	5,000	-do-	1,000	1,000	1,000	1,000	1,000
	d. Irrigation Canal	All Barangays	19,000	-do-	3,000	4,000	4,000	4,000	4,000
	C. National/Communal Irrigation Systems		-						
	a. NIS		-						
	- New	All Barangays	100,000	LGU, NIA, DA, other NGA	20,000	20,000	20,000	20,000	20,000
	- Rehabilitated	All Barangays	20,000	-do-	4,000	4,000	4,000	4,000	4,000
	b. CIS		-						
	- New	All Barangays	30,000	-do-	6,000	6,000	6,000	6,000	6,000
	- Rehabilitated	All Barangays	5,000	-do-	1,000	1,000	1,000	1,000	1,000
3	Farm Mechanization thru Farm Service Centers		-						

PROGRAMS/PROJECTS/ACTIVITIES		LOCATION	ESTIMATED COST ('000)	FUNDING SOURCE	2020 ('000)	2021 ('000)	2022 ('000)	2023 ('000)	2024 ('000)
	a. Establishment of Farm Service Centers		-						
	- Package of Training and Machinery and Equipment and Facility	Halapitan, Sto. Domingo, Kalaogangan	-	LGU, DA, other NGA					
4	Provision of Farm-Production Related Machinery and Equipment		-						
	A. Provision of Farm Production- related Machinery and Equipment to Farmers Organization		-						
	a. 4WD Tractors (35-45 hp) with Accessories	All Barangays	12,000	LGU, DA, other NGA	2,400	2,400	2,400	2,400	2,400
	b. 4WD Tractors (95 hp) with Accessories	All Barangays	7,500	-do-	1,500	1,500	1,500	1,500	1,500
	c. Hand Tractors with Accessories	All Barangays	5,000	-do-	1,000	1,000	1,000	1,000	1,000
	d. Floating Tiller	All Barangays	12,500	-do-	2,500	2,500	2,500	2,500	2,500
	e. Fertilizer Applicator	All Barangays	15,000	-do-	3,000	3,000	3,000	3,000	3,000
	f. Transplanter-Walk Behind	All Barangays	6,750	-do-	1,350	1,350	1,350	1,350	1,350
	g. Transplanter-Riding	All Barangays	6,250	-do-	1,250	1,250	1,250	1,250	1,250
	h. Mechanical Weeder	All Barangays	10,000	-do-	2,000	2,000	2,000	2,000	2,000
	i. Direct Seeder-Riding Type	All Barangays	24,000	-do-	4,800	4,800	4,800	4,800	4,800
	B. Establishment of Farm Service Providers (FSP)		-						
	a. Training on Operation and Maintenance of farm Machinery and Equipment	All Barangays	500	LGU, DA, other NGA	100	100	100	100	100
	b. Provision of Farm Machinery and Equipment	All Barangays	15,000	-do-	3,000	3,000	3,000	3,000	3,000
	c. Support Operationalization, Working Capital through Credit	All Barangays	12,500	-do-	2,500	2,500	2,500	2,500	2,500
	C. Trainings and Other Related Activities		-						
	a. Techno Demo on Land Consolidation and Contiguous Farming	All Barangays	250	LGU, DA, other NGA	50	50	50	50	50
	b. Training on Operation and Maintenance of Farm Machinery and Equipment	All Barangays	250	-do-	50	50	50	50	50
5	Provision of Postharvest Machinery, Equipment and Establishment of Postharvest Facilities		-						
	A. Postharvest Machinery and Equipment		-						
	a. Rice Combine Harvester (w/ and	All Barangays	18,000	LGU, DA,	3,600	3,600	3,600	3,600	3,600
	b. Thresher	All Barangays	7,500	-do-	1,500	1,500	1,500	1,500	1,500
	c. Seed Cleaner	All Barangays	2,000	-do-	400	400	400	400	400
	d. Reaper	All Barangays	10,000	-do-	2,000	2,000	2,000	2,000	2,000
	e. Compact Rice Mill	All Barangays	7,500	-do-	1,500	1,500	1,500	1,500	1,500
	f. Recirculating Dryer	All Barangays	34,600	-do-	6,920	6,920	6,920	6,920	6,920
	g. Collapsible Dryer Case	All Barangays	2,500	-do-	500	500	500	500	500
	h. Solar Bubble Dryer	All Barangays	2,500	-do-	500	500	500	500	500
	i. Mobile Flash Dryer	All Barangays	15,000	-do-	3,000	3,000	3,000	3,000	3,000
	j. Grain Collector	All Barangays	12,500	-do-	2,500	2,500	2,500	2,500	2,500
	k. Mobile Rice Mill	All Barangays	3,500	-do-	700	700	700	700	700
	l. Corn Sheller	All Barangays	4,250	-do-	850	850	850	850	850
	m. Abaca Decorticating Machine	All Barangays	7,500	-do-	1,500	1,500	1,500	1,500	1,500
	n. Cassava Chipper	All Barangays	2,000	-do-	400	400	400	400	400
	o. Hammer Mill	All Barangays	2,000	-do-	400	400	400	400	400
	p. Shredder	All Barangays	1,250	-do-	250	250	250	250	250
	B. Postharvest Facilities		-						
	a. Drying Facilities		-						
	- Multi-Purpose Drying Pavement (MPDP)	All Barangays	20,000	LGU, DA, other NGA	5,000	2,500	2,500	5,000	5,000
	b. Storage Facilities		-						

PROGRAMS/PROJECTS/ACTIVITIES		LOCATION	ESTIMATED COST ('000)	FUNDING SOURCE	2020 ('000)	2021 ('000)	2022 ('000)	2023 ('000)	2024 ('000)
	- Warehouse	All Barangays	39,000	-do-	7,500	7,500	7,500	7,500	9,000
	- Palayshed	All Barangays	13,000	-do-	2,500	2,500	2,500	2,500	3,000
	- Machinery Repair Tool Sets	All Barangays	5,000	-do-	1,000	1,000	1,000	1,000	1,000
	c. Improvement of Existing Rice Processing Centers (RPCs)	Halapitan	1,500	-do-	-	-	500	500	500
	d. Establishment of Rice Processing Centers (RPCs)	Halapitan, Namnam, Kalagangan	10,000	-do-	2,000	2,000	2,000	2,000	2,000
	C. Trainings		-						
	a. Competency-based Training on Drying Operation and Basic Maintenance (Makinadong Maasasaka) for Farm Service Centers Specialized Training on Operation and Maintenance of Farm	All Barangays	250	LGU, DA, other NGA	50	50	50	50	50
	b. Machinery, Equipment and Facilities	All Barangays	250	-do-	50	50	50	50	50
	c. Operation Management Training	All Barangays	250	-do-	50	50	50	50	50
	D. Credit Assistance		-						
	a. Credit Program for Working Capital to support Operationalization of Custom Service Providers	All Barangays	2,500	LGU, DA, other NGA	500	500	500	500	500
6	Establishment Rice Processing and Transport Facilities and Infrastructure		-						
	A. Improvement of Postharvest Machinery and Equipment		-						
	a. Provision of Postharvest Machinery, Equipment and Facility		-						
	- Recirculating Dryer	All Barangays	15,000	LGU, DA, other NGA	3,000	3,000	3,000	3,000	3,000
	- Retrofitting of Recirculating Dryer	All Barangays	5,000	-do-	1,000	1,000	1,000	1,000	1,000
	- Multi-purpose Drying Pavement	All Barangays	25,000	-do-	5,000	5,000	5,000	5,000	5,000
	- Bulk Handling System Drying Facilities	All Barangays	25,000	-do-	5,000	5,000	5,000	5,000	5,000
	b. Provision of Rice Mill Multi-Pass	All Barangays	7,500	-do-	1,500	1,500	1,500	1,500	1,500
	c. Provision of Storage Facility	All Barangays	37,500	-do-	7,500	7,500	7,500	7,500	7,500
	B. Improvement of Transport and Handling		-						
	a. Provision of Hauling Truck	All Barangays	50,000	-do-	10,000	10,000	10,000	10,000	10,000
	b. Construction of Farm-to-Market Roads in key Rice Areas	All Barangays	4,320,000	-do-	864,000	864,000	864,000	864,000	864,000
	C. Marketing (Market Linkage of Existing Organized Farmer Groups and RPC)		-						
	a. To Institutional Buyers	All Barangays	1,000	LGU, DA, other NGA	200	200	200	200	200
	b. Mainstream Rice Corporate Farming Scheme with RPCs	All Barangays	1,000	-do-	200	200	200	200	200
	c. Market related Infra (e.g. E- trading System, Food Lane, Market- Information Center)	All Barangays	2,500	-do-	500	500	500	500	500
	d. Barangay Food Terminal	All Barangays	7,500	-do-	1,500	1,500	1,500	1,500	1,500
	D. Trainings		-						
	a. Training Support to Corporate Farming	All Barangays	250	LGU, DA, other NGA	50	50	50	50	50
	b. Promotional Activities related Contract Farming/Growing Scheme	All Barangays	250	-do-	50	50	50	50	50

PROGRAMS/PROJECTS/ACTIVITIES		LOCATION	ESTIMATED COST	FUNDING SOURCE	2020 ('000)	2021 ('000)	2022 ('000)	2023 ('000)	2024 ('000)
	d. Operation Management Training	All Barangays	250	-do-	50	50	50	50	50
7	Capacity-building of Rice Farmers to Undertake non-Rice Agriculture Livelihood Opportunities		-						
	A. Capacity-buildings on Non-Rice Agriculture		-						
	a. Agri-business	All Barangays	250	LGU, DA, other NGA	50	50	50	50	50
	b. Non-rice based Farming System	All Barangays	250	-do-	50	50	50	50	50
	c. Competency-based Trainings (TESDA)	All Barangays	250	-do-	50	50	50	50	50
	d. Organizational Development	All Barangays	250	-do-	50	50	50	50	50
8	Capacity-building of Farm Workers to undertake Non-rice Agriculture and Non-agriculture Livelihood Opportunities		-						
	A. Capacity-building on Non-Rice Agriculture and Livelihood Opportunities		-						
	a. Mekanikong Magsasaka	All Barangays	250	LGU, DA, other NGA	50	50	50	50	50
	b. Non-rice Agriculture	All Barangays	250	-do-	50	50	50	50	50
	c. Competency-based Trainings (TESDA)	All Barangays	250	-do-	50	50	50	50	50
	d. Organizational Development	All Barangays	250	-do-	50	50	50	50	50
9	Farmer Financial Assistance		-						
	A. Number of Rice Farmers Needing Financial Assistance	All Barangays	12,500	LGU, DA, other NGA	2,500	2,500	2,500	2,500	2,500
10	Diversification of Farm Income through Rice-Based Farming System, Value-adding Activities and other Agri- related Income Sources		-						
	A. Crop Diversification		-						
	a. Palayamanan	All Barangays	2,000	LGU, DA, other NGA	400	400	400	400	400
	b. Training with Starter Kits (seeds, planting materials, stock farm animals)	All Barangays	10,000	-do-	2,000	2,000	2,000	2,000	2,000
	c. Credit Assistance	All Barangays	5,000	-do-	1,000	1,000	1,000	1,000	1,000
	d. Marketing Assistance (e.g. Market-related Infra, Packaging, Linkages and Enterprise Development)	All Barangays	1,000	-do-	200	200	200	200	200
	B. Value-adding Activities		-						
	a. Trainings on Agribusiness and Non-rice Based Farming System	All Barangays	500	LGU, DA, other NGA	100	100	100	100	100
	b. Credit Assistance to Support Capitalization and Operationalization of Enterprise Developed	All Barangays	5,000	-do-	1,000	1,000	1,000	1,000	1,000
	c. Marketing Assistance (e.g. Market-related infra, Packaging, Linkages and Enterprise Development)	All Barangays	500	-do-	100	100	100	100	100
	C. Community-based Mushroom Projects		-						
	a. Trainings	All Barangays	500	LGU, DA, other NGA	100	100	100	100	100

PROGRAMS/PROJECTS/ACTIVITIES		LOCATION	ESTIMATED COST ('000)	FUNDING SOURCE	2020 ('000)	2021 ('000)	2022 ('000)	2023 ('000)	2024 ('000)
	c. . Credit Assistance to Support Capitalization and Operationalization of Enterprise Developed	All Barangays	5,000	LGU, DA, other NGA	1,000	1,000	1,000	1,000	1,000
	D. Support to Specialty rice Production, Processing and Value- adding (e.g. Organic Rice, Traditional, Heirloom Rice)		-						
	a. Trainings (Production Technologies and Crop Management, Organization Development)	All Barangays	250	LGU, DA, other NGA	50	50	50	50	50
	b. marketing Assistance (e.g. Market related infra, Packaging, Linkages and enterprise Development) to support exploration of quality aromatic, organic and pigmented rice.	All Barangays	250	-do-	50	50	50	50	50
11	Animal Disease Prevention and Control Program		-						
	A. Anti-rabies Vaccination	All Barangays	1,000	LGU, DA, other NGA	200	200	200	200	200
	B. Vaccination of Small and Large Ruminants	All Barangays	1,000	-do-	200	200	200	200	200
	C. Vitamins Supplementation of Small and Large Ruminants	All Barangays	1,000	-do-	200	200	200	200	200
	D. Training on Animal Diseases and Control Program	All Barangays	500	-do-	100	100	100	100	100
	E. Honorarium for Barangay Vaccinators	All Barangays	780	-do-	156	156	156	156	156
12	Animal Production Program		-						
	A. Artificial Insemination (AI) of Small and Large Ruminants	All Barangays	500	LGU, DA, other NGA	100	100	100	100	100
13	Establishment/Rehabilitation of Dog Impounding Facilities	Halapitan	5,000	LGU, DA, other NGA	1,000	1,000	1,000	1,000	1,000
		Namnam	5,000	-do-	1,000	1,000	1,000	1,000	1,000
		Kalagangan	5,000	-do-	1,000	1,000	1,000	1,000	1,000
14	Construction of Food Terminals/Bagsakan Center	Halapitan	7,500	-do-	1,500	1,500	1,500	1,500	1,500
		Namnam	7,500	-do-	1,500	1,500	1,500	1,500	1,500
		Kalagangan	7,500	-do-	1,500	1,500	1,500	1,500	1,500
15	Attend capacity Building, Managerial Training and other Activities related to Agriculture Office		1,500	LGU, DA, other NGA	300	300	300	300	300
16	Fishery Programs		-						
	A. Fingerlings Dispersal		500	LGU, BFAR, DA, other NGA	100	100	100	100	100
	B. Training on Fishery Production		500	-do-	100	100	100	100	100
	C. Training on Fish Processing		500	-do-	100	100	100	100	100
17	Creation of Barangay Agricultura; Workers		-						
	A. Honorarium for BAW		780	LGU, DA, NGA	156	156	156	156	156
	B. Quarterly Meeting		140	-do-	28	28	28	28	28
	C. Capability Building		500	-do-	100	100	100	100	100
	D. Midyear and Year-end Assessment		500	-do-	100	100	100	100	100
33	Fishery Trainings		1,000		100	150	200	250	300
34	Animal Disease Prevention & Control Program		-						
35	Animal Production Program		-						
36	Meat Inspection & Disease Surveillance Program		1,250	GF	150	200	250	300	350

PROGRAMS/PROJECTS/ACTIVITIES		LOCATION	ESTIMATED COST ('000)	FUNDING SOURCE	2020 ('000)	2021 ('000)	2022 ('000)	2023 ('000)	2024 ('000)
37	Animal Health Services		-						
38	Animal Routine Services		-						
39	Anti-Rabies Program		-						
40	IEC on Responsible Pet Ownership		-						
41	Massive IEC on insurance programs		-						
42	MSME Development Program	Negosyo Center SF	1,500	GF	200	250	300	350	400
43	Negosyo Centers	Negosyo Center SF	1,500	GF	200	250	300	350	400
44	Conduct Seminars, Trainings and Workshops to San Fernando Butcher's Association		1,000	GF	100	150	200	250	300
45	Monthly Water Sampling of San Fernando Water System	Halapitan	1,500	GF	200	250	300	350	400
46	Quarterly Physical Chemical Testing of San Fernando Water System	Halapitan	1,250	GF	150	200	250	300	350
47	Conduct Enhancement Training to San Fernando Water System Staff		1,500	GF	200	250	300	350	400
48	Repair & Maintenance of Slaughterhouse	Halapitan	2,000	GF	300	350	400	450	500
49	Repair & Maintenance of San Fernando Water System	Halapitan	3,500	GF	500	600	700	800	900
50	Repair & Maintenance of San Fernando Pay toilet	Halapitan	1,000	GF	100	150	200	250	300
51	Repair & Maintenance of Public Cemetery	Halapitan	1,250	GF	150	200	250	300	350
52	Establishment of Farmers Training Center	Halapitan	4,000	LGU & Partner Agencies	2,000	1,000	1,000		
53	Establishment of a Regular/Periodic	Namnam, Kal	2,000	BGU, LG	1,000	1,000			
54	Establishment of New Public Transportation Terminal	Halapitan	10,000			4,000	2,000	2,000	2,000
55	Establishment of New and Improved public Market Site	Halapitan	10,000		4,000	2,000	2,000	2,000	
56	Establishment/Construction of Tramline (Cable Line for Transportation of Farm Product in High Land Areas	Malayanan to Sac. Valley	3,000	LGU, Provincial Gov't	1,000	1,000	1,000		
57	Establishment and Operationalized One Agricultural Product A Municipal Identity	Halapitan	2,000	LGU	500	500	1,000		
58	Establishment/Operationalized and Develop San Fernando View Deck at the Hill Top that could Generate Income through Function Hall & Cottages	Sitio Palao, Mabuhay	10,000	LGU, BGU, National Gov't	3,000	2,000	3,000	1,000	1,000
59	Purchase of Sound System for SB Session Hall	San Fernando	200		200				
60	Purchase of Office Furniture and Fixtures	San Fernando	200		200				
<b>SECTOR : INFRASTRUCTURE</b>									
1	Construction of Level III Water System	Halapitan, Mabuhay, Nacabuklad, Tugop, Little Baguio	10,000	LGU/NGA	5,000	3,000	2,000		
			-						
3	Construction of Irrigation Dam & Canal	Malantao, Halapitan	5,000	DA/NGA	2,000	1,000	1,000	1,000	
4	Concreting of Sto. Domingo- Palacpacan-Dao Road Section	Sto. Domingo, Dao	10,000	LGU/NGA	2,000	2,000	2,000	2,000	2,000
		Palacpacan, San Fdo. Buk.	-						
5	Concreting of Mahayag-Iglugsad- Kibongkog Road	Namnam, Iglugsad Kibongkog	5,000	LGU/NGA	1,000	1,000	1,000	1,000	1,000
			-						

PROGRAMS/PROJECTS/ACTIVITIES		LOCATION	ESTIMATED COST ('000)	FUNDING SOURCE	2020 ('000)	2021 ('000)	2022 ('000)	2023 ('000)	2024 ('000)
6	Concreting of Durian - Matupe Road	Durian, Matup	3,000	Budgeted by DPWH	1,000	1,000	1,000		
7	Concreting of Little Baguio - Mawie - Kauswagan Road	Little Baguio	5,000	LGU/NGA	1,000	1,000	1,000	1,000	1,000
8	Concreting of Sacramento Valley - Malayanan Road	Sacramento Valley	5,000	LGU/NGA	1,000	1,000	1,000	1,000	1,000
9	Concreting of Malambago - Magkalungay Road	Magkalungay	3,000	LGU/NGA	1,000	1,000	1,000		
10	Construction of Kibongkog - Lindagay - Concepcion road	Kibongkog	5,000	LGU/NGA	1,000	1,000	1,000	1,000	1,000
11	Construction/Rehabilitation of Sto. Rosario, Sitio Bugca Palayang Bayan Sitio Road	Nacabuklad	5,000	LGU/NGA	1,000	1,000	1,000	1,000	1,000
12	Construction of Nala - Candelaria - Kawayan - <del>Magkalungay</del> - Namnam Road	Halapitan, Candelaria, Kawayan, Magkalungay, Namnam	7,000	LGU/NGA	2,000	2,000	1,000	1,000	1,000
			-						
13	Acquisition of designated area for the Const. of Slaughter House	Halapitan	-						
14	Construction of 2 Storey Apartelle	SF Eco Adventure Park	6,000	LGU	3,000	3,000			
15	Additional Construction of Swimming Pool	SF Eco- Adventure Park	3,000	LGU	2,000	1,000			
16	Completion of Perimeter Fence	SF Eco- Adventure Park	2,000	LGU	1,000	1,000			
17	Purchase of Furniture & Fixtures	SF Eco- Adventure Park	1,000		300	300	300	100	
18	Construction of Open Function Hall & Guard House	SF Eco- Adventure Park	2,000	LGU		1,000	1,000		
19	Landscaping	SF Eco- Adventure Park	3,000	LGU			1,000	1,000	1,000
20	Construction of Tourism Access Roads	SF Eco- Adventure Park	4,000	LGU		1,000	1,000	1,000	1,000
21	Hires of Security Personnel	SF Eco- Adventure Park	1,500	LGU	500	500	500		
22	Improvement of Zipline Facilities	SF Eco-Adven	1,500	LGU	500	300	300	200	200
23	Construction of PNP Bldg	Halapitan	5,000	NGA	5,000				
24	Construction of 1 Storey 20m X 30m Food Court	Halapitan	5,000	LGU/NGA	3,000	2,000			
25	Construction of 50 units Housing Projects		10,000	LGU	1,000	2,000	2,000	2,000	3,000
26	Construction of Perimeter Fence	New Cemetery, Halapitan	2,500	LGU	500	500	500	500	500
27	Construction of Drainage System	New Cemetery, Halapitan	7,000	LGU	2,000	2,000	1,000	1,000	1,000
28	Construction of Guard House & CR	New Cemetery, Halapitan	1,500	LGU	500	500	500		
29	Construction of Garden Type	New Cemetery, Halapitan	2,000	LGU	1,000	1,000			
30	Construction of Access Roads	New Cemetery, Halapitan	1,500	LGU	1,000	500			

PROGRAMS/PROJECTS/ACTIVITIES		LOCATION	ESTIMATED COST ('000)	FUNDING SOURCE	2020 ('000)	2021 ('000)	2022 ('000)	2023 ('000)	2024 ('000)
31	Construction of Lighting System	New Cemetery, Halapitan	1,500	LGU	500	500	500		
32	Completion of Cadaver niche/apartment type	New Cemetery, Halapitan	3,000	LGU	1,000	500	500	500	500
33	Construction of perpetual bonitche	New Cemetery, Halapitan	2,000	LGU	500	500	500	500	
34	Construction of Ecumenical Chapel and Common Bone Depository	New Cemetery, Halapitan	2,500	LGU	1,500	500	500		
35	Construction of Waste Disposal Facility		-						
36	Acquisition of Area for Final Waste Disposal Facility		-						
37	Construction of 1 unit Store Room and Motorpool	Halapitan	2,500	LGU	1,500	500	500		
38	Construction of 50 units Solar Streetlights	Halapitan	5,000	LGU/NGA	1,000	1,000	1,000	1,000	1,000
39	Construction of 1 unit Cultural Heritage	Halapitan	2,000	LGU				1,000	1,000
40	Construction of Flood Control and Drainage System	Halapitan	6,000	LGU	2,000	1,000	1,000	1,000	1,000
41	Construction of RHU Concrete Perimeter Fence & Installation of Solar Perimeter Lights	Halapitan	2,000	LGU	500	500	1,000		
42	Construction of 23 Health Nutrition Post for 23 Barangays	Municipal Wid	5,400	DOH	2,000	2,000	1,400		
43	Rehabilitation of Malayanan-Apo Macote Road	Malayanan	2,500	LGU	500	500	500	500	500
44	Rehabilitation of Purok 4, Tugop to Purok 6, Malayanan	Malayanan	1,500	LGU	500	500	500		
45	Rehabilitation of Crossing Kawayan to Kaminongahan Road	Kawayan	2,500	LGU	500	500	500	500	500
46	Repair & Maintenance of Farm to Market Road	Municipal Wid	12,000	LGU/NGA	4,000	2,000	2,000	2,000	2,000
47	Repair of Roads form Crossing Purok 1 to New Cebu Little Baguio	Little Baguio	500	LGU	300	200			
48	Construction of Box Culvert Malayanan to Apo Macote Road	Malayanan	3,000	NGA				2,000	1,000
49	Construction of Box Culvert Purok 7 to Sta. Cruz Halapitan Road	Halapitan	1,500	LGU/NGA		1,000	500		
50	Rehab. of Purok 7-Sta. Cruz- Macabongbong-Halapitan EMR	Halapitan	500	LGU			500		
51	Construction & Beautification of SF Boulevard Sites	Halapitan	1,000	LGU	300	200	200	200	100
52	Construction of Houses for the Poor		10,000	NHA/LGU	2,000	2,000	2,000	2,000	2,000
53	Rehabilitation and Maintenance of 3.65 km Municipal Road including Slope Protection, Drainage Canal, Road Shouldering & other Maintenance works & Activities	San Fernando	9,125	LGU/NGA	1,825	1,825	1,825	1,825	1,825
54	Rehabilitation and Maintenance of 337.84 kms Barangay Roads such as Reshaping, Graveling, and Installation of cross drain & drainage canal and road graveling.	24 Brgy of San Fernando	84,460	Provincial Fund	16,892	16,892	16,892	16,892	16,892
55	Concreting of 17.5 Municipal & Barangay Roads	24 Brgy	108,000	LGU/NGA	36,000	36,000	36,000		
56	Upgrading the 14 kilometers Barangay & Municipal roads from gravel roads to concrete roads	24 Brgy.	14,000	LGU/NGA	2,800	2,800	2,800	2,800	2,800
57	Construction of footbridges		-						



PROGRAMS/PROJECTS/ACTIVITIES		LOCATION	ESTIMATED COST ('000)	FUNDING SOURCE	2020 ('000)	2021 ('000)	2022 ('000)	2023 ('000)	2024 ('000)
58	Rehabilitation and maintenance of existing footbridges	Nacabuklad, Halapitan, Candelaria, Kawayan, Magkalungay, Malayanan	2,500	LGU	500	500	500	500	500
60	Installation of water system	Tugop, Nacabuklad, Halapitan	13,000	LGU/NGA	5,000	2,000	2,000	2,000	2,000
61	Construction of Additional school buildings	24 Brgy.	240,000	DepED/D	48,000	48,000	48,000	48,000	48,000
62	Repair of existing and old classrooms	24 Brgy	24,000	DepED/D	4,800	4,800	4,800	4,800	4,800
64	Water & Sanitation		-						
65	Energized Schools		-						
66	DepEd Computerization Program (DCP)		-						
67	Repair of existing and old Health Centers		-						
68	ESWM		-						
<b>SECTOR : INST ITUTIONAL</b>			-						
1	Review & Enforcement of Regulatory Ordinances	SF Eco- Adventure Park	-						
	A. Three-Day Orientation/Review on the Existing Ordinances		-						
2	Updating of Local Revenue Code		600		300				300
	A. Seminar workshop on the Finalization of Revenue Code	Cagayan de oro City	-						
	B. Conduct of Public Hearing and Publication	Municipal Wide	-						
	C. Reproduction of Local Revenue Code	Municipal Wide	-						
3	Orientation on Internal Audit System	Malaybalay City	-						
	A. Creation of IAS		-						
4	Hiring of Additional Staff at MEO		-						
5	Purchase of Additional Heavy Equipment		-						
6	Mobilization of Project Monitoring Committee		-						
7	Implementation of E-System		-						
	A. Purchase of Equipments for E- System		-						
	B. Hiring of IT Personnel		-						
	C. Seminar/ workshop on E-System		-						
8	Land Banking	Municipal Wide	4,500	GF	1,500	1,500	1,500		
9	Creation of Different offices & Plantilla		-						
	A. Creation of PESO Office and Plantilla Position	Municipal	-						
	B. Creation of Tourism Office and Plantilla Position	Tourism Hall	300	GF	300				
	C. MOOE		-						
	D. Seminar on Touring Services		-						
	a. Reception/Table Setting		-						
	b. Housekeeping		-						
	c. Tour Guiding		750	GF	250	250	250		
	d. Landscaping		-						
	e. Flower Arrangement		-						
10	Attendance to Different Meetings, Conferences, Trainings and Conventions	Nationwide/ Scheduled	10,600	GF	3,500	3,500	3,600		
		Date & Venue	-						
11	Preparation on Formulation of all Municipal Plans and Barangay Budget	Municipal and Barangay	900		300	300	300		

PROGRAMS/PROJECTS/ACTIVITIES		LOCATION	ESTIMATED COST ('000)	FUNDING SOURCE	2020 ('000)	2021 ('000)	2022 ('000)	2023 ('000)	2024 ('000)
		wide	-						
12	Codification of Ordinances	Municipal	-						
13	Conduct of HRD Training	Nationwide	1,100		300	300	500		
	A. Values Orientation		-						
	B. ARTA		-						
	C. SPMS		-						
	D. Retirement Seminar Benefits such as : GSIS, Pagibig		-						
	E. Philhealth, BIR and SSS		-						
	F. COA Seminar		-						
	G. Civil Service Seminar		-						
	H. Team Building		-						
14	Conduct of other Trainings and Seminar		-						
	A. Student Career Guidance		-						
	B. SRS		-						
	C. Employment Orientation for Local and OFW		-						
	D. Barangay Record Keeping Seminar		-						
15	Creation of Local Youth Development Office (LYDO) & MOOF	Municipal	150	GF	50	50	50		
16	Creation of Plantilla Position for Agricultural Engineer	Municipal	-						
17	Legislative Enhancement Seminar	CDO	480		240			240	
18	Quasi Judicial Enhancement Seminar	CDO	480		240			240	
19	Codification Project	SF	200		40	40	40	40	40
20	Legislative Tracking Seminar	CDO	200		100			100	
21	Attendance to CSC Seminar	CDO	900		180	180	180	180	180
22	Public Hearing MMO Passed and Approved Ordinances by Barangay	San Fernando	500		100	100	100	100	100
23	Bench Marking on Legislative Tracking System	Bohol	200		200				
24	Updating of Citizens Charter	San Fernando	50		20	20	10		
25	Purchase of MTO Vehicle intended for tax Collection Campaign	San Fernando	1,500			1,500			
26	Updating & Maintenance Of BOS/ Electronic Budget Operation System		210	GF/LGU	30	40	40	50	50
27	Attendance to PAGBA, BOLD, PHILBO, MLLBO & other related Trainings, Meetings & Conventions		700	GF/LGU	100	100	100	200	200
28	Creation of 11 Plantilla Position		500	LGU		500			
29	Conduct Training on Budget Preparation of 24 Barangays		500		100	100	100	100	100
30	Annual Phil. Civil Service Month Celebration	LGU Wide	2,500	LGU	500	500	500	500	500
31	Human Resource Development:	LGU	-						
	A. Orientation		-						
	a. PRAISE Committee		60		20		20		20
	b. HRMPSB		60		20		20		20
	c. Grievance		60		20		20		20
	d. Personnel Development Committee		60		20		20		20
	e. Performance Management Team		60		20		20		20
	B. In-Home Trainings/Reorientation		60		20		20		20
	a. SPMS/Performance Target Setting		50		10	10	10	10	10
	b. New Entrance to Gov't Training		50		10	10	10	10	10
	C. Employee/Development Intervention		-						
	a. Attendance to Trainings		500		100	100	100	100	100
	D. Team Building		1,000		200	200	200	200	200

PROGRAMS/PROJECTS/ACTIVITIES		LOCATION	ESTIMATED COST ('000)	FUNDING SOURCE	2020 ('000)	2021 ('000)	2022 ('000)	2023 ('000)	2024 ('000)
	E. Recognition and Awards		300		60	60	60	60	60
	F. Tribute to Retirees		250		50	50	50	50	50
32	Public Employment Service Office - (PESO) Special Program for Employment of the Students (SPES)	Muni. Wide	3,150	LGU	500	600	650	700	700
33	Overseas Filipino Worker (OFW's) Livelihood Assistance	Mun. Wide	1,850	LGU	300	350	400	400	400
34	Government Internship Program (GIP)	Mun. Wide	1,600	LGU	300	300	300	350	350
35	Support to PESO;	Mun. Wide	1,600	LGU	300	350	350	300	300
	A. Training and Seminars								
	B. Career Coaching, Guidance and Counselling								
	C.Purchase of Laptop and Office Equipments								
	D. NSRS Trainings in Every Barangay								
<b>PPA Added on MDC Meeting</b>			-						
1	Establish (1) One BFP Sub Station	Kalagangan	7,200	BFP, NHQ	7,200				
2	Construction of Single Barrel Box Culvert (Bgry Proper to School Site)	Bonacao	-	LGU, Province, NGA					
3	Construction of 140 I.m. RCDG	Tugop	-	DPWH,					
4	Repair of Footbridge	Nacabuklad	-	LGU, Province, NGA					
5	Procurement of 3.6 has Housing Site	Kalagangan	-	LGU, Province					
6	Construction of Matimbus Bridge	Palapacan	-	PGO, DPWH, NGA					
7	Construction Potable Water System	Palapacan	-	LGU, Province, DILG.					
8	Construction of Grade 7 School Building	Palapacan	-	LGU,Province,DEP.					
9	Construction of 2 Storey Brqy Office	Palapacan	-	LGU, Province					
10	Rehabilitation of Covered Court	Palapacan	-	LGU, Province					
11	Concreting of Junction National Road to Sitio Mahayag, Sacramento Valley Road Section	Sacramento V	-	LGU,Province, DPWH,					
12	Concreting of Junction National Road to Sitio Balaas, Mabuhay Road Section	Mabuhay	-	LGU,Province, DPWH,NGA					
13	Application for Small Scale Mining	Dao	-						
		Kibongkog	-	LGU,Province,					
		Little Baguio	-	BENR					
<b>SOCIAL SECTOR: LDRRMO</b>									
<b>PREVENTION &amp; MITIGATION</b>									
1	Procurement & distribution of drought and Pests & Diseases resistance seeds and seedlings resilient to climate change.	San Fernando	1,000	LDRRMF	200	200	200	200	200
2	Establishment of Demonstration Farms on Sloping Agricultural Land Technology (SALT) and other appropriate climate resilient livelihood programs	San Fernando	5,000	LDRRMF	1,000	1,000	1,000	1,000	1,000
3	Conduct of plant and crop protection through integrated pest and disease management.	San Fernando	500	LDRRMF	100	100	100	100	100

PROGRAMS/PROJECTS/ACTIVITIES		LOCATION	ESTIMATED COST ('000)	FUNDING SOURCE	2020 ('000)	2021 ('000)	2022 ('000)	2023 ('000)	2024 ('000)
4	Creation of Municipal Pests & Disease Surveillance Officer/Team	San Fernando	200	LDRRMF	40	40	40	40	40
5	Strengthening of Bantay Peste/Dangan Brigade in the Barangays	San Fernando	200	LDRRMF	40	40	40	40	40
6	Conduct Climate-Smart Farm Business School	San Fernando	200	LDRRMF	40	40	40	40	40
7	Procurement of Biological Control Agents/Agricultural chemicals	San Fernando	200	LDRRMF	40	40	40	40	40
8	Conduct of promotional initiatives on sustainable agriculture, Good Agricultural Practices and Organic Agriculture, Agro-Forestry Farming System	San Fernando	400	LDRRMF	80	80	80	80	80
9	Buy-Back Program	San Fernando	25,000	LDRRMF	5	5	5	5	5
10	Rabies vaccination of dogs and cats/IEC	San Fernando	1,250	LDRRMF	250	250	250	250	250
11	Pre-exposure to vaccinators.	San Fernando	50	LDRRMF	10	10	10	10	10
12	Conduct inventory of informal settlers and census tagging in danger/hazard prone areas	San Fernando	250	LDRRMF	50	50	50	50	50
13	Conduct inventory, site inspection and evaluation/assessment of land potential for resettlement sites	San Fernando	100	LDRRMF	20	20	20	20	20
14	Land development and house constructions for resettlement sites for the informal settlers in danger/hazard prone areas	San Fernando	5,000	LDRRMF	1,000	1,000	1,000	1,000	1,000
15	Conducted Information, education and communication campaign to informal settlers in danger area	San Fernando	100	LDRRMF	20	20	20	20	20
16	Establishment of fire line/firebreak	San Fernando	1,000	LDRRMF	200	200	200	200	200
17	Purchase of firefighting equipment	San Fernando	500	LDRRMF	100	100	100	100	100
18	Procurement of Bamboo propagules.	San Fernando	1,500	LDRRMF	300	300	300	300	300
19	Reforestation on all denuded water sources/Care and maintenance of planted trees (Kawayan Spring)	San Fernando	1,000	LDRRMF	200	200	200	200	200
20	Tigwa riverbank rehabilitation	San Fernando	1,500	LDRRMF	300	300	300	300	300
21	Price monitoring & imposition of price	San	100	LDRRMF	20	20	20	20	20
<b>OTHER INFRASTRUCTURE:</b>									
22	Construction of houses in the resettlement areas	San Fernando	2,500	OCD LDRRMF PDRRMD	500	500	500	500	500
	Construction flood control	San Fernando							
24	Conduct of disaster awareness symposia in hazard prone areas	San Fernando	250	LDRRMF	50	50	50	50	50
25	Production, Provision, and Utilization of IEC materials, to wit, but not limited printed broadcast	San Fernando	5,000	LDRRMF	1,000	1,000	1,000	1,000	1,000

PROGRAMS/PROJECTS/ACTIVITIES		LOCATION	ESTIMATED COST ('000)	FUNDING SOURCE	2020 ('000)	2021 ('000)	2022 ('000)	2023 ('000)	2024 ('000)
Preparedness		San Fernando							
26	Setting up and Implementing of Unified Standard Municipal DRRM protocols, policies and system aligned to the National Standard DRRM protocol, policies and systems;	San Fernando	500	LDRRMF	100	100	100	100	100
27	Conduct of Information Drive Activities to LGUs, Govt. Agencies, Academe, and different Sectors of the community;	San Fernando	250	LDRRMF	50	50	50	50	50
28	Quarterly implementation of Simultaneous Multi-hazard drills and simulation	San Fernando	1,250	LDRRMF	250	250	250	250	250
29	Conduct of drills involving the vulnerable sector such as PWD's, elderly, women, children, etc.	San Fernando	250	LDRRMF	50	50	50	50	50
30	Conduct "Listong Pamilyang Pilipino "	San Fernando	250	LDRRMF	50	50	50	50	50
31	Development of Database Software System with monthly updated data	San Fernando	1,250	LDRRMF	250	250	250	250	250
32	Updating of DRRM-CCA Plans	San Fernando	250	LDRRMF	50	50	50	50	50
33	Purchase of communication equipment such as Signal Repeaters and Parabolic Antenna	San Fernando	1,000	LDRRMF	200	200	200	200	200
34	Formulation of Local Contingency plans on man-made and natural	San Fernando	500	LDRRMF	100	100	100	100	100
35	Conduct regular, emergency meetings and year-end assessment for PDRA, RDNA, PDANA for MDRRMC	San Fernando	250	LDRRMF	50	50	50	50	50
36	Stockpiling and prepositioning of food and non-food items	San Fernando	1,500	LDRRMF	300	300	300	300	300
37	Purchase of additional fire hydrants and other lacking DRRM equipment	San Fernando	2,500	LDRRMF	500	500	500	500	500
38	Conduct DRRM training to responders; PNP, BFP, Army, staff and council, etc.	San Fernando	500	LDRRMF	100	100	100	100	100
39	Conduct updating for C/BDRRM trainings;	San Fernando	500	LDRRMF	100	100	100	100	100
40	Conduct leveling off of DRRM best practices to other Municipalities;	San Fernando	300	LDRRMF	100	100	100	100	100
41	Briefing and orientation on ICS for Punong Barangay/Brgy. Official	San Fernando	250	LDRRMF	50	50	50	50	50
42	Formulation of local guidelines, SOP's and protocol	San Fernando	250	LDRRMF	50	50	50	50	50
43	Conduct series of Meetings and Planning Workshop	San Fernando	1,000	LDRRMF	200	200	200	200	200
44	Identification and clean-up of dengue infested areas	San Fernando	500	LDRRMF	100	100	100	100	100
45	Monitor the implementation of ordinance in relation to dengue control and prevention	San Fernando	250	LDRRMF	50	50	50	50	50
46	Purchase of emergency drugs and equipment through MOA with pharmacies	San Fernando	1,500	LDRRMF	300	300	300	300	300

PROGRAMS/PROJECTS/ACTIVITIES		LOCATION	ESTIMATED COST ('000)	FUNDING SOURCE	2020 ('000)	2021 ('000)	2022 ('000)	2023 ('000)	2024 ('000)
47	Provision of Maintenance & Other Operating Expenses (training & travel expenses, personnel services, honorarium, meals & snacks, board & lodging, office supplies, token, certificates, plaques, awards, & renewal of registration of base/handheld radio)	San Fernando	2,500	LDRRMF	500	500	500	500	500
48	Installation & Subscription of Landline telecommunication & internet	San Fernando	750	LDRRMF	150	150	150	150	150
49	Repair & Maintenance of rescue, office, communication equipment, motor vehicles, & heavy equipment	San Fernando	5,000	LDRRMF	1,000	1,000	1,000	1,000	1,000
50	Provision of Fuel, Oil, Cooking Gas & other Lubricants for Disaster Preparedness Activities, Disaster Operations & other Disaster related activities	San Fernando	10,000	LDRRMF	2,000	2,000	2,000	2,000	2,000
51	Purchase of medical supplies, personal protective equipment and rescue equipment: (refer to annexes PPMP)	San Fernando	5,000	LDRRMF	1,000	1,000	1,000	1,000	1,000
52	Procurement of Radio Base Communications Equipment for 24 Barangays	San Fernando	500	LDRRMF	100	100	100	100	100
53	Purchase of Ambulance for Rescue Emergency Vehicle	San Fernando	1,500	LDRRMF	3,000	3,000	3,000	3,000	3,000
54	Procurement of Office Equipment, to wit but not limited to:	San Fernando	2,500	LDRRMF	500	500	500	500	500
	Tables	San Fernando							
	Chairs	San Fernando							
	Computer Sets	San Fernando							
	White Board	San Fernando							
	LED Projector	San Fernando							
	Laptop	San Fernando							
	Camera, other necessary office equipment	San Fernando							
	Aircon	San Fernando							
55	Conduct series of trainings, drills, enhancement to responders and volunteers within the Province of Bukidnon	San Fernando	10,000	LDRRMF	2,000	2,000	2,000	2,000	2,000
56	Conduct DRRM related researches	San Fernando	5,000	LDRRMF	1,000	1,000	1,000	1,000	1,000
57	Conduct formal research and profiling of vulnerable groups and hazardous areas	San Fernando	200	LDRRMF	40	40	40	40	40
58	Conduct workshop for updating various DRRM-CCA Plans	San Fernando	1,000	LDRRMF	200	200	200	200	200
59	Conduct LDRRMC Quarterly Meeting	San Fernando	1,500	LDRRMF	300	300	300	300	300
60	Conduct LDRRMO Monthly Meeting	San Fernando	500	LDRRMF	100	100	100	100	100
61	Disaster Resilience Month Activities	San Fernando	1,750	LDRRMF	350	350	350	350	350
62	Community-Based Emergency Disaster & Assistance Response Training (CEDAR)	San Fernando	750	LDRRMF	150	150	150	150	150
63	Conduct Year-End Assessment	San Fernando	1,000	LDRRMF	200	200	200	200	200

PROGRAMS/ PROJECTS/ ACTIVITIES		LOCATION	ESTIMATED COST ('000)	FUNDING SOURCE	2020 ('000)	2021 ('000)	2022 ('000)	2023 ('000)	2024 ('000)
64	Conduct Summer Drown Proofing Activity	San Fernando	500	LDRRMF	100	100	100	100	100
65	SAFER 247 Quarterly Responders Enhancement Training	San Fernando	1,000	LDRRMF	200	200	200	200	200
66	Barangay Fire and Rescue Olympics	San Fernando	2,500	LDRRMF	500	500	500	500	500
67	Attend Provincial Rescue Olympic	Malaybalay City	1,250	LDRRMF	250	250	250	250	250
68	ICS Training for LDRRM Council	Cagayan De Oro	2,000	LDRRMF	400	400	400	400	400
69	DRRM Training for the youth	San Fernando	750	LDRRMF	150	150	150	150	150
70	Procurement of Rescue Vehicle Assistance to Barangay	San Fernando	10,000	LDRRMF	2,000	2,000	2,000	2,000	2,000
				OCDDRRMD					
71	Construction of Mobile Operation/Communication Center	San Fernando	5,000	OCDDRRMD	1,000	1,000	1,000	1,000	1,000
		San Fernando		PDRRMD					
		San Fernando		LDRRMF					
72	Construction of Water Collector for Evacuation Center	San Fernando	300	LDRRMF	300				
73	Repair and Maintenance of Evacuation Center	San Fernando	1,500	LDRRMF	300	300	300	300	300
74	Procurement of additional 2 SKW (Modified)	San Fernando	5,000	LDRRMF	1,000	1,000	1,000	1,000	1,000
	Response	San Fernando							
75	Activation of ICS	San Fernando	2,500	LDRRMF	500	500	500	500	500
76	Organization, briefing, and	San	250	LDRRMF	50	50	50	50	50
77	Conduct of actual Search and Rescue (SAR)	San Fernando	250	LDRRMF	50	50	50	50	50
78	Provision and mobilization of resources	San Fernando	250	LDRRMF	50	50	50	50	50
79	Organization, Briefing and deployment of retrieval team experts	San Fernando	250	LDRRMF	50	50	50	50	50
80	Actual conduct of retrieval operations	San Fernando	250	LDRRMF	50	50	50	50	50
81	Identification of retrieved bodies in holding areas	San Fernando	250	LDRRMF	50	50	50	50	50
82	Establishment of triage area.	San Fernando	250	LDRRMF	50	50	50	50	50
83	Provision of emergency medical assistance	San Fernando	1,000	LDRRMF	200	200	200	200	200
84	Conduct of medical consultation and treatment or referrals	San Fernando	250	LDRRMF	50	50	50	50	50
85	Farmers and farm worker's validation and master listing	San Fernando	250	LDRRMF	50	50	50	50	50
86	Conduct of Rapid Damage Assessment and Needs Analysis (RDANA)	San Fernando	500	LDRRMF	100	100	100	100	100
87	Collection, consolidation and validation of agency and LGU DANA reports	San Fernando	250	LDRRMF	50	50	50	50	50
88	Dissemination and distribution of consolidated and validated DANA Reports	San Fernando	250	LDRRMF	50	50	50	50	50
89	Interagency and LGU Coordination for search of missing persons	San Fernando	250	LDRRMF	50	50	50	50	50
90	Provision of financial assistance of families of dead, injured and missing persons	San Fernando	1,000	LDRRMF	200	200	200	200	200
91	Provision of emergency shelter assistance of families with no shelter	San Fernando	5,000	LDRRMF	1,000	1,000	1,000	1,000	1,000

PROGRAMS/ PROJECTS/ ACTIVITIES		LOCATION	ESTIMATED COST ('000)	FUNDING SOURCE	2020 ('000)	2021 ('000)	2022 ('000)	2023 ('000)	2024 ('000)
92	Master listing/Profiling of individual and families inside Evacuation Center	San Fernando	1,000	LDRRMF	200	200	200	200	200
93	Organization and establishment of committees in the Evacuation Center	San Fernando	100	LDRRMF	20	20	20	20	20
94	Facilitation of the provision of system for intimate conjugal activities or couple room in Evacuation Center	San Fernando	250	LDRRMF	50	50	50	50	50
95	Establishment of Police Assistance Action Center	San Fernando	1,000	LDRRMF	200	200	200	200	200
96	Setting up/ Establishment of spaces for women, children, elderly, Persons With Disability (PWDs), pregnant and lactating mothers	San Fernando	500	LDRRMF	100	100	100	100	100
97	Establishment of Women And Children Concerns Desk (WCCD)	San Fernando	250	LDRRMF	50	50	50	50	50
98	Activation of cluster approach mechanism in complex emergency situation	San Fernando	250	LDRRMF	50	50	50	50	50
99	Transport of goods and personnel especially in remote areas	San Fernando	2,500	LDRRMF	500	500	500	500	500
100	Storage, packing and repacking of goods	San Fernando	500	LDRRMF	100	100	100	100	100
101	Distribution of food and Non-Food Items (NFIs) to affected individual and families inside and outside ECs	San Fernando	10,000	LDRRMF	2,000	2,000	2,000	2,000	2,000
102	Activation of Surveillance Post Extreme in Emergency Disaster (SPEED)	San Fernando	250	LDRRMF	50	50	50	50	50
103	Conduct of environmental health services for vector control and personal hygiene	San Fernando	500	LDRRMF	100	100	100	100	100
104	Control of acute intestinal, respiratory and vaccine preventable diseases	San Fernando	500	LDRRMF	100	100	100	100	100
105	Distribution of Prophylaxis for Leptospirosis/	San Fernando	500	LDRRMF	100	100	100	100	100
106	Tetanus Toxoid /Anti-rabies vaccine/Anti-Venom	San Fernando	500	LDRRMF	100	100	100	100	100
107	Conduct of nutritional status survey and provision of appropriate intervention especially for children, women and the elderly	San Fernando	500	LDRRMF	100	100	100	100	100
108	Restoration of immunization and vitamin supplement	San Fernando	500	LDRRMF	100	100	100	100	100
109	Provision of Water Sanitation and Hygiene (WaSH) facilities	San Fernando	6,000	LDRRMF	2,000	2,000	2,000	2,000	2,000
110	Setting up of proper waste disposal system	San Fernando	500	LDRRMF	100	100	100	100	100
111	Conduct of critical incident stress debriefing to affected individuals and in Evacuation areas	San Fernando	2,500	LDRRMF	500	500	500	500	500
112	Provision of appropriate intervention or referral of mental and psychological cases as needed	San Fernando	250	LDRRMF	50	50	50	50	50
113	Establishment of temporary learning in ECs	San Fernando	300	LDRRMF	100	100	100	100	100
114	Conduct of special classes for affected children and individuals	San Fernando	250	LDRRMF	50	50	50	50	50
115	Implementation of cash and food for work program	San Fernando	5,000	LDRRMF	1,000	1,000	1,000	1,000	1,000



PROGRAMS/ PROJECTS/ ACTIVITIES		LOCATION	ESTIMATED COST ('000)	FUNDING SOURCE	2020 ('000)	2021 ('000)	2022 ('000)	2023 ('000)	2024 ('000)
116	Organization, briefing and deployment of clean up teams	San Fernando	250	LDRRMF	50	50	50	50	50
		San Fernando							
117	Provision of emergency livelihood projects	San Fernando	5,000	LDRRMF	1,000	1,000	1,000	1,000	1,000
118	Activation of backup system for power, water, and telecom facilities as needed	San Fernando	2,500	LDRRMF	500	500	500	500	500
119	Re-establishment of alternative access roads and bridges	San Fernando	2,500	LDRRMF	500	500	500	500	500
120	Identification and development of transitional shelter sites	San Fernando	2,500	LDRRMF	500	500	500	500	500
121	Screening, transfer and provision of transitional shelter units to qualified beneficiaries	San Fernando	1,000	LDRRMF	200	200	200	200	200
<b>RECOVERY AND REHABILITATION:</b>									
122	Restoration & rehabilitation of school buildings & facilities	San Fernando	10,000	LDRRMF	2,000	2,000	2,000	2,000	2,000
123	Conduct trainings on livelihood for the affected families	San Fernando	1,500	LDRRMF	300	300	300	300	300
		San Fernando							
124	Provision of input assistance on seeds, seedlings, fertilizer, fingerlings and livestock replacement stock	San Fernando	2,500	LDRRMF	500	500	500	500	500
125	Conduct monitoring and evaluation on the distribution of input assistance	San Fernando	1,000	LDRRMF	200	200	200	200	200
126	Conduct training on new farming methods	San Fernando	2,500	LDRRMF	500	500	500	500	500
127	Provision of immediate needs of animals (feeds/shelter)	San Fernando	2,500	LDRRMF	500	500	500	500	500
128	Provision of veterinary drugs and biologics to affected animals	San Fernando	1,500	LDRRMF	300	300	300	300	300
129	Replacement of lost animals through dispersal	San Fernando	10,000	LDRRMF	2,000	2,000	2,000	2,000	2,000
130	Assessment on the extent of damage on health facilities	San Fernando	150	LDRRMF	30	30	30	30	30
131	Identification of the extent of damage of forest areas;	San Fernando	5,000	LDRRMF	1,000	1,000	1,000	1,000	1,000
	Tree growing;								
	Monitoring of planted areas;								
	Identification of Persons affected								
132	Conduct of Information, Education & Communication on Environmental	San Fernando	1,000	LDRRMF	200	200	200	200	200
133	Rehabilitation of waste management facilities	San Fernando	5,000	LDRRMF	1,000	1,000	1,000	1,000	1,000
134	Personnel/manpower requirements	San Fernando	25,000	LDRRMF	5,000	5,000	5,000	5,000	5,000
135	Land area/site for Resettlement projects	San Fernando		PDRRMD					
	Funding for the land development of resettlement areas/projects (roads, drainage, water, power, etc.)	San Fernando		OCD					
	Funding for the construction of houses	San Fernando							
	Tenurial and/or title of house and lot awarded to calamity victims	San Fernando							
136	Deployment of RDANA Team	San Fernando	1,250	LDRRMF	250	250	250	250	250

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# ANNEXES

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Annex 1



Republic of the Philippines  
Province of Bukidnon  
Municipality of San Fernando

**OFFICE OF THE MUNICIPAL MAYOR**

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June 9, 2021

**THE HONORABLE MEMBERS  
SANGGUNIANG BAYAN**  
This Municipality

Thru: HON. NORBERTO I. CATALAN  
Municipal Vice Mayor

RECEIVED :

*Handwritten signature*  
M. Catalan

JUNE 10, 2021

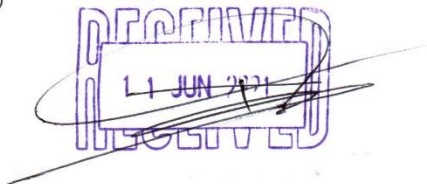
Dear Sir/Ma'am,

In line with our desire to ensure effective and efficient delivery of basic services for good local governance, the undersigned is requesting for a Special Session to pass a Resolution Approving and Adopting the Comprehensive Land Use Plan (CLUP) and Zoning Ordinance, 2019-2028 of the Municipality of San Fernando, Bukidnon.

Hoping for your immediate action and usual support.

*Handwritten signature*  
**LEVI C. EDMA**  
Municipal Mayor

Received 2 Sets  
(of 3 Volumes)



Annex 2



Republic of the Philippines  
Province of Bukidnon  
Municipality of San Fernando

**OFFICE OF THE MUNICIPAL MAYOR**

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May 21, 2021

**ENGR./EnP JESREL B. MANGUBAT**  
Provincial Planning and Development Coordinator  
Province of Bukidnon


Sir:

Respectfully submitting herewith the enhanced Draft of the Comprehensive Land Use Plan (CLUP) and Zoning Ordinance, 2019-2028 of the Local Government Unit of San Fernando, Bukidnon for your copy and perusal.

Please acknowledge receipt hereof.

Thank you and more power.

Very truly yours,

  
**LEVI C. EDMA**  
Municipal Mayor



Republic of the Philippines  
**PROVINCE OF BUKIDNON**  
Provincial Capitol 8700

**PROVINCIAL LAND USE COMMITTEE**

August 20, 2020

**Mayor Levi C. Edma, Sr.**  
Municipality of San Fernando

Dear Mayor Edma,


I am pleased to inform you that the Provincial Land Use Committee (PLUC) whose mandate is to assist the Sangguniang Panlalawigan in reviewing the Comprehensive Land Use Plans (CLUP) of component cities and municipalities has already completed the preliminary review of your Municipal CLUP.

With this, May I inform you that the deliberation of your CLUP covering the period of 2019 to 2028 is scheduled on September 3, 2020 at 9:00 am at the Provincial Planning and Development Office Conference Room.

You and ten (10) of your Municipal Land Use Committee (MLUC) and technical working group (TWG) through your Municipal Planning and Development Coordinator is requested to prepare a 15 – 20 minute power point presentation of your CLUP for the en banc review. May we also request you to submit in advance at least 15 copies of your executive summary to the Provincial Planning and Development Office PLUC Secretariat for distribution to the PLUC members.

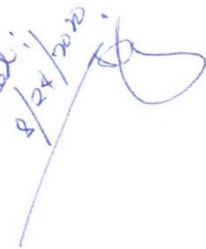
For inquiries you may contact Engr. Phoebe B. Petalcorin at telephone number 088-813-2564 or mobile number 0917-557-4545.

Very truly yours,



**HON. LORENZO L. DINLAYAN, JR.**  
Chairperson, Provincial Land Use Committee  
Board Member, Sangguniang Panlalawigan

Received:  
8/24/2020



Annex 4



Republic of the Philippines  
PROVINCE OF BUKIDNON  
Municipality of San Fernando



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**OFFICE OF THE MUNICIPAL MAYOR**

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July 30, 2020

**HON. LORENZO L. DINLAYAN, JR.**  
Chairperson, Provincial Land Use Committee (PLUC)/  
Board Member, Sangguniang Panlalawigan  
Malaybalay City

Thru:

**The Provincial Planning & Development Office**  
Malaybalay City

Dear Hon. Dinlayan:


The Local Government Unit (LGU) of San Fernando, Bukidnon had already submitted its Enhanced Draft of the Comprehensive Land Use Plan and Zoning Ordinance (2019-2028) with Comments and Recommendations from PLUC Members integrated in it. Hence, the LGU is now ready for a PLUC En Banc Review on any of following preferred dates:

1. August 20, 2020;
2. August 21, 2020;
3. September 3, 2020; or
4. September 10, 2020

Hoping for your favorable response on the Final Schedule of our Presentation and Deliberation/Review.

Thank you and more power.

Very truly yours,

  
**LEVI C. EDMA**  
Municipal Mayor

## Annex 5



Republic of the Philippines  
Province of Bukidnon  
Provincial Capitol, Malaybalay City, 8700



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### PROVINCIAL PLANNING AND DEVELOPMENT OFFICE

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#### CERTIFICATION

THIS IS TO CERTIFY that the Municipality of San Fernando has submitted their Comprehensive Land Use Plan (CLUP) to the Provincial Land Use Committee (PLUC), Province of Bukidnon, including pertinent documents required.

Said document was submitted to the PLUC last May 10, 2019 for initial comments and suggestions to further enhance the document and incorporate provincial policies that are deemed important to be included in the CLUP. An en banc review is soon to be conducted for the LGU San Fernando to present the CLUP before the Committee.

Given this 14<sup>th</sup> day of May 2019 at PPDO, Capitol Compound, Malaybalay City.

  
**Engr. JESREL B. MANGUBAT, EnP**  
Provincial Planning and Development Coordinator  
PLUC Vice-Chairperson

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☎ (088) 813 2564  
☎ (0917) 319 2637

✉ [bukidnonppdo@yahoo.com](mailto:bukidnonppdo@yahoo.com)



Republic of the Philippines  
PROVINCE OF BUKIDNON  
Municipality of San Fernando

**OFFICE OF THE MUNICIPAL MAYOR**

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May 10, 2019

**ENGR./EnP. JESREL B. MANGUBAT**  
*Prov'l. Planning & Development Coordinator/  
Vice Chairman, Prov'l. Land Use Committee (PLUC)*  
Malaybalay City



Sir:


Respectfully submitting herewith the Final Draft of the Comprehensive Land Use Plan (CLUP) and Zoning Ordinance, 2020-2029 of the Local Government Unit of San Fernando for your copy and perusal to wit:

- a. Three (3) Copies of the Final Draft of CLUP & Zoning Ordinance, 2020-2029*
- b. One (1) Set of Presentation Maps*

Please acknowledge receipt hereof.

Thank you and more power.

Very truly yours,

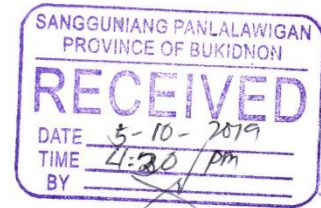
  
**LEVI C. EDMA**  
*Municipal Mayor*



Annex 7



Republic of the Philippines  
PROVINCE OF BUKIDNON  
Municipality of San Fernando



**OFFICE OF THE MUNICIPAL MAYOR**

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May 10, 2019

**THE HONORABLE MEMBERS**  
**SANGGUNIANG PANLALAWIGAN**  
This Province

Thru:

**HON. ROGELIO N. QUIÑO**  
*Provincial Vice Governor*  
Province of Bukidnon  
Malaybalay City

Sir:

Respectfully submitting herewith the Final Draft of the Comprehensive Land Use Plan (CLUP) and Zoning Ordinance, 2020-2029 of the Local Government Unit of San Fernando for your copy and perusal to wit:

- a. Three (3) Copies of the Final Draft of CLUP & Zoning Ordinance, 2020-2029
- b. One (1) Set of Presentation Maps

Please acknowledge receipt hereof.

Thank you and more power.

Very truly yours,

  
**LEVI C. EDMA**  
*Municipal Mayor*



**OFFICE OF THE SANGGUNIANG PANLALAWIGAN**

**EXCERPTS FROM THE MINUTES OF THE 4<sup>TH</sup> REGULAR SESSION OF THE  
 13<sup>TH</sup> SANGGUNIANG PANLALAWIGAN, PROVINCE OF BUKIDNON, HELD  
 ON TUESDAY, JULY 26, 2016 AT THE SANGGUNIANG PANLALAWIGAN  
 SESSION HALL, MALAYBALAY CITY, BUKIDNON.**

**PRESENT:** Vice Governor **ROGELIO N. QUIÑO**, Chairman & Presiding Officer  
 Board Member **NEMESIO B. BELTRAN, JR.**, Board Member/Floor Leader  
 Board Member **JAY S. ALBARECE**, 1<sup>st</sup> District  
 Board Member **ALEX P. CALINGASAN**, 1<sup>st</sup> District  
 Board Member **MANUEL L. DINLAYAN**, 2<sup>nd</sup> District  
 Board Member **MELCHOR P. MARAMARA**, 2<sup>nd</sup> District  
 Board Member **BENITO U. BAGUIO**, 3<sup>rd</sup> District  
 Board Member **GORDON M. TORRES**, 3<sup>rd</sup> District  
 Board Member **GINO ARMSTRONG D. GARCIA**, 4<sup>th</sup> District  
 Board Member **RANULFO E. PEPITO**, 4<sup>th</sup> District  
 Board Member **OLIVER OWEN L. GARCIA**, Ex-Officio rep. PCL  
 Board Member **ROELITO A. GAWILAN**, Ex-Officio-rep. FABC  
 Board Member **RICHARD D. MACAS**, Ex-Officio-rep. IPs

**ABSENT :** Board Member **MARIVIC R. MONTESCLAROS**, 3<sup>rd</sup> District

**RESOLUTION NO. 2016-058(13<sup>TH</sup> SP)**  
 (4<sup>th</sup> Regular Session)

**RESOLUTION RECOGNIZING THE MUNICIPALITY OF SAN  
 FERNANDO AS THE HANDICRAFT CENTER IN THE PROVINCE OF  
 BUKIDNON –**

Introduced by: Nemesio B. Beltran, Jr.  
 Board Member-2<sup>nd</sup> District  
 This Province

**WHEREAS**, in this part of the Province of Bukidnon, it is only in the town of San Fernando that we can find excellent handicraft makers;

**WHEREAS**, handicraft products are the entries of the town of San Fernando in the One Town One Product or OTOP that is being propagated by the Department of Tourism to highlight the best and marketable product in a particular LGU;

**WHEREAS**, there is a need to help the town of San Fernando to promote its handicraft products to the outside world so that this industry will flourish and will provide livelihood and employment opportunities to the people of San Fernando.

**NOW, THEREFORE**, on motion of Board Member Nemesio B. Beltran, Jr., and duly seconded by Board Member Alex P. Calingasan, be it:

**RESOLVED**, as it is hereby resolved, **RECOGNIZING THE MUNICIPALITY OF SAN FERNANDO AS THE HANDICRAFT CENTER IN THE PROVINCE OF BUKIDNON.**


**RESOLVED, FURTHER**, that copies of this resolution be furnished the DTI, National, Region X and Bukidnon Offices, DOT National and Region X Offices, Bukidnon Provincial Office, Municipal Tourism Office of San Fernando, Mayor and Sangguniang Bayan of San Fernando, for information, reference, and promotional support and assistance purposes.

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**I HEREBY CERTIFY** to the correctness of the foregoing resolution.

  
**ATTY. APOLLO A. MAGUALE**  
Secretary to the Sanggunian

APPROVED:

  
**ROGELIO N. QUIÑO**  
Provincial Vice Governor  
Chairman & Presiding Officer

EMD: lbe '16



Republic of the Philippines  
**PROVINCE OF BUKIDNON**  
City of Malaybalay



**OFFICE OF THE SANGGUNIANG PANLALAWIGAN**

March 14, 2019


HON. LEVI C. EDMA  
Municipal Mayor  
San Fernando, Bukidnon

Dear Mayor Edma:

I am pleased to transmit herewith the copy of RESOLUTION NO. 2016-058(13<sup>TH</sup> SP); RESOLUTION RECOGNIZING THE MUNICIPALITY OF SAN FERNANDO AS THE HANDICRAFT CENTER IN THE PROVINCE OF BUKIDNON; passed during the 4th Regular Session of the 13<sup>th</sup> Sangguniang Panlalawigan of Bukidnon, for information and reference.

Thank you for the opportunity to have been of service.

Very truly yours,

  
**ATTY. APOLLO A. MAGUALE**  
Secretary to the Sangguniang Panlalawigan

kolithtrans2019