

# Land Use Based Barangay Development Planning (LUB-BDP) Replication in Kapalong and Carmen Davao del Norte



# FINAL REPORT



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Conducted by;  
**The Volunteer Workers Association of  
Bondoc Peninsula Inc.(VWAB)**

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December , 2006

## **Municipal Planning and Development Team**

Refresher Course on Land Use Based  
Barangay Development Planning Facilitation  
Kapalong and Carmen, Davao, del Norte



### **TERMINAL REPORT**

#### **INTRODUCTION:**

With this engagement, VWAB observed and ensured to accomplished and comply with the following objectives:

##### **General Objective:**

- ☞ To further assist the LUB-BDP municipal facilitators in institutionalizing and replicating the LUB-BDP processes to other barangays.

##### **Specific Objectives:**

- ☞ To further enhance the facilitation skills of the trained municipal LUB-BDP facilitators in Land Use Based Barangay Development Planning
- ☞ Assist municipal LUB-BDP facilitators to improve capability in consolidating and packaging the plan
- ☞ Institutionalize in the municipal local government unit the land use based barangay development process

#### **TASKS ACCOMPLISHED AS PER TOR**

##### **A.1 LUB-BDP Review of the pilot barangay**

In the case of Kapalong and Carmen there were no pilot barangay where Land Use Planning was done. The MPD Team reviewed the Barangay Development plan facilitated by the PADCI to evaluate the implementation of the programs and project listed in the BDP. The barangay officials and the people of 3 target barangays in Kapalong and 2 barangay in Carmen are resolved to implement their development plans with support from the different agencies and donors.

##### **A.2 Training Needs Assessment**

Using a TNA instrument that was comprised of some questions to measure and identify different competencies of the participants, measuring the technical know-how and facilitation capability on Land Use Based Barangay Development Planning process, VWAB identified some items or topics that need enhancement at the training or input proper. Basically, PRA Tools facilitation is one of the identified needs focusing primarily on processing the output. Another need is the thematic map facilitation and dealing with a map.

### **A.3 Refresher Course Training Design**

After the Training Needs Assessment, VWAB formulated the training design with more focus on much needed technical input of the Municipal Planning and Development Team Members as LUB-BDP facilitators.

Schedule	Topic
Day 01 AM	<p><b>Preparatory Activity:</b></p> <ul style="list-style-type: none"> <li>• Prayer</li> <li>• National Anthem</li> <li>• Messages</li> </ul> <p>Getting to know and Expectation checking  <b>(Administer Pre Test Instrument)</b>            Course Overview</p> <ul style="list-style-type: none"> <li>• Objective of the activity</li> </ul> <p>Expected Roles: (UDP, PLGU, MLGU, BLGU, VWAB)            Expected Tasks of facilitators teams</p>
PM	<p><b>Participatory Planning Concept</b></p> <ul style="list-style-type: none"> <li>• Legal Basis</li> <li>• Hierarchy of Plan and Planning Bodies</li> </ul> <p>The Land Use Based Barangay Development Planning (LUB-BDP)</p> <ul style="list-style-type: none"> <li>• Framework / Process</li> </ul> <p><b>The PARTICIPATORY RURAL APPRAISSAL (PRA)</b></p> <ul style="list-style-type: none"> <li>• Pillars</li> <li>• Principles</li> </ul> <p>PRA Tools</p> <ul style="list-style-type: none"> <li>• Social Sector</li> <li>• Political Sector</li> </ul>
Day 02 AM	<p><b>Opening Activity</b></p> <ul style="list-style-type: none"> <li>• Recap</li> </ul> <p>PRA Tools</p> <ul style="list-style-type: none"> <li>• Economic Sector</li> <li>• Cultural Sector</li> <li>• Environment Sector</li> </ul> <p><i>PRA Demo Facilitation</i></p> <p><b>LAND USE PLANNING</b></p> <ul style="list-style-type: none"> <li>• Definitions and Dimensions</li> <li>• Maps and Basic map reading</li> </ul>
PM	<p><b>Reference Maps</b> (<i>Input on Data Requirements and Map production</i>)</p> <ul style="list-style-type: none"> <li>• Base Map</li> <li>• Road Network Map</li> <li>• Water Resource and Use Map</li> </ul> <p><b>Thematic Maps</b></p> <ul style="list-style-type: none"> <li>• Settlement and Infrastructures map</li> <li>• Tenurial Map</li> <li>• Flood Prone Areas Map</li> <li>• Erosion Prone Areas Map</li> <li>• Protected Areas Map</li> <li>• Current Land Use Map</li> </ul>
Day 03 AM	<p>Opening Activity</p> <ul style="list-style-type: none"> <li>• Recap</li> </ul> <p>Sieve Method and Map Analysis            Possible Land Use Conflicts and Land Use Conflict Map            Propose Land Use Planning            Possible Land Use Interventions and Land Use interventions Map</p>
PM	<p><b>Community Writeshop and LUB-BDP Packaging</b></p> <ul style="list-style-type: none"> <li>• LUB-BDP Data Requirements per Chapter</li> </ul> <p>Presentation of LUB-BDP Schedule            Team formulation, tasking and barangay assignment            Activity Evaluation</p>

#### **A.4 Facilitation of the Refresher Course**

During the conduct of the 3-day Refresher Course in the municipality of Kapalong, Davao del Norte, more than thirty participants registered on the first day, coming from the provincial, municipal and barangay level teams but 18 participants from the municipal and barangay level teams with one (1) PPDO representative were able to attend the whole duration of the 3-day refresher course on LUB-BDP. The eighteen participants were further characterized as follows: **9** regular participants from the municipal offices, wherein

- 1 individual was from the Municipal Agriculture Office;
  - 3 from the Municipal Planning and Development Office;
  - 2 from the Municipal Health Office;
  - 2 from the Municipal Tourism Office;
  - 1 from the Municipal Social Welfare and Development Office;
  - 2 from the Municipal Engineering Office;
  - 9** individuals from the barangay level [3 participants from each target barangay].
- There was also one (**1**) participant from the Provincial Planning and Development Office who observed the process and shared some perspectives of the PPDO on planning.

On the first day of the Kapalong LUB-BDP Refresher Course, some administrative arrangements and concerns were addressed such as transportation, meals, and sleeping quarters of the trainers/service provider. This refresher course was conducted last November 6 to 8, 2006 at the Ka Roger Training Center in **Kapalong**, Davao del Norte. Final arrangements reached by the service provider with the Kapalong LGU/MPDTeam was that VWAB, Inc. would rent a house for a month at P1,500.00 where they could stay while activities were on-going in Kapalong. VWAB, Inc. shouldered with the LGU the motorbike fuel expenses during field-based activities while lunch during the 3-day refresher course and barangay-based were shouldered by the MLGU using the savings from the 3-day refresher course budget counterpart of the municipal LGU.

During the LUB-BDP Refresher Course in the Municipality of **Carmen**, seventeen (17) participants attended throughout the refresher course held last November 22 to 24, 2006 at Do Dine Inn Restaurant in Panabo City. Nine (9) of the seventeen participants were all staff of the municipality, wherein:

- 1 individual represented the Municipal Agriculture Office;
- 3 individuals were from Municipal Planning Office;
- 2 individuals were from Municipal Assessors Office;
- 2 individuals were from Municipal Social Welfare Office;
- 1 individual from Municipal Engineering Office;
- 8 individuals were from the four (4) per target barangay.

The Provincial government of Davao del Norte thru the Provincial Planning and Development Office (PPDO) assigned 1 representative to observe the process and shared also the planning perspectives from their office. (Attendance sheets are attached as annexes)

**A.5 Facilitators' Team and Target Barangays**

The **Kapalong Facilitators** consist of individuals that composed 3 teams; each team with an average of 3 facilitators focused on their assigned barangay:

**A.5-1 Barangay Semong**

- 1. Gemma Cristie L. Vicada MPDO-Staff, Team Leader
- 1. Mateo E. Maquiling MSWDO-Staff, Team Member
- 2. Jonathan Braseleno MEO-Eng'r Aide, Team Member

**A.5-2 Barangay Florida**

- 1. Ma.Gerlie H. Quezon MPDO-Planning Asst Team Leader
- 2. Roman V. Gelicame MHO-RSI-1, Team Member
- 3. Nimfa E. Nerari MHO-Nurse II, Team Member
- 4. Nelson T. Anonuevo MEO-Eng'r Aide, Team Member

**A.5-3 Barangay Suaon**

- 1. Crispiniano C. Tayong, MPDO-Staff Team Leader
- 2. Jose L. Ramos Jr. MIO-Tourism Team Member
- 3. Lorenzo M. Betinol MAGRO-AT, Team Member

While in **Carmen**, all MPDTeam participants from the Local Government Unit were grouped according to their respective barangay assignment:

**A.5-4 Barangay Mabuhay**

- 1. Egdar Llana MAGRO-AT Team Leader
- 2. Leonila D. Quiblatin MASSO-Staff Members
- 3. Modesta C. Tadtad MPDO-Staff -do-
- 4. Susan L. Sabanal MSWDO-staff -do-

**A.5-5 Barangay Tubod**

1. Alfredo Uy	MPDO-Staff	Team Leader
2. Ramil R. Devilleres	MPDO-Staff	Members
3. Luzminda N. Atabelo	MSWDO	-do-
4. Ronil T Sagayno	MASSO-OIC	-do-
5. Anilyn S. Pansoy	MEO-Engr Ass't	-do-

During the conduct of the whole activity, all teams were supervised by the Municipal Planning and Development Coordinator (MPDC) of Kapalong, Mr. Alvin D. Agayan, Mr Alan E. Quezon Municipal Administrator of Kapalong and Municipal Planning Development Coordinator (MPDC) of Carmen Engr. Ronelo Fernandez. Along the process, their inputs were highly recognized, particularly on the current program thrusts of the Local Governments. This supervisory team was also urged to attend to the administrative concerns and the coordination with other offices and/or individuals for their presence and participation as the needs arise.

Each team has their assigned team leader to oversee the process and do some administrative decisions for the benefit of the facilitators and enhance coordination of different stakeholders. There are also assigned team documentors who will be the contact person in producing the LUB-BDP output of their respective barangays.

The VWAB facilitators assigned in Barangay Mabuhay, Carmen Davao del Norte encountered some problems on the weak participation from the community, barangay officials and the municipal facilitators assigned to do the task of replicating the process of LUB-BDP. The residents of barangay Mabuhay were too busy in harvesting bananas that caused delays in getting the data required to the formulation of Land Use based barangay development planning. The intervention made by the VWAB assigned was to schedule evening sessions to push for the participatory LUB-BDP while recognizing the community participants' need for their daytime livelihood activities.

**B. THE MILESTONE:**

Proposed over-all schedule of activity was presented and agreed by the municipal government of Kapalong and Carmen also confirming that there were no possible hindrances that may cause delay to the activity.

**Proposed Schedule of Activities in Kapalong** (kindly see the table below)

<b>Activity</b>	<b>Number of Days</b>	<b>Schedule</b>	<b>Venue</b>
Refresher Course	3	Nov 6 to 8 2006	Kapalong
LUB-BDP Facilitation	10 days	Nov 9 to Nov 22	Target Barangays
Barangay Assemblies and Critiquing	2	Nov 29 (PM)	Semong
		Nov 30 (AM) (PM)	Suaon Florida
Community Writeshop & Encoding	1	Nov 23 to 28	Kapalong
GIS Input to the Municipal team	2	Dec 12-13	Tagum/Capitol
MDC Presentations of initial Plans	1	December 4	Kapalong
Layouting and production of final draft	10 days	December 4 to 15	Kapalong
Sangguniang Bayan Adoption/Confirmation	1	December 11	Kapalong
Course Evaluation and Replication Planning	1	December 15	Kapalong

**Proposed Schedule of Activities in Carmen** (Kindly see the table below)

<b>Activity</b>	<b>Number of Days</b>	<b>Schedule</b>	<b>Venue</b>
Refresher Course	3	Nov. 22-24	Do dine Inn Panabo
LUB-BDP Facilitation	10 days	Nov. 27 Dec 11	Target Brgys
Barangay Assemblies and Critiquing	1	Dec 12 (AM)	Brgy. Tubod
		(PM)	Brgy.Mabuhay
Community Writeshop & Encoding	4	Dec. 12-15	Carmen
GIS Input to the	2	Dec. 12-13	Tagum/Capitol

Municipal team			
MDC Presentations of initial Plans	1	Dec. 14	Carmen
Layouting and production of final draft	10 days	Dec. 11-22	Carmen
Sangguniang Bayan Adoption/confirmation	1	Dec. 18	Carmen
Course Evaluation and Replication Planning	1	Dec. 19	Carmen

The process followed the schedule that has been presented to the municipal and barangay concerned persons in order to go with the process smoothly without any activities that might cause delay.

As of this day, (December 18, 2006), the MPDteam of Kapalong and Carmen are now on finalization and preparing the Land use based barangay development plans for final printing stage.

### **C. Perimeter Survey:**

Representatives coming from the PENRO and some from the Municipal Local Government Units of Kapalong & Carmen initiated the conduct of the Perimeter Survey in the target barangays. At the latter part of this activity, VWAB Inc. validated and advised/provided coaching to the MPDTeams on the resurveys of the rivers and road networks of the target barangays.

Commonly, on the barangay and municipal levels, boundary conflicts were raised and discussed with a clear understanding that the said survey and also the maps are not authoritative but have reliable data that can be used for the formulation of the land use-based barangay development planning activity.

#### **C.1 Participatory Rural Appraisal (PRA):**

To be able to assess and identify the different sectoral situations of the target barangays, participatory tools were introduced and facilitated, focusing more on socio-cultural, political and economic concerns, situational analysis, resource inventory, as baseline to identify the program thrusts of the barangays, in response to the needs of the people in the barangays.

#### **C.2 Land Use Planning and Thematic Mapping:**

During the facilitation of the Thematic Maps, conflicts and potential uses were easier to identify because more landmarks were present in the base maps. The scale was



also considered to guide the community in putting land size which is nearly accurate. In deriving the Proposed Land Use of the barangays, map overlay method and analysis of each thematic map (sieve method) was done with representation from concerned sectors and individuals. Also, the presence and participation of the Indigenous Cultural Community Leaders were ensured. (Attendance sheets of IP's are with the MPDTeams).

In the case of Barangay Suaon, identified as tourist destination of the municipality of Kapalong, where many potential areas to be developed as fund source for additional income generation of the barangay, VWAB assisted those assigned facilitators to lead the community to discuss about the benefits and how to protect and develop the areas such as caves without affecting balance of natural resources of the barangay.

### **C.3 Detailed Planning :**

In the process of identifying programs and projects, previous development plans were reviewed such as the PADCFacilitated Barangay Development Plan. The Planning body identified some un-implemented projects that they felt should be included in the LUB-BDP for year 2007 to 2011.

The barangays have formulated also their annual investment plans approved by their Sangguniang Bayans. The barangays in consensus decided that the projects in the annual investment plans for 2007 shall become their top priority for 2007 implementation as part of their LUB-BDP implementation. To be included then are the implementation of their land use plan and the desired land use-related interventions.

Details of the five-year land use-based barangay development plan were also facilitated and produced with some implementing mechanisms and structures identified.

At this stage, technical expertise's of the facilitators with their corresponding concerns in their offices were shared and inputted to the barangays for Plan harmonization.

### **C.4 Community Writeshop and drafting of the LUB-BDP:**

Presence of laptop of the Municipality made the documentation fast in Kapalong. The trainer's team assigned barangay writers to do the writeshop and editing. During the barangay activities, process documentation and output finalization using the computer is being done daily which includes barangay discussions on each activity or tool.

The Municipal Planning and Development Team are tasked to do webbing of ideas from the result of the PRA/land use planning and community writeshops in order to come up with the eight (8) chapters of the LUB-BDP document. At this stage, to ensure that the LUB-BDP's become genuinely integrated into the higher level plans, the Municipal Planning and Development Office inputted to the barangay planners the features of their municipal development and land use plans to have a common understanding in the terms and some indicative parameters to be used in the production of the plan to ensure consistency of LUB-BDP with features of the Municipal Development and Comprehensive Land Use Plan.

### **C.5 Plan Legitimization:**

On the steps of Plan legitimization, the required resolutions at the barangay level has been formulated such as the BDC endorsement, Sangguniang Barangay Approval and endorsement of the same to the Municipal Development Council for inclusion to the Municipal Development Plan and to the Sangguniang Bayan to concur. Also the Sangguniang Barangays formulated their Resolutions scheduling annual review of the formulated plan.

In **Kapalong**, the barangay general assemblies scheduled last November 29-30, 2006 target date for the Municipal Development Council on the 17<sup>th</sup> of December 2006 and the confirmation or adoption of the 3 LUB-BDP of 3 target barangays to the Sangguniang bayan on early January 2007. While in **Carmen**, the barangay general assemblies scheduled last December 13, 2006 and target date for the Municipal Development Council on the 21<sup>st</sup> of December 2006 and confirmation/adoption of the formulated LUB-BDP of the 2 target barangays scheduled early on January 2007.

### **D. ISSUES AND RECOMMENDATIONS**

After validation of the results of perimeter surveys done by the representatives from PENRO, LGU Kapalong and representatives from the barangays, ***the barangay people did not recognize the output of the perimeter map because some important landmarks (Ugbot, Sayawan Caves and Underground River) were not seen in the base maps.***

Manpower were properly organized; the only issue and need that was identified in order for the municipality to do LUB-BDP process replication better, is to have ***Global Information System (GIS) software that will facilitate the production of output thematic maps.***

**Delayed purchases of required materials used in said activity.** The municipal governments have articulated their interest to be more responsive to the needs if TAMA were downloaded to their level instead of the Province.

The Municipal Teams also expressed their better appreciation of the refresher course if **UDP point person on LUB-BDP were present during the conduct of the 3-day activity.**

There are some observed weak points in the Municipal Planning and Development Team of **Carmen, which needs further exposure or experience on LUB-BDP process, many of them did not attend actual data gathering in the 2 target barangays.**

### **E. REPLICATION PLAN**

With the discussion with the Municipal Planning and Development Coordinator, it was resolved that all of the barangay of Kapalong to have a Land use based Barangay Development Plans with the same processes, approaches and data requirements with some improvements.

It was scheduled to proceed on replicating the LUB-BDP Process with the Barangays of Mabantao, Capungagan and Mamacao which was scheduled to start February 2007.

While in Carmen it was scheduled to proceed on replicating the LUB-BDP process with the barangays of Ising, Tuganay and Lapaz which was scheduled next year 2007.

Prepared by;

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**ANNEXES :**

**PHOTO DOCUMENTATION**



Above are some Photos taken during the conduct of the Actual Data Gathering at the Barangays of Tubod & Mabuhay



Above are some Photos taken during the conduct of the barangay assemblies at the barangays in the Municipalities of Kapalong and Carmen