



NEWSLETTER 4

Dear Reader,

This newsletter presents progress up to end of **May 2005** and is primarily intended for people involved in the project and might not give a complete picture of the project. The Newsletter and more information about the Project are also found on HLURB and Swedesurvey Homepages. Please also note that the Newsletter has an informal character and that the content does not imply official endorsement by HLURB.

If you have ideas or questions about the project, please contact the Project Manager, Mrs. Emma Marilyn C. Ulep, HLURB, eulep@hlurb.gov.ph or the Project Technical Adviser, Mr. Christer Kjørneberg, Swedesurvey christer.kjerneberg@swedesurvey.se

The GIS software is a costly initial investment in the development of a municipal GIS. In order to reduce constraints to start up a municipal GIS, the Project Team has approached the local vendor of the world leading GIS software to advocate for an attractive package price in connection with the release of the Cookbook. Two positive outcomes will be the result of the deal: First it will reduce the initial cost to develop a GIS. Second, it will reduce the incentive to go for pirated software. Furthermore, the vendor will have a long term benefit of the deal as once the LGU officials have realized the benefits of the GIS tool, there will be support for the investment of more sophisticated software in the future.

GIS Training of HLURB Regional Office staff under preparation

One important component of the cookbook project is to make the staff of the Regional Offices of HLURB skilled with GIS and how it can be used in the CLUP preparation. Three modules will be prepared and two staff persons from each office will be invited for the training. The first module has the objective to make the participants acquainted with general computer knowledge and introduce them to geographic information technology. The next step will be focused on the CLUP GIS application so the staff will master the content of the Cookbook as they will assist the LGU planners in the CLUP preparation using a GIS. These modules will have a length of one week each. A third shorter module will tentatively follow in case the participants do not feel comfortable in their new roles as facilitators how to use GIS as a planning tool and need more training. Invitations to the basic training will be distributed so that the first batch can gather in September. A course agenda for the first module has been agreed on and course materials are now being prepared. The training will be a shared responsibility between the Project Team and NAMRIA which has extensive experience in pragmatic GIS training. An important precondition for the training is that the Regional Offices will be equipped with hardware and HLURB HQ is currently arranging for that.



Guidelines how to prepare a CLUP Base Map in progress

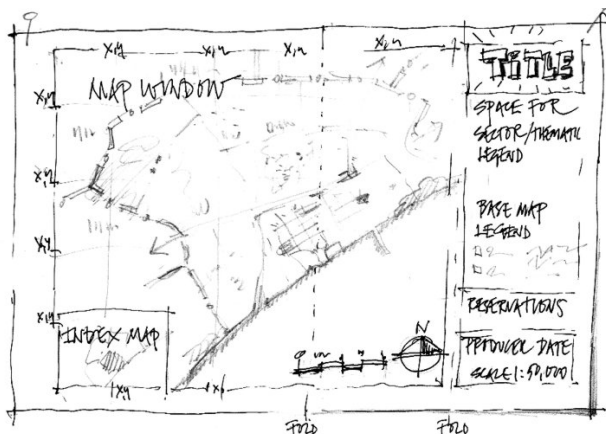
A Base Map displays fundamental data sets that can be used to make sector data more meaningful and easy to comprehend. Displaying or analysing the sector data with key geodata found in a base map used as a backdrop, assists the user in making more effective and well-informed decisions.

For the preparation, a TWG has been set up with members from HLURB, NAMRIA and LMB. The idea is to come up with the

protocols for the preparation and the standards as regard to metadata, content, layout, symbology, color coding, etc. that define the Base Map concept.



Base Map Features






The following features are tentatively recommended to be included in the base map for the CLUP preparation. The objects found in brackets are useful but might be difficult to capture in the first version of the Base Map:

ADMINISTRATIVE








-  Provincial Boundary
-  Municipal Boundary
-  Barangay Boundary
-  (Parcel Boundary)

NATURAL





-  Shoreline, River, Stream, Creek
-  Dam, Pond, Lake, Ocean
-  (Other natural imposed barrier that obstructs access, like steep slopes etc.)

MAN MADE




-  Road: National; City/Municipal; Barangay, (Track)

-  Railway
-  Airport
-  Seaport
-  Built-up-area in a generalised manner (or as a cadastre)
-  City/Municipal Hall
-  Barangay Hall
-  Other Landmarks, such as a church or other building which is well known to the citizens

NAMES

-  Name of surrounding Municipality, adjacent Province and Region (if applicable)
-  Name of the Barangay
-  Name of major river
-  Name of major road, lake or dam

OTHER

-  (Contour line)
-  (Aerial Photo, Orthophoto)
-  (Satellite Imagery)

When the base map is used as a backdrop for sector information, only the features that are important to strengthen the visual impact of the thematic data should be used.

In most cases the LGU will need help to prepare a first version of the Base Map and it is a first option recommended that NAMRIA will provide such assistance. It should be noted that even if the LGU will employ a consultant for the work with the CLUP using a GIS format, it is still recommended that NAMRIA assists in the Base map preparation by the following reasons:

- ✘ In the preparation, NAMRIA will apply the mapping standards which is required by HLURB for final approval of the CLUP;
- ✘ It will be cheaper for the municipality.

BACKGROUND

Swedesurvey has been given the responsibility to assist Housing and Land Use Regulatory Board in the preparation of guidelines how to use GIS in comprehensive land-use planning. The project is sponsored by the Swedish International Development Cooperation Agency (Sida).

