

FINANCING AND INVESTMENTS
MECHANISMS IN COMMUNITY BASED
FOREST MGT PROGRAM: “THE MAASIN
WATERSHED EXPERIENCE”

Presented by:

Mr. Rubenie Castellanes

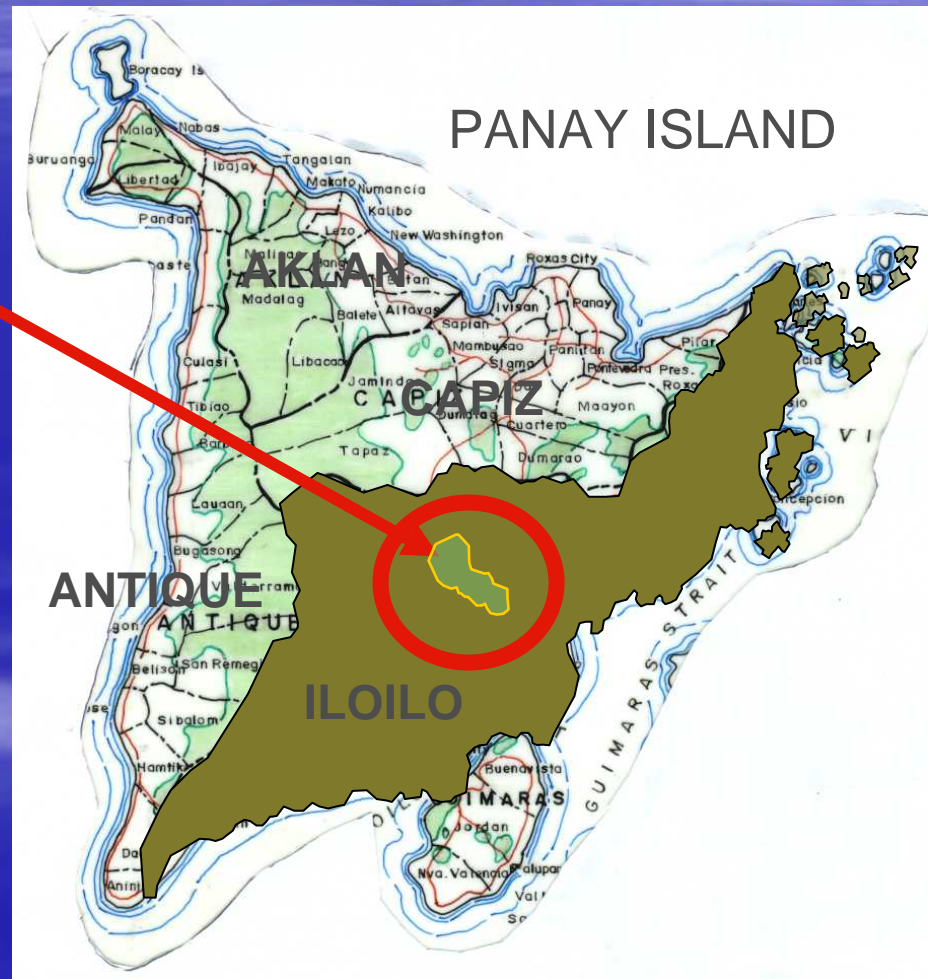
Chairman, KAPAWA-Maasin

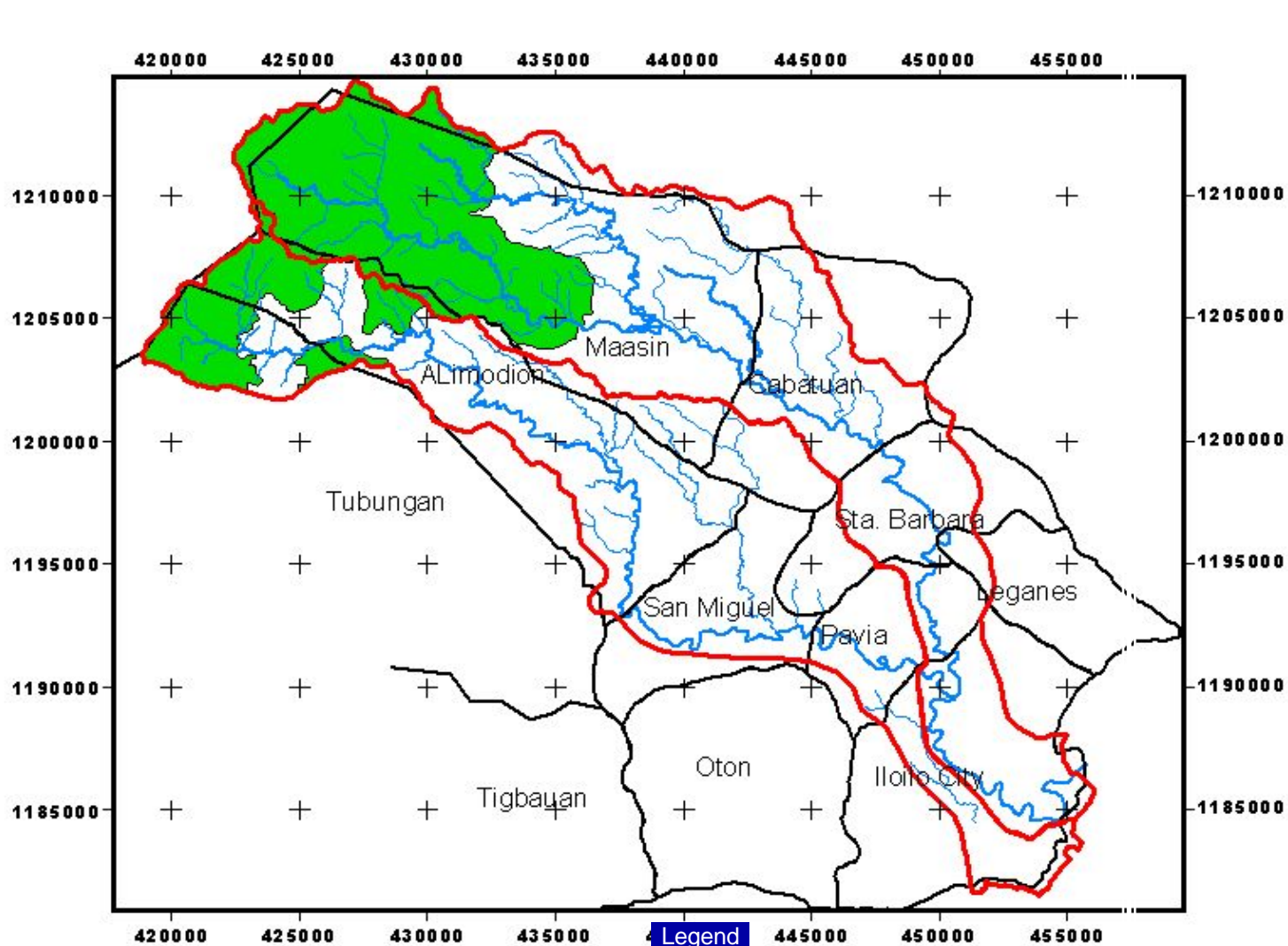
THE PHILIPPINES

Basic Information

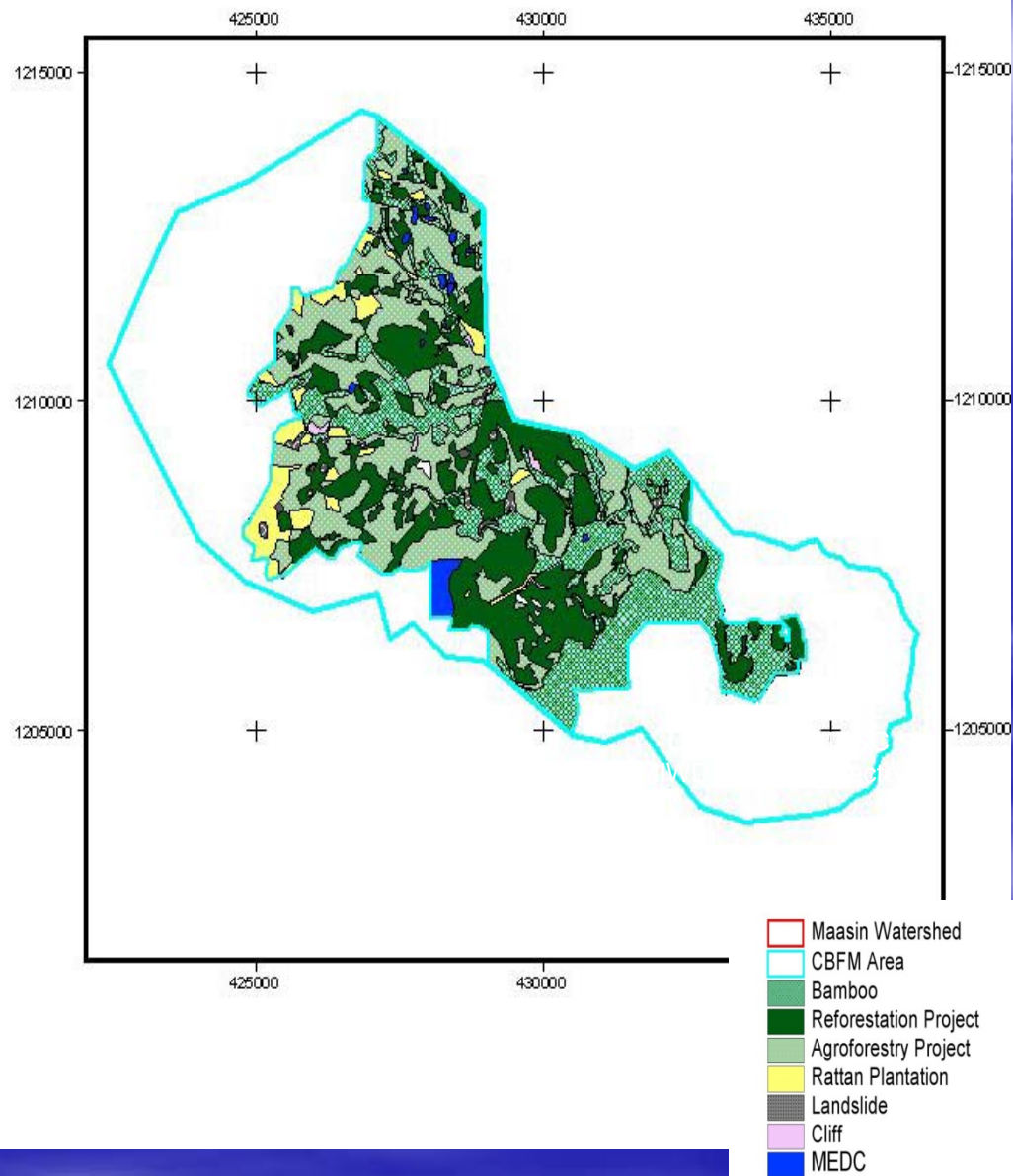


LOCATION





- Legend**
- Watershed divide
 - A & D of Tigum Aganan Watershed
 - Municipal Boundary
 - Timberland of Tigum Aganan Watershed
 - Tigum Aganan River
 - Salog River
 - Creek



MAP SHOWING

THE CBFM and Other LAND USES Within the MAASIN RIVER WATERSHED

LOCATION:
Municipalities of Maasin,
Cabatuan, Sta. Barbara, Pavia,

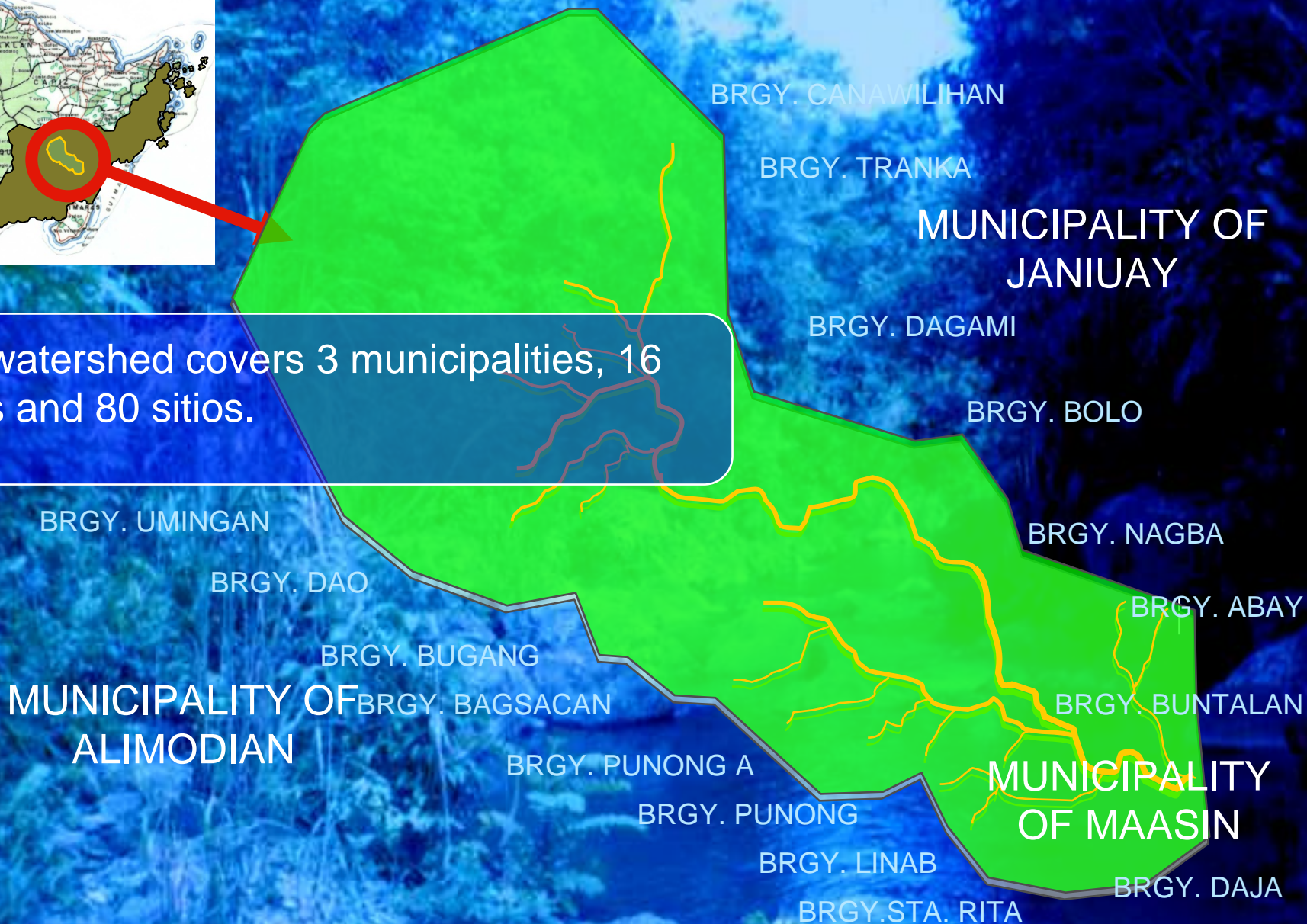
SCALE = 1:100,000
AREA = 46,281.304 has.

The Maasin Watershed





The watershed covers 3 municipalities, 16 brgy. and 80 sitios.



BRGY. CANAWILIHAN

BRGY. TRANKA

**MUNICIPALITY OF
JANIWAY**

BRGY. DAGAMI

BRGY. BOLO

BRGY. UMINGAN

BRGY. DAO

BRGY. NAGBA

BRGY. ABAY

BRGY. BUGANG

**MUNICIPALITY OF
ALIMODIAN**

BRGY. BAGSACAN

BRGY. BUNTALAN

BRGY. PUNONG A

BRGY. PUNONG

**MUNICIPALITY
OF MAASIN**

BRGY. LINAB

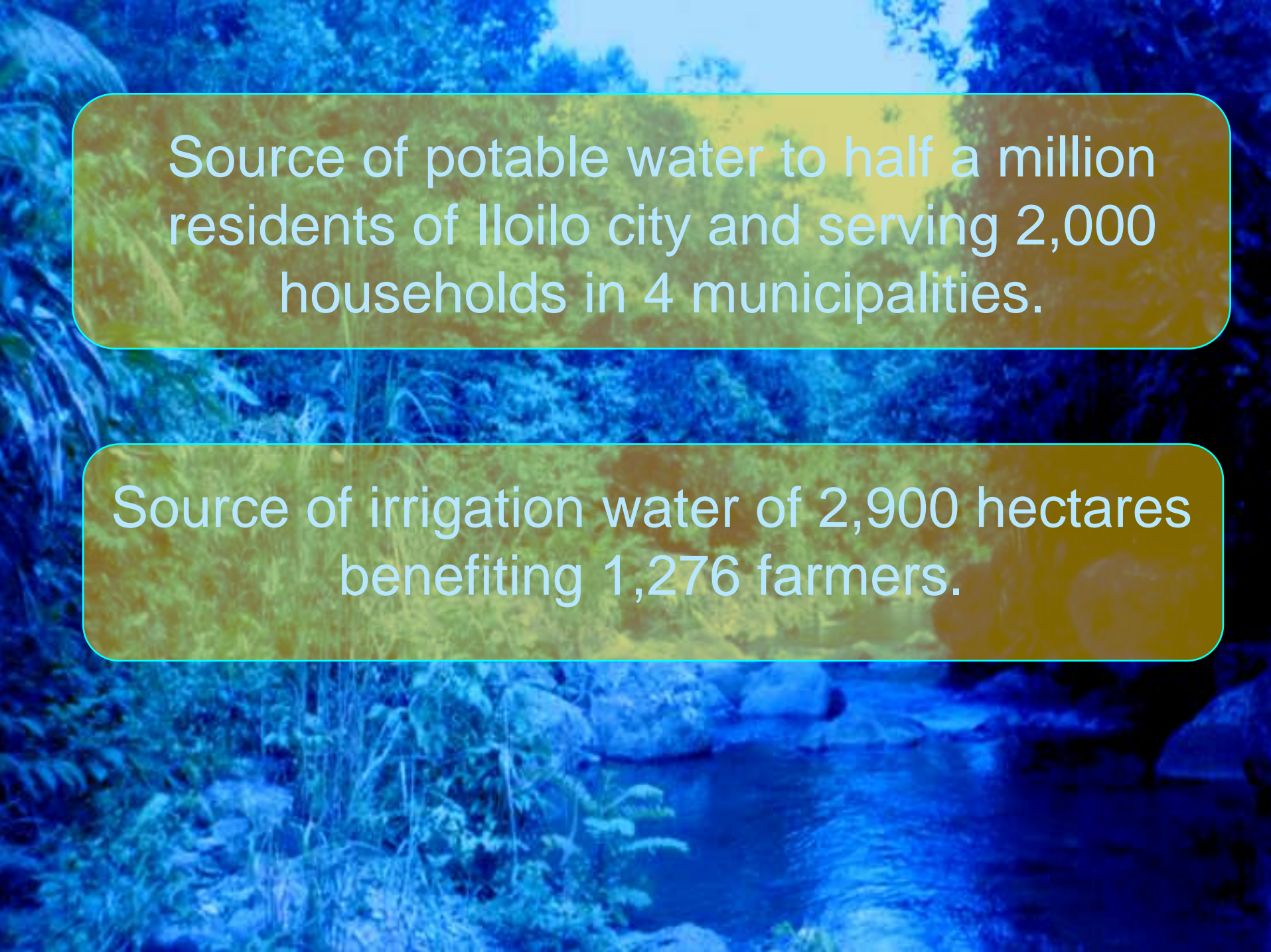
BRGY. STA. RITA

BRGY. DAJA



Maasin Watershed
Reservation was created
through Proclamation No. 16
dated February 12, 1923.

TOTAL AREA
6,738.52 has.



Source of potable water to half a million residents of Iloilo city and serving 2,000 households in 4 municipalities.

Source of irrigation water of 2,900 hectares benefiting 1,276 farmers.

MAASIN WATERSHED BEFORE



1985

COMPELLING SITUATION IN 1990s

- ✓ 64% of the watershed was open/cultivated.
- ✓ Watershed resource potential critically diminishing



COMPELLING SITUATION IN 1990s

Only 35% of the household water requirements of Iloilo city and nearby municipalities could be supplied,



COMPELLING SITUATION IN 1990s

Shortage of
irrigation water
during dry
season reducing
yield.



COMPELLING SITUATION IN 1990s

10,400 people living within and adjacent to the watershed were dependent on the watershed for their livelihood, income and existence.



MAJOR INTERVENTIONS



Rehabilitation

LGU Maasin (Riverbank).....81 has.

Provincial Task Force (Reforestation)....500 has

DENR

GOP funded, (Refo/Agroforestry).....1,070 has.

OECD funded (Reforestation).....100 has

KAPAWA Maasin (JBIC Funded).....2,905 has

MIWD and other Sectors (Refo).....492.30 has.

MAJOR INTERVENTIONS

Watershed protection

1 m support fund from MIWD (year 2000)

Hiring of forest guards by LGU Maasin and province of Iloilo

Creation of PAMB composed of 16 brgys., 3 mun., NGOs, and other sectors

MAJOR INTERVENTIONS

Rehabilitation of 9.46 km. farm to market road through JBIC Infrastructure support fund. Done in CY 2002-2003.



MAASIN WATERSHED UNDER COMMUNITY-BASED FOREST MANAGEMENT PROGRAM

HIGHLIGHTS OF ACCOMPLISHMENTS

Organized KAPAWA Maasin composed 16 brgys in three municipalities with 1,661 total members as CBFMA holder with an area of 3,415.92

Installed Subproject Site Management Office (SUSIMO).



KAPAWA as a CBFM PO Partner

- Name & Address of PO : Katilingban sang PUmuluyo nga naga –Atipan sa Watershed sang Maasin (KAPAWA-Maasin) KAPAWA Main Office, MAbini-Rizal Sts., Maasin Iloilo
- Number & Date of PO Registration : BRW Reg. No. VI-930,
: August 15, 1997
- Number of Members : 1,576 (covered by 16 barangays with 16 barangay associations)
- Name of the Head of PO : Rubenie Castellanes
- Total Area Covered & Location of CBFM Area : 3,415.92 hectares
Maasin Watershed Reservation, 34 km Northwest of Iloilo City. Only about 10 kms. from Cabatuan Airport.

A tall, multi-story wooden watchtower with a thatched roof, situated in a lush green forest. The tower has a spiral staircase leading up to the top. The background is filled with dense tropical foliage.

MAASIN WATERSHED UNDER COMMUNITY-BASED FOREST MANAGEMENT PROGRAM HIGHLIGHTS OF ACCOMPLISHMENTS

Established and maintained of 2,905 hectares of plantations in five components. (Reforestation, Agro Forestry, Riverbank Rehab, Rattan and Bamboo)



MAASIN WATERSHED UNDER COMMUNITY-BASED FOREST MANAGEMENT PROGRAM

HIGHLIGHTS OF ACCOMPLISHMENTS

Conducted the yearly
“Baklay Bukid”



MAASIN WATERSHED UNDER COMMUNITY-BASED FOREST MANAGEMENT PROGRAM

HIGHLIGHTS OF ACCOMPLISHMENTS

Organization of KAPAWA- Young
Advocates for Nature (YAN)

Sustained IEC activities



.....significant RESULTS!

- ✓ Resurgence of volunteers for site development and advocacy. (NGOs, Industries, Academe, Private and Government Sectors)
 - ✓ WVSU College of Mass Comm.
 - ✓ Petron Philippines Foundation
 - ✓ Green Forum Western Visayas
 - ✓ Philippines Pediatric Society
 - ✓ Central Philippine University
 - ✓ UP Alumni College of Surgeon
 - ✓ Aboitiz Group Transport System
 - ✓ PNP Regional Office VI



.....significant RESULTS!

- ✓ Media advocacy and information campaign.
- ✓ Regular tree planting activities, site visit and study tours.



.....significant RESULTS!

- ✓ Minimized open farming, kaingin making and timber poaching.
- ✓ Reduction of open areas from 64% to less than 10% in 2005.
- ✓ Increased vegetative cover and bio-diversity.
- ✓ Protected 1,910 hectares of the remaining natural forest.
- ✓ Integrated other perennial crops for additional livelihood.



THE MAASIN WATERSHED



Major Resources and Valuable Products

1. Sawali

- > Regular(Used for Rice/corn drying)

 - Dimension = 2.5 m x 5m

- > Smaller (White Strips)

 - Dimensions = 6ft x 6ft , 7ft x 7ft

2. Bamboo Poles (Big and Small)- Can produce at least 1.0 million poles per year

3. Abaca Fibers (Class A-C) = supplies about 1- 2.0 tons per month(with marketing contract of 10-20 tons per month)

4. Rattan = 5 years and below
(not yet harvestable)

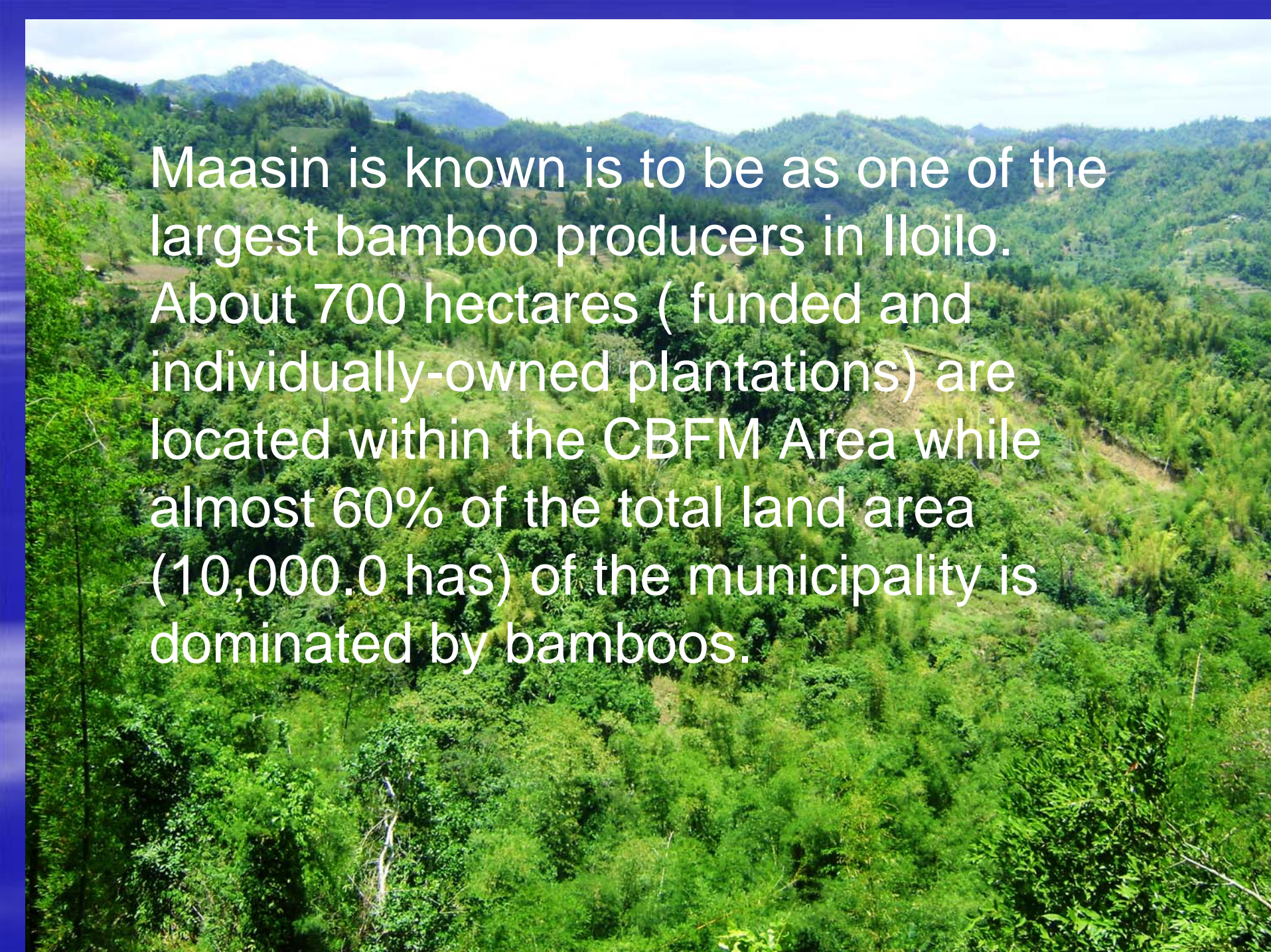
5. Coffee = Arabica variety and producing berries

Abaca Fiber Drying



A photograph of an abaca plantation. The image is filled with large, vibrant green leaves of the abaca plant, which have prominent veins. Some leaves show signs of aging or damage, with brown spots and tears. The background is slightly blurred, showing more of the dense foliage. A blue rectangular box with a thin black border is centered in the upper half of the image, containing white text.

Abaca Plantation of 400 hectares



Maasin is known to be as one of the largest bamboo producers in Iloilo. About 700 hectares (funded and individually-owned plantations) are located within the CBFM Area while almost 60% of the total land area (10,000.0 has) of the municipality is dominated by bamboos.



Bamboo Stripping



Ordinary Sawali (KISAME)

New ENR Support Projects

- FAO- NZAID project on Enhancing Natural Resources Management through Enterprise Development (ENR-ED)
- River Bank Bamboo Plantation establishment (50 .0 has) support from the Local Government of Iloilo City.
- Proposed for CY 2010 CARP-CBFM Livelihood on Abaca Production (40 has) (on pipeline)

Concerns for Sustainability of Protection and Livelihood of communities

- Need investments for expansion of abaca plantation to meet our marketing contract.
- PO need machines and equipment to produce good quality bamboo semi-finished and finished products.
- Improvement/production of other bamboo products aside from sawali, slats/splits and poles.
- Intensify crop integration strategy in natural and reforestation component such as coffee, fruit trees and rattan.

MARAMING SALAMAT PO!