

Component 1 of Project PROMISE Demonstration Project

DAGUPAN CITY
PANGASINAN
PHILIPPINES

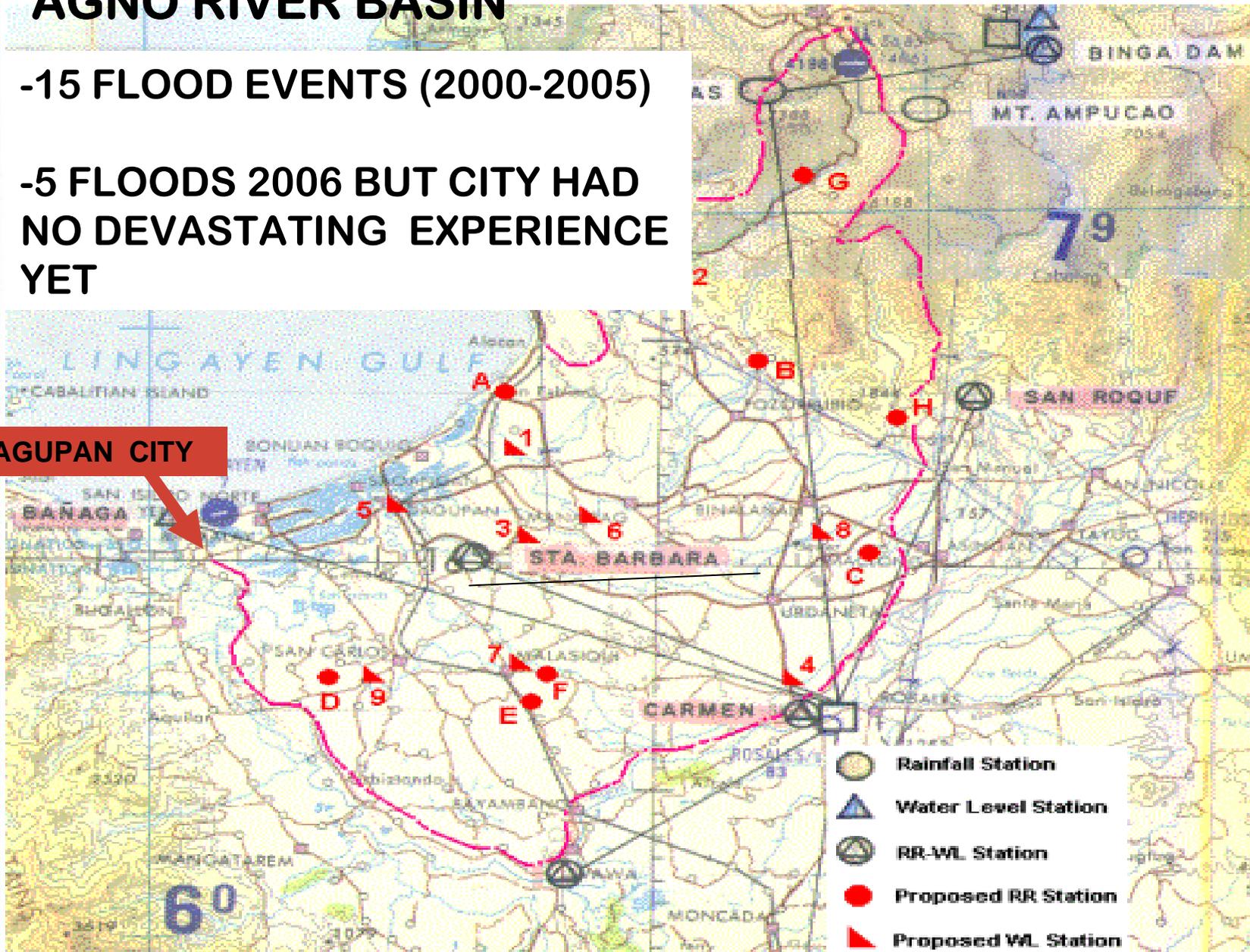
2 October 2006
Manila, Philippines.



AGNO RIVER BASIN

-15 FLOOD EVENTS (2000-2005)

-5 FLOODS 2006 BUT CITY HAD NO DEVASTATING EXPERIENCE YET



Perennial Flooding in the City



PROMISE

Program for Hydro-meteorological Disaster Mitigation for Secondary Cities in Asia

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Community Based Disaster Risk Management and Participatory Risk Assessment Training of Trainers



**Technical Working Group (TWG)
from the City Disaster Coordinating Council (CDCC)
and some representatives from the 8 pilot barangays
as participants on March 27 to 31, 2006**



WORLD BANK
Project for Disaster Risk Management in Asia

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CBDRM and PRA Barangay Training



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Hazard ,Vulnerability and Capacity Assessment Tools

PHYSICAL/ MATERIAL

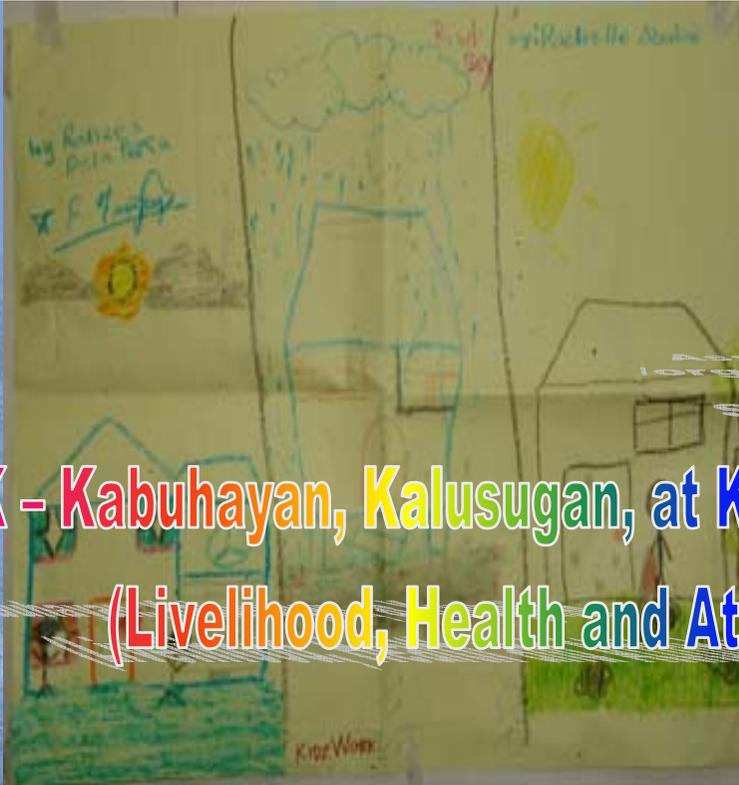
- Elements at Risk (Observation and Masterlisting)
- Houses (classified as to light materials or concrete)
- Population (Children, Physically challenged and senior citizens)
- Business establishments and factories





Community Watching + GIS maps HAZARD VULNERABILITY MAPS

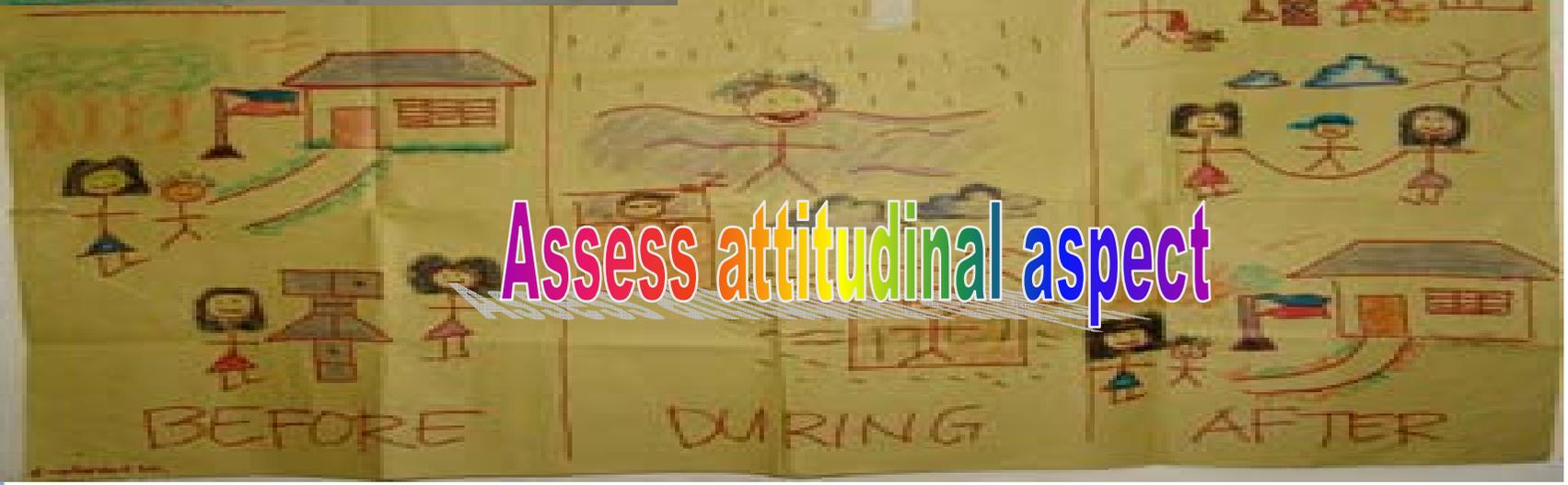




Assess the social /organizational aspect

Social Venn Diagram

KKK - Kabuhayan, Kalusugan, at Kaugalian
(Livelihood, Health and Attitude)



Assess attitudinal aspect

Formulation and Validation of Action Plans for the 8 Pilot Areas

by Cities in Asia



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Meeting on Early Warning System Preparation



Program for Hydro-meteorological Disaster Mitigation and Preparedness in Asia

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MILESTONES

- **Completed the PRA/CBDRM of the pilot areas (May-August 2006)**
- **Completed Action Plans (May- July 2006)**
- **Identified and developed designs for the Flood Markers and Staff Gauge (June 2006)**
- **Initial efforts for DIMS (May- September 2006)**
- **EWS and Evacuation Plan at the Community Level (August-September 2006)**
 - Institutionalization of indigenous EW devices (“Kalungkong”, Church and School Bell ringing)

CHALLENGES AND LESSONS LEARNED

- **NO FULL TIME STAFF/PEOPLE TO BE DEPLOYED IN THE BARANGAYS FOR THE PROJECT**
- **CONSTRAINTS IN THE TIME OF THE TECHNICAL WORKING GROUP**
- **NEED TO HAVE LEGAL BASIS/AUTHORITY TO WORK IN THE PROJECT**
- **GOVERNMENT OFFICIALS WORKING CLOSELY WITH THE COMMUNITY IS ONE OF THE HIGHEST GAIN**
- **CONSULTATION, PARTICIPATION AND INVOLVEMENT FROM THE PLANNING STAGE TILL IMPLEMENTATION IS ESSENTIAL**

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FUTURE ACTIVITIES

- **Improving DIMS (October- December 2006)**
- **Finalizing the EWS and Evacuation Plan
Barangay and City Level (October 2006 - January
2007)**
- **Installation of the Flood Markers (October-
November 2006)**
- **Full realization of 8 Community
Based Action Plans for mitigation (October-
December 2006)**
- **Trained rescue team (October 2007)**

Objective 1: Adoption of specific hydro-meteorological disaster preparedness and mitigation measures to manage hydro-meteorological disaster risk by stakeholders in targeted cities

Expected Results by October 2007

Resilient Communities and Stakeholders involvement

- 8 BDCC Reactivated
- 8 communities formulated and tested Early Warning and Evacuation Plan
- 8 community based mitigation projects implemented
- City wide Preparedness plan including early warning and evacuation plan
- Trained rescue team



“Kapag sama-sama,
Kayang-kaya.”

SALAMAT..
NGAREMIED SIGAYON AMIN!

Pantal River