

PHILIPPINES

Country Water Highlights

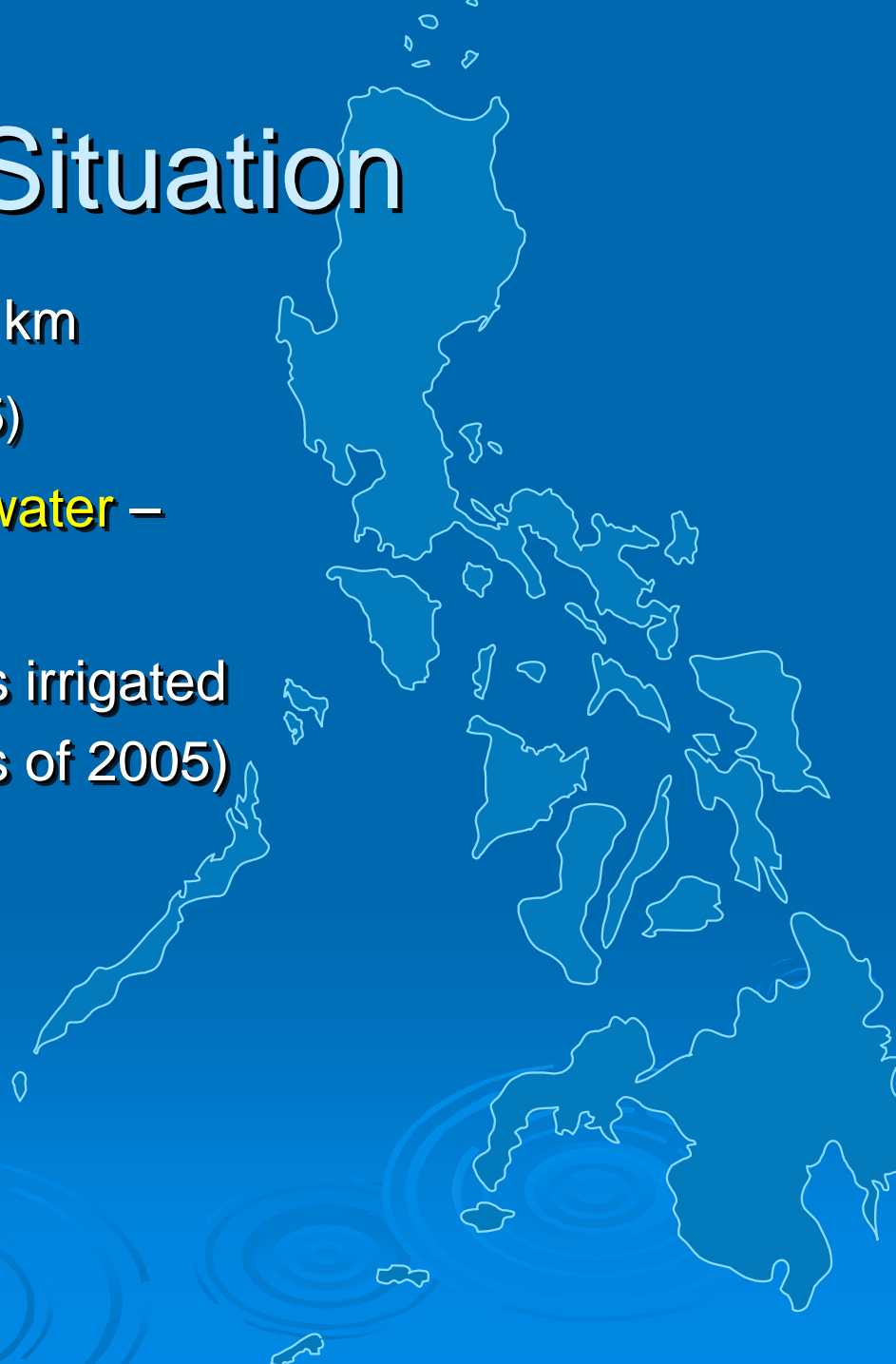
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Current Situation

- **Total Land Area** – 300,000 sq km
- **Population** – 85.3 Million (2005)
- **Per capita availability of freshwater** – 1,905 m³/year
- **Irrigation** – 1,413,236 hectares irrigated (45% of total irrigable areas as of 2005) (NIA)



Current Situation

➤ Coverage on safe water

80% of population (2002)

MDG Target (2015) – 87%

MTPDP Target (2010) – 92%

➤ Coverage on sanitation

86.1% of population (2002)

MDG Target (2015) – 84%

MTPDP Target (2010) – 86%



Current Situation

➤ Water Resources Management

- There are 20 major river basins in the country. Only Laguna Lake has an established river basin organization.
- 2 other major river basin studies have been conducted: Bicol River Basin Project & Agusan River Basin Project (ADB)
- Proposed Project:
Master Plan Study for Pampanga River Basin

Other Key Issues and Concerns

- Planning process is highly centralized in National Government; fragmented and sub-sectoral in approach.
- Mainstreaming IWRM Plans in the regional and local levels
- Insufficient investment for water supply and sanitation
- Lack of technical capability of implementing agencies (LGUs etc.)
- Necessity to improve coordination and systematic basic water data collection systems for efficient and effective flow of information
- Necessity to link freshwater management with coastal management

Enabling Conditions

Laws and Policies

- Creation of Laguna Lake Development Authority
- Creation of Local Water Utilities Administration (LWUA)
- Creation of Metropolitan Manila Waterworks and Sewerage System (MWSS)
- Creation of National Water Resources Board
- Water Code of the Philippines
- Public Service Act
- Local Government Code of the Philippines
- Water Crisis Act of 1995
- Clean Water Act

Enabling Conditions

Priority Policies and Programs

- **Medium Term Philippine Development Plan (2004-2010)**
 - General Strategy - Adoption of the IWRM approach
 - Identify/Establish Water Resources Regional Councils (WRRCs)/ River Basin Organizations (RBOS)
 - Pursue Raw Water Pricing
 - Maintain and Sustain Data Collection and Data Base for Water Resources
 - Conduct Assessment in terms of availability and demands for prioritized water constraint areas

Enabling Conditions

Priority Policies and Programs

➤ **Medium Term Philippine Development Plan (2004-2010)**

Specific Strategies

- Potable Water for the entire country by 2010 with priority given for 432 waterless municipalities outside Metro Manila.
- Ensure that all barangays/municipalities will be provided with water supply sources have the corresponding sanitation facilities for proper disposal of wastewater / septage
- Continue to provide adequate capacity building programs and technical assistance on water supply and sanitation
- Develop technology options for water supply (solar desalination, windmill technology)

Enabling Conditions

Priority Policies and Programs

➤ Medium Term Philippine Development Plan (2004-2010)

Specific Strategies

- Promote private sector investment
- Conduct groundwater resources and vulnerability assessment covering 310 priority LGUs
- Monitor drinking water of selected poor communities
- Complete the groundwater resources inventory in major urban areas, control extraction through moratorium

IWRM Plan Framework

- Outcome No. 1: Improved Effectiveness, Accountability, and Synergy among Water Related Institutions and Stakeholders
 - *Strategic Theme No. 1*
Promoting Participatory Water Governance and Supportive Enabling Environment
 - *Strategic Theme No. 2*
Strengthening Knowledge Management and Building Capacity for IWRM

IWRM Plan Framework

- **Outcome No. 2: Effective Protection and Regulation for Water Security and Ecosystem Health**
 - *Strategic Theme No. 3*
Ensuring Rational, Efficient and Ecologically Sustainable Allocation of Water
 - *Strategic Theme No. 4*
Enhancing Effectiveness in Groundwater Management and Aquifer Protection
 - *Strategic Theme No. 5*
Achieving Clean and Healthy Water
 - *Strategic Theme No. 6*
Managing and Mitigating Risks from Water Related Disasters and Climate Change

IWRM Plan Framework

- **Outcome No. 3: Sustainable Water Resources and Responsive Services for Present and Future Needs**
 - *Strategic Theme No. 7*
Promoting Water Conservation/Stewardship and Improving Water Use Efficiency
 - *Strategic Theme No. 8*
Expanding Access and Ensuring Availability of Affordable and Responsive Water Supply and Sanitation Services

IWRM Plan Framework

- **Outcome No. 4: Innovative Response to Future Challenges**
 - *Strategic Theme No. 9*
 - Exploring New Pathways to Water Resource Management
 - Water Sensitive Design and Water Rights Trading

Immediate Concerns

- Finalization of National IWRM Framework Plan
 - Conduct of Partner Agencies Forum
 - Issuance of Presidential policy directive to adopt and mainstream IWRM in the plans and programs / initiatives of partner agencies
 - Formation of technical advisory group for various strategic themes
- Development of National IWRM Strategic Plan
- Development of Flood Mitigation Plans for 20 Major River Basins
- Strengthening of Economic Regulatory Bodies
- Identifying incentives for investment into the sector

Funding Requirements

Water Supply and Sanitation

	Water Supply (non-MM, Level 3)	Sanitation (non-MM, Level 3)	Combined WSS (non-MM, Level 3)
Additional number of people to be served to meet MDG targets by 2015	14,306,993	15,819,601	
Estimates of investment requirements for 2005-2015	(in PhP B) 73.4	(In PhP B) 72.2	(In PhP B) 145.6
MTPIP programmed resources for 2005-2010 (inclusive of DBP and LWUA lending program, but without BOT investments and program for waterless communities)	15.0	4.0	19.0
Total amount of funds in other credit facilities			15.4
MTPIP estimated resources for 2011-2015 assuming the same levels as the current program			19.0
Funding Gap (2005-2015)			PhP 92.2 B

Source: The Philippine Water Revolving Fund, Aug 2005, USAID

Funding Requirements

Irrigation

- Irrigation Systems Upgrade Requirements
US\$ 146.26 M

There is no National Budget Allocation for Water Resource Management / Governance Programs