

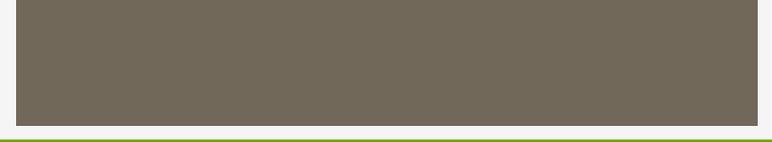


Local Water Utilities Administration

**ROUNDTABLE DISCUSSION ON WATER SUPPLY  
AND WASTEWATER (SEWERAGE) DISPOSAL**

2 April 2014

Manila



# LWUA and the Philippine Countryside Water Supply

## Water Supply Projects: LWUA's Roadmap

### LWUA's Roadmap\* Development Program, 2014 to 2017 *in Million Pesos*

<u>Year</u>	<u>Requirement</u>
2014	6,207.08
2015	6,188.65
2016	3,855.58
2017	3,591.67
<b>Total</b>	<b>19,842.98</b>

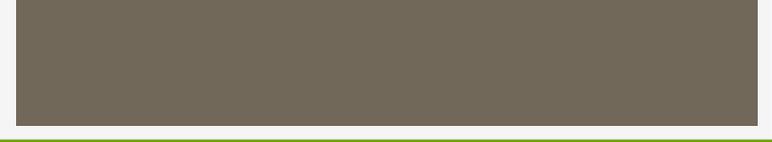
*\*Note: Does not include ADB WDDSP. Coverage to increase to 49.6%*

# Water Supply: Priority Projects

LWUA's Roadmap  
Priority for Implementation\*  
*In Million Pesos*

	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>
1 "Poorest of the Poor"	1,137.28	1,542.95	714.62	661.00
2 Unfinished/Suspended Projects	58.83	99.58	20.79	9.00
3 Waterless Water Districts	1,051.31	1,321.31	870.00	667.00
4 Non-Operational Water Districts	473.15	736.67	559.54	326.67
5 Non-Revenue Water Reduction Programs	300.00			
6 Expansion Projects	3,042.59	2,321.14	1,538.63	1,768.00

*\*Note: Does not include ADB WDDSP*



# LWUA'S Involvement in Sewerage/Sanitation Programs

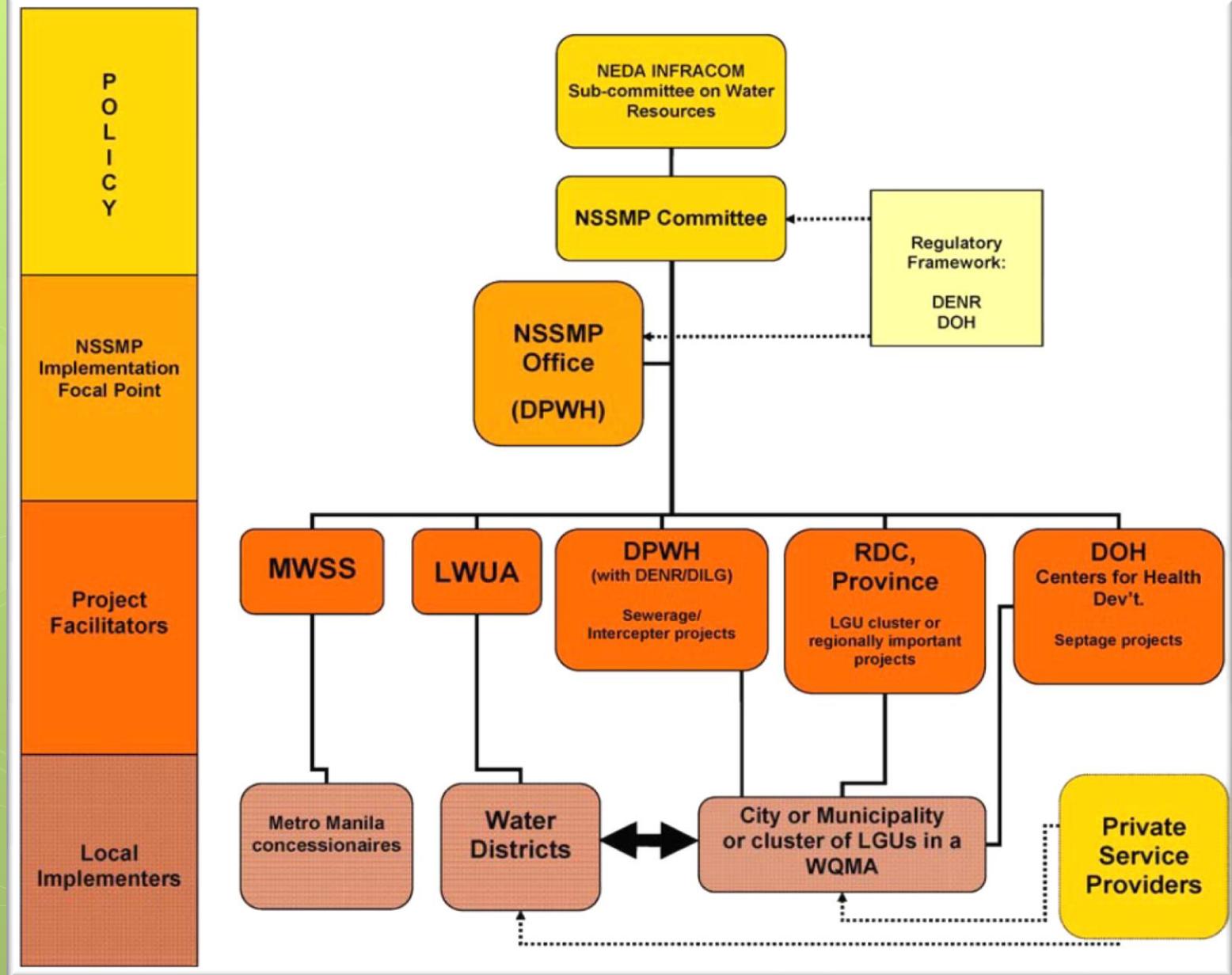
## National Sewerage and Septage Management Program (NSSMP)

- Created under the Clean Water Act of 2004
- Target: All 17 HUCs outside Metro Manila to have sewerage systems and all LGUs to have septage management systems by 2020
- Lead Agency: DPWH

## Operational Plan for the Manila Bay Coastal Strategy (OPMBCS)

- Created under the Supreme Court Mandamus (2008 decision and 2011 resolution)
- Mandates 13 government agencies to restore Manila Bay to Class SB, which is at least fit for swimming and contact recreation
- Target: Pollution reduction (wastewater, solid waste and informal settlers management)
- Lead Agency: DENR

# The National Sewerage and Septage Management Program (NSSMP)



# LWUA's Role Under the CWA-IRR and Additional Role Under the NSSMP

- Clean Water Act (2004)
  - To **provide guidance** to water districts
  - **Submit proposals** for projects to DPWH
- NSSMP\*
  - **Policy:** Provide incentives for water districts to work together with LGU counterparts to propose septage management and sewerage projects
  - **Implementation:** Provide funding for septage management and sewerage projects proposed by water districts through its loan window
  - **Monitoring and Evaluation:** Report number of projects implemented by water districts to the NSSMP Office.

*\*Note: Created because of CWA 2004*

# The Supreme Court Continuing Mandamus on Manila Bay

- Supreme Court Order
- LWUA, through the water districts, shall provide, install, operate and maintain sewerage and sanitation facilities in cities and towns of Bataan, Bulacan, Pampanga, Cavite and Laguna

# The Supreme Court Continuing Mandamus on Manila Bay

- LWUA's Plan
  - To provide septage management systems for all the 65 operational water districts in the said five provinces beginning 2014 until 2020.
  - Additional feasibility studies for completion: 28 (by 2015) and 28 (2016)

# Implementation Plan

<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>
SJDM	Angeles	Balanga	Angat	Bustos	Alaminos	Amadeo
	Calamba	Bulakan	Bocaue	Cabuyao	Balagtas	Bacolor
	Hagonoy	Dasmarinas	Calumpit	Dinalupihan	Floridablanca	Bagac
	Laguna	Malolos	Carmona	GEAguinaldo	Indang	Candaba
	Mabalacat	Obando	Hermosa	GMAlvarez	Limay	Mabitac
	Orani	San Fernando	Mariveles	Guagua	Macabebe	Maragondon
	San Pablo	San Pedro	Meycauayan	Lubao	Marilao	Masantol
		Tagaytay City	Pagsanjan	Norzagaray	Orion	Mendez
		Tanza	Sta Maria	Plaridel	Porac	Morong
			Trece Martirez	San Miguel	San Ildefonso	Pakil
				Silang	San Rafael	Pandi
				Sta Cruz	Sasmuan	Siniloan
						Sta Rita

# Project Financing

- Fund requirement

- *Php* 2.514 Billion from 2015 to 2020 for LWUA's Manila Bay Clean-Up Program

- Funding Options

- PPP's (service contracts, etc)
- Loans from LWUA, GFIs or PFIs
- DPWH funding as NG cost-share (40% subsidy under NSSMP) but water district may need to partner with local government unit
- ADB WDDSP offers 20% grant, if available

# Issues and Concerns

- Technical
  - LWUA is undermanned to provide full time technical expertise in preparation of feasibility studies
  - Water Districts are not prepared to undertake feasibility studies for sanitation/sewerage projects

# Issues and Concerns

- Financial
  - No money to fund sewerage/sanitation projects despite repeated request from DBM since 2012
  - Water Districts can borrow from other sources but loan processing is time-consuming
  - Ordinary loans from GFIs and PFIs for these projects are not low-interest

# Issues and Concerns

- Institutional
  - Lack of interest of water districts due to perceived high cost of development and operation and maintenance
  - Low or limited capacity-building in water districts and LGUs
  - Ordinance promulgation is a long process
  - Public acceptability especially regarding additional cost on water concessionaires is a political issue

# Future Directions

- US\$60.0 Million loan from ADB under the Water District Development Sector Project
  - One pilot project (City of Koronadal Water District) has septage component
  - Targets five more cities to be promoted for sanitation loan/grant (Angeles City, Puerto Princesa City, Metro Kalibo, Zamboanga City, and Isabela City)

# Recommendations

- To make available funds for water supply projects;
- To make available funds for the conduct of feasibility studies on sewerage/sanitation/septage projects;
- To make available funds for the implementation of the Manila Bay Clean-Up Program;
- To frame new executive orders to compel water districts to execute the Mandamus; and
- To frame new executive orders or legislations to strengthen LWUA's institutional component.



# Maraming Salamat at Magandang Araw sa Lahat!!

- Local Water Utilities Administration
  - Quezon City