PHILIPPINE WATER SUPPLY AND SANITATION MASTER PLAN (PWSSMP)

OBJECTIVES

1. Updating and integration of the 2010 Philippine Water Supply Sector Roadmap (PWSSR) and the 2010 Philippine Sustainable Sanitation Roadmap (PSSR)
2. Assessment of the water supply and sanitation (WSS) sector
3. Formulation of an Action Plan that sets the direction ultimately towards universal and equitable access to safe water and adequate sanitation by 2030
4. Formulation of strategies, policy reforms, priority programs, and projects, including the formulation of pre-feasibility studies or business case proposals
5. Conduct of knowledge management, information dissemination, and training

ASSESSMENT AND CHALLENGES

KEY AGENCIES AND INSTITUTIONS VERSUS SOME WATER RESOURCE MANAGEMENT FUNCTIONS	DA (BWSM)	DAR	DENR[1]	DILG	DND (OCD)	DOE (NEA)	DOF	DOH	DOST[2]	DOT	DPWH	DSWD	GFIs	LGUs	LLDA	LWUA/WDs	MWSS	NEDA	NIA	NPC	NWRB
Financing				●			●				●		●			●	●				
Flood Control and Drainage											●			●							
Integrated Area Development											●				●						
Irrigation[3]	●										●								●		
Monitoring and Data Management	●	●	●	●	●	●		●	●	●	●	●		●	●	●	●		●	●	●
Policy			●					●			●							●				●
Recreation										●				●							
Research and Development	●								●												
Resource Assessment			●						●		●								●		●
Resource Regulation																					●
Sanitation[3]				●				●			●			●		●	●				
Water Quality Management			●												●	●			●		
Water Supply[3]		●		●							●	●		●		●	●				
Watershed Management	●		●											●			●		●	●	

[1] BMB, EMB, FMB, MGB, PAB, MBCO, NAMRIA
[2] PAGASA, PCIEERD, PCAFNR
[3] Planning, design, construction, operation, and/or maintenance

POOR MANAGEMENT OF WATER RESOURCES

- WEAK AND FRAGMENTED INSTITUTIONAL SET-UP
- INEFFICIENT USE AND WASTAGE OF RESOURCES
- NO REGULAR UPDATING OF WATER AVAILABILITY DATA
- NO SINGLE REPOSITORY OF WATER DATA
- UNCOORDINATED SECTORAL PLANS

WSS COVERAGE IN THE PHILIPPINES (2015)

people are getting water from unsafe sources

people do not have access to improved sanitation

people in the ARMM do not have access to flush to piped sewer systems or septic tanks

people in the ARMM is limited to basic sanitation facilities

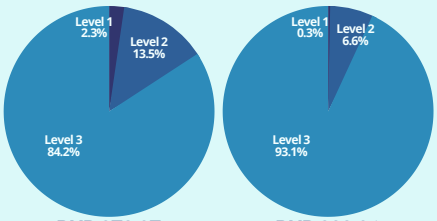
More than **4 Million** Filipinos still practice open defecation

BRIDGING THE GAP:

Physical Investment Requirements (in PHP billion)

PWSSMP-estimated investment requirement to attain **universal access to safe water supply and sanitation by 2030**

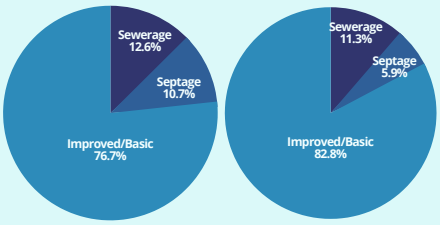
Water Supply Investments



PHP 278.07
2020-2023

PHP 233.01
2024-2030

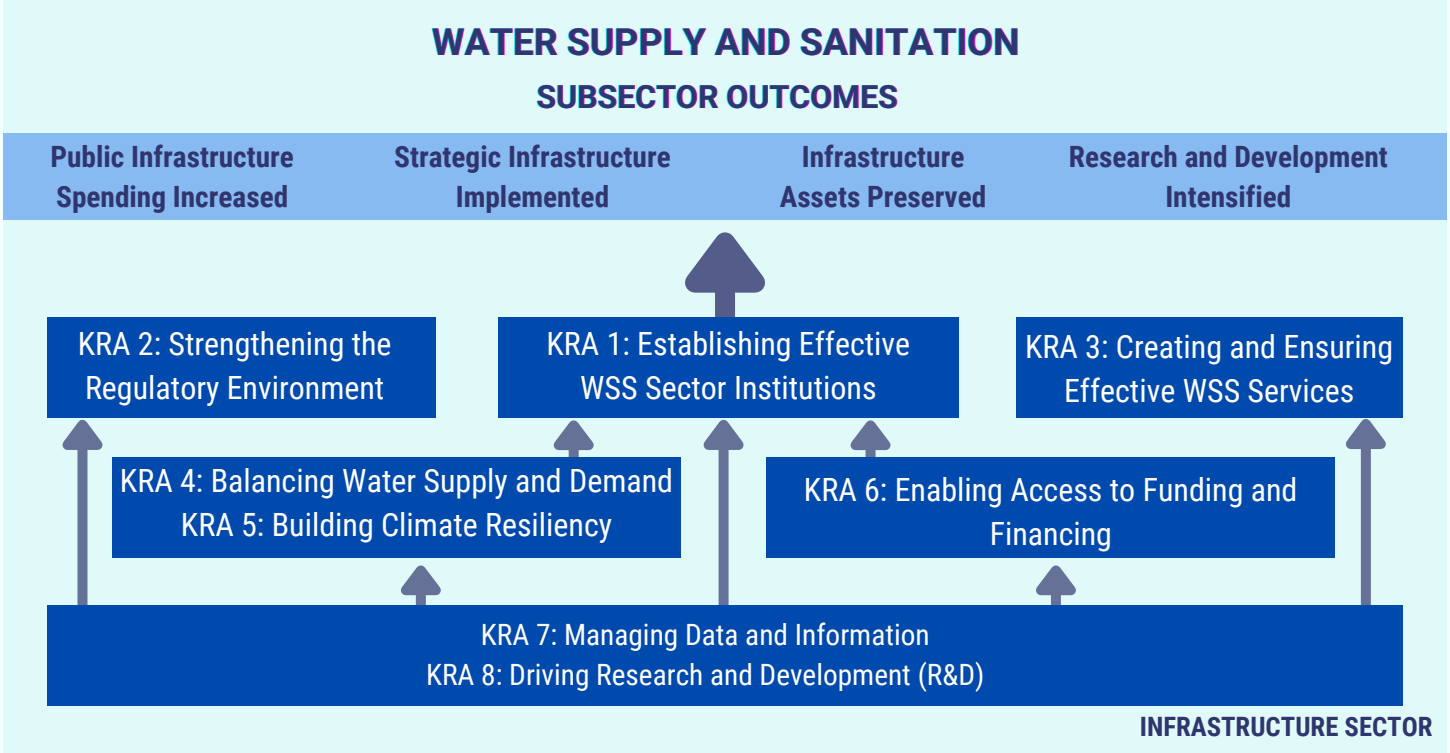
Sanitation Investments



PHP 455.59
2020-2023

PHP 101.52
2024-2030

RESULTS FRAMEWORK DIAGRAM



KEY REFORM AGENDA (KRA)

To improve the enabling environment of the WSS sector even as priority programs are being pursued, **eight key reform agenda** have been developed.

	LEAD AGENCY
ESTABLISHING EFFECTIVE WSS SECTOR INSTITUTIONS **FOCUS:** Addressing the fragmented WSS sector	NEDA
STRENGTHENING THE REGULATORY ENVIRONMENT **FOCUS:** Regulating and managing water resources and WSPs, including water tariffs	NEDA, LWUA, NWRB, DILG
CREATING AND ENSURING EFFECTIVE WSS SERVICES **FOCUS:** Ensuring appropriate and sustainable operations of WSS service providers	LWUA, NWRB, DILG, DOH
BALANCING WATER SUPPLY AND DEMAND **FOCUS:** Managing and maximizing finite water sources with end-users	NEDA, LWUA, NWRB, DILG
BUILDING CLIMATE RESILIENCY **FOCUS:** Adapting to the effects of climate change	DPWH, NEDA
ENABLING ACCESS TO FUNDING AND FINANCING **FOCUS:** Improving availability and acquisition of funds/financing for WSS services	NEDA, DOF, LWUA, DPWH
MANAGING DATA AND INFORMATION **FOCUS:** Ensuring availability and accessibility of reliable WSS data	NEDA, NWRB
DRIVING RESEARCH AND DEVELOPMENT (R&D) **FOCUS:** Investing on research and innovations	NEDA, NWRB

KEY REFORM AGENDA (KRA) ACTION PLAN

The **KRA Action Plan** identifies concrete actions and corresponding agencies responsible for advancing the eight KRAs of the PWSSMP. As such, it is an **integral part of the PWSSMP** in ensuring its effective implementation towards achieving **universal access to safe water supply and sanitation by 2030**.

PRIORITY ACTIONS PER KRA

1 ESTABLISHING EFFECTIVE WSS SECTOR INSTITUTIONS

LEAD: NEDA
SUPPORT: NWRB, LWUA, DILG, DOH, MWSS

- Pursuance of the creation of the Department of Water Resources (DWR)
- Leading in the representation at OP-OES to issue EO establishing of the National Water Management Council (NWMC)
- Leading in addressing the institutional fragmentation in the absence of a sector apex body that would coordinate development policies and plans

2 STRENGTHENING THE REGULATORY ENVIRONMENT

LEAD: NEDA, LWUA, NWRB DILG
SUPPORT: MWSS,-RO, DPWH, DOH, EZAs, TIEZA, NIA, DAR, LGUs

- Pursuance of the creation of the Water Regulatory Commission (WRC)
- Updating of the *Listahang Tubig*
- Strengthened enforcement of economic regulations especially on service expansion
- Coordination of the review and assessment of existing guidelines for water permit issuances

3 CREATING AND ENSURING EFFECTIVE WSS SERVICES

LEAD: LWUA, NWRB, DILG, DOH
SUPPORT: NEDA, DPWH, DBM

- Assessment of the viability of non-functional WDs towards their operationalization
- Conduct of needs assessment, capacity-building, and training/mentoring programs for WDs and LGU-run WSPs.
- Evaluation of the effectiveness of existing programs (e.g., Salintubig, Assistance to Municipalities, etc.)

4 BALANCING WATER SUPPLY AND DEMAND

LEAD: NEDA, LWUA, NWRB, DILG
SUPPORT: LGUs, DOH

- Issuance of guidelines for LGUs to require the use of green technologies
- Resource assessment and area recommendations for the shift from ground to surface water sources
- Implementation of non-revenue water (NRW) reduction programs among WSPs to achieve standard performance improvement program

5 BUILDING CLIMATE RESILIENCY

LEAD: DPWH, NEDA
SUPPORT: DILG, LWUA, DENR, NWRB

- Revision of the Building Code and Plumbing Code to include water efficiency standards
- Issuance of Administrative Order requiring retention basins for flood control and drainage systems
- Issuance and requirement of design standards, guidelines, and specifications for climate resilient hydraulic structures.

6 ENABLING ACCESS TO FUNDING AND FINANCING

LEAD: NEDA, DOF, LWUA, DPWH
SUPPORT: DBM, DILG, DOH

- Implementation of the Unified Resource Allocation Framework (URAF) in accordance with the PWSSMP
- Review and rationalization of Government financing policies to harmonize with URAF principles
- Adoption of the URAF principles for inclusion of funding and coverage of NSSMP

7 MANAGING DATA AND INFORMATION

LEAD: NEDA, NWRB
SUPPORT: PSA, DOH, LWUA, DILG, DPWH, MWSS

- Development of a communication strategy for the sector development plans and programs
- Development of WSS information system database for planning, project development and monitoring/evaluation.
- Streamlining of programs for the establishment of baseline data

8 DRIVING RESEARCH AND DEVELOPMENT (R&D)

LEAD: NEDA, NWRB
SUPPORT: DOH, DOST, Academe

- Promotion of the conduct of R&D studies based on priority agenda (with the academe, WSS partners, and experts)
- Formulation of R&D agenda based on priority needs of key partner agencies and stakeholders (to include technologies and research on lowering energy costs, increasing water efficiency, raw water pricing, and tradeable water regime)

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