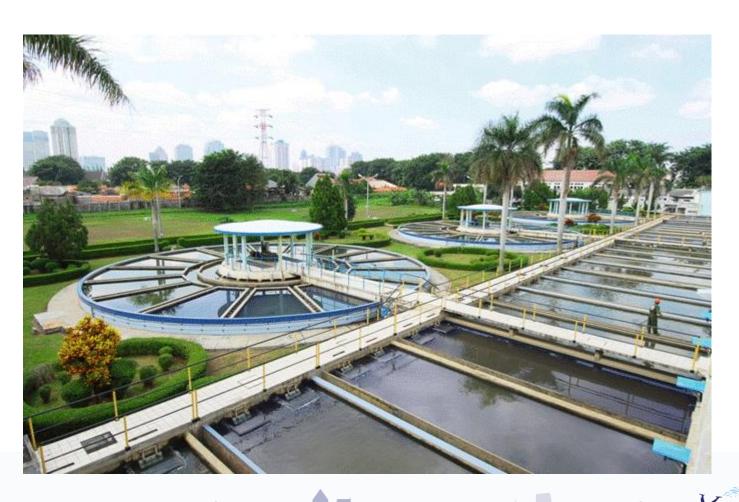
INTEGRATED URBAN WATER MANAGEMENT 1st FEBRUARY 2019 DKI JAKARTA

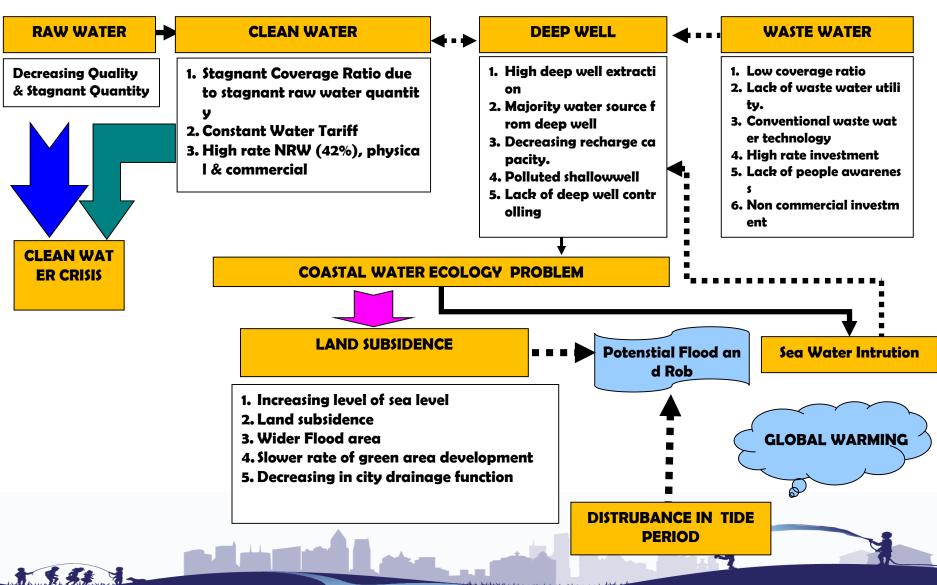






CHALLANGE IN MANAGING WATER RESOURCES





WATER & WASTE WATER CONSOLIDATION



SHORT TERM

MIDDLE TERM

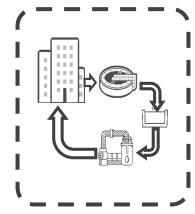
LONG TERM

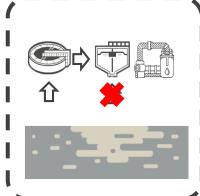
Close Cycle

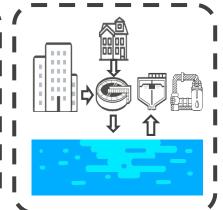
River Cleansing

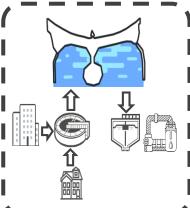
River Cleansing

Raw Water Source









CLOSE CYCLE

1 5 44

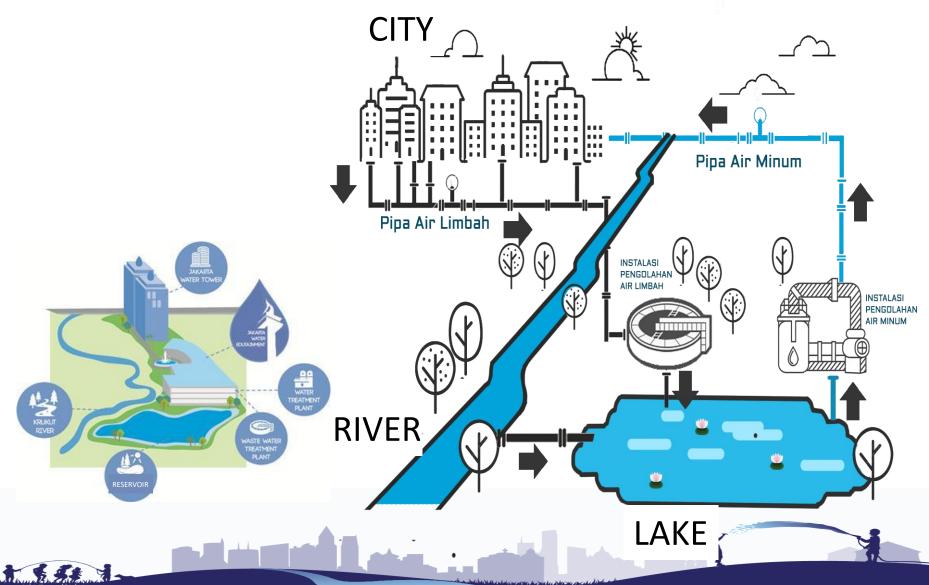
RIVER CLEANSING AS RAW WATER

RIVER CLEANSING AS ADDITIONAL RAW W ATER

RAW WATER AT GIANT SEA WALL

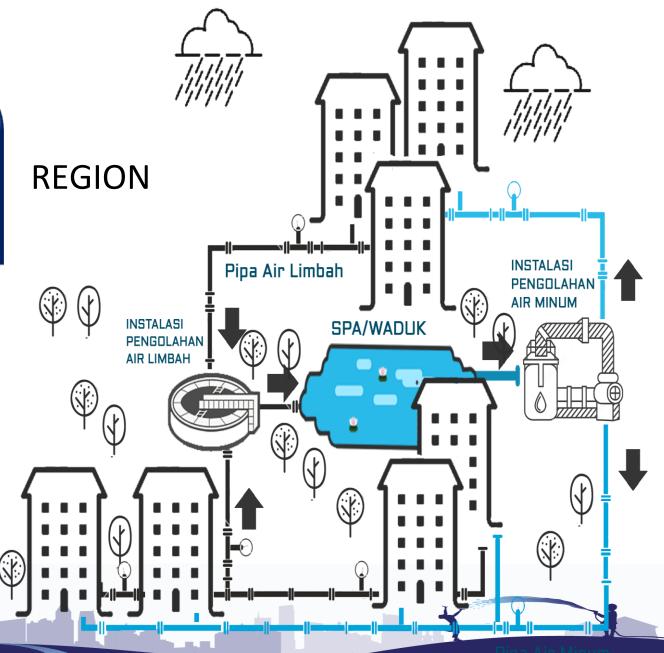
PLANNING FOR WATER & WASTE WATER INTEGRATED AREA





INTEGRATED WATER MANAGEMENT CONCEPT

1 54



STAKEHOLDER



	SURFACE WATER	STORM WATER	CLEAN WATER	GREY/BLACK WATER
<u>AUTHORIZE</u>	CENTRAL GOVT	LOCAL GOVT	PDAM	PD PAL
<u>PERMIT</u>	CENTRAL GOVT	LOCAL GOVT	LOCAL GOVT	LOCAL GOVT
BUDGETING	CENTRAL GOVT	LOCAL GOVT	PDAM	PD PAL
LOCATION	CENTRAL GOVT	LOCAL GOVT	PDAM	PD PAL



SUPPORT



- 1. FEASIBILITY STUDY
- 2. DETAIL ENGINEERING DESIGN
- 3. FUNDING



THANK YOU

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