Water Resiliency in Singapore





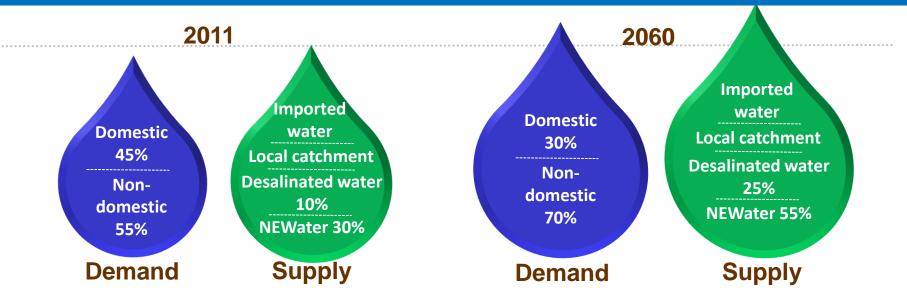




Land Area: Population: Average Annual Rainfall: Average Water Demand: Catchment Area: 710km² 5.4million 2400mm 1.8mil m³/day (400mgd) 66%

PUB is a statutory board under the Ministry of Environment and Water Resources, and is the national water agency of Singapore

Water Challenges Ahead

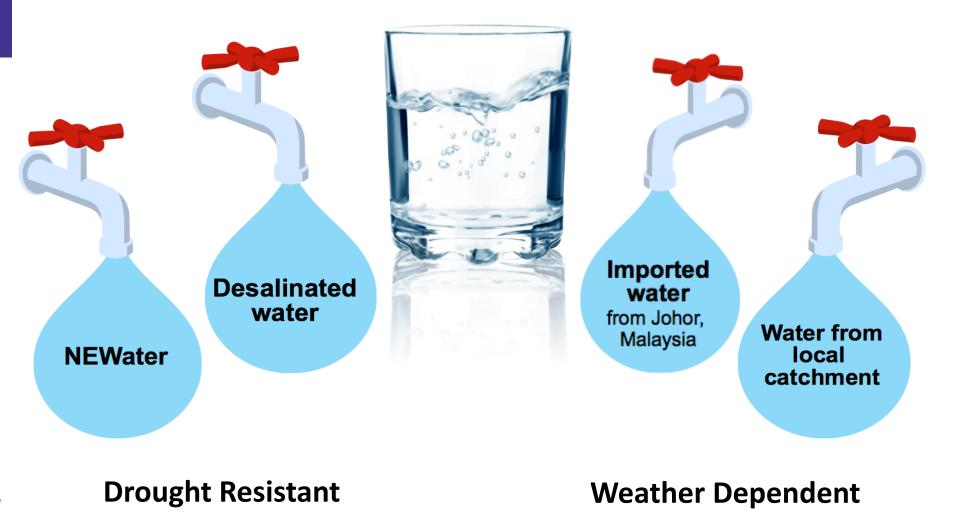


Water demand in 2060 = 2 x Water demand in 2011

Energy	Sludge	Water Quality	Land Use
 Triple from 1050 to 3200 GWh/year Footprint increase from 1.7 to 2.5 kWh/m³ 	Double to more than 600,000 tonnes /year	 Maintaining good water quality and security increasingly challenging 	 Siting of infrastructure increasingly challenging



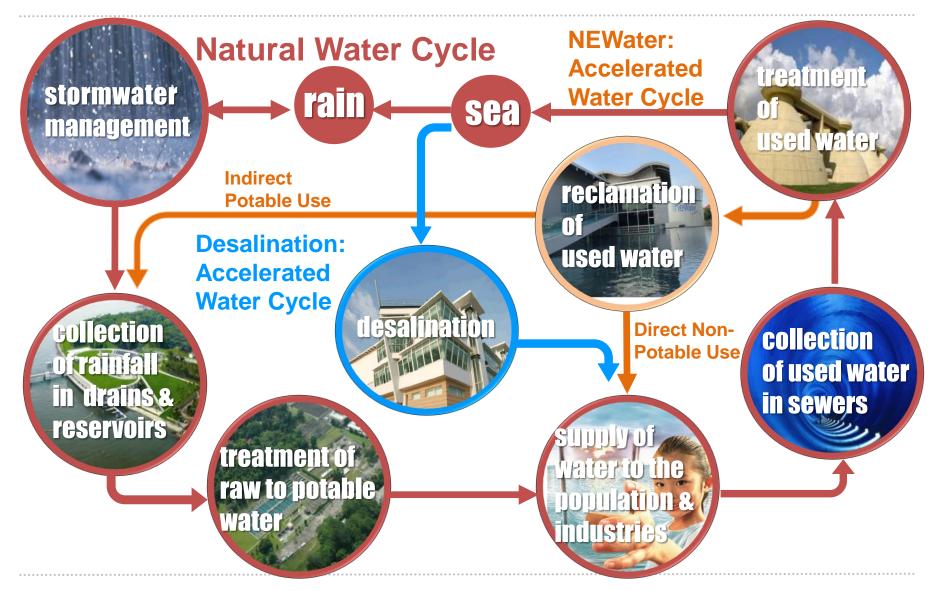
Four National Taps



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Closing the Water Loop



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Thank You

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