# Singapore's blue economy innovations

#### See Wan Yin

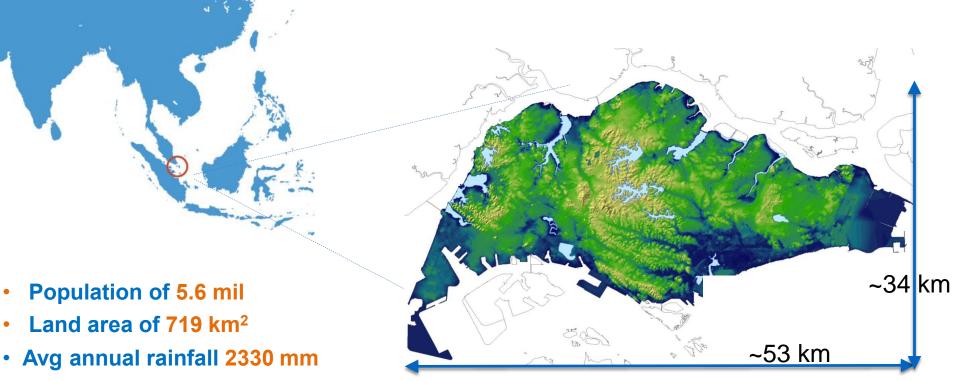
Senior Executive, Ministry of Environment and Water Resources



DE GADA

BE MAN AND

#### **Singapore: A Small Island State**



No Natural Resources

Singapore was ranked 171 out of 182 countries in terms of water availability (source: UN World Water Development Report, 2003)



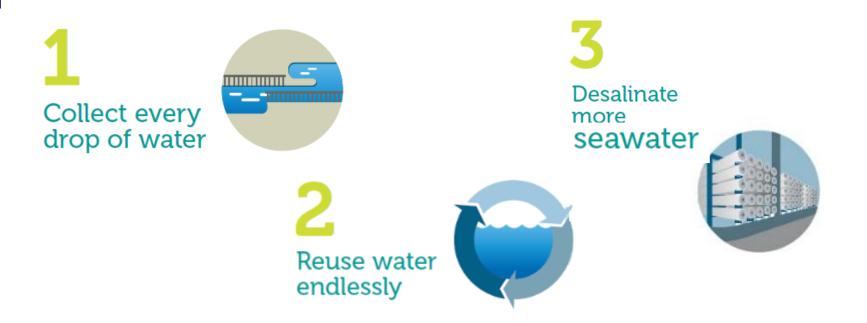
# Water is a national priority



Founding Prime Minister at Singapore International Water Week 2008 ... (Water) dominated every other policy.
Every other policy had to bend at the knees for water survival.

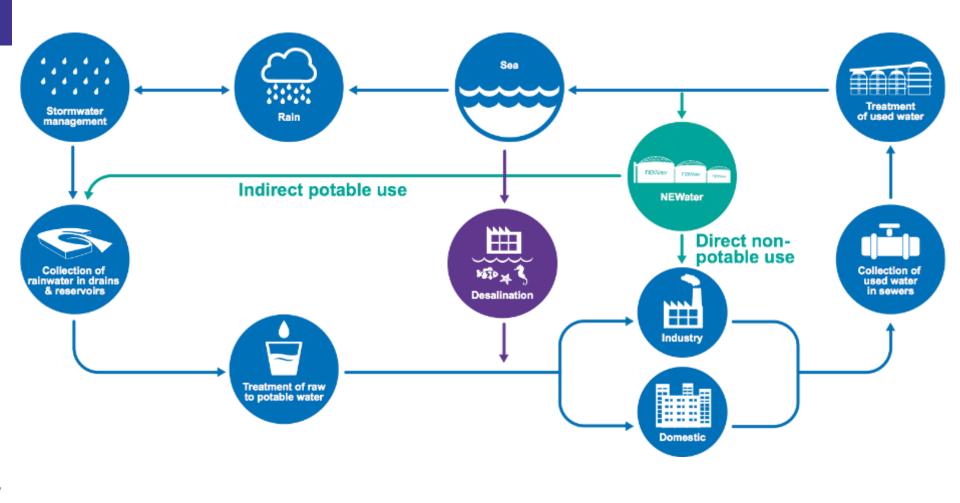
THE REPORT OF THE CONTRACT OF A DESCRIPTION OF

# Key Strategies in Providing Good Water



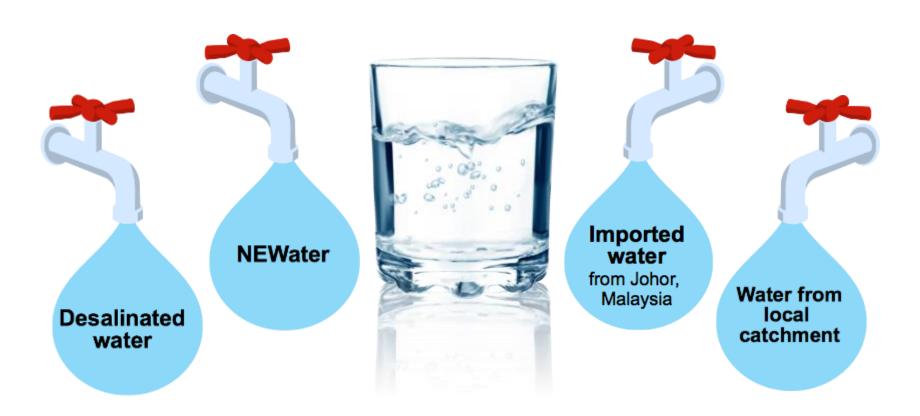
# Today, Singapore has a diversified supply of 4 different sources; Residents enjoy 100% potable water at tap & 100% sanitation

## PUB manages the complete water cycle





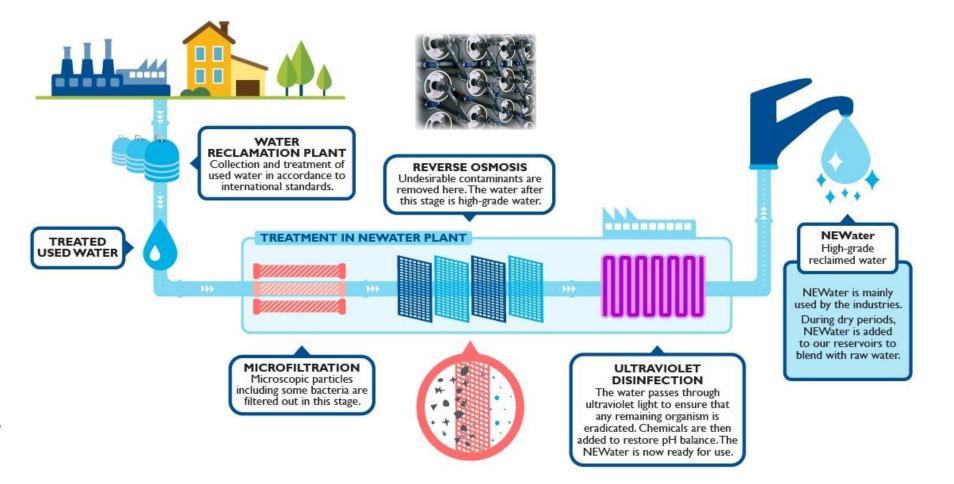
#### **Four National Taps**



www.pub.gov.sg

**DPUB** 

NEWater is high-grade reclaimed water (from treated used water), and replaces use of potable water for non-potable uses in industries.



#### **NEWater**

5 NEWater Plants today with total capacity of 175 mgd (up to 40% of demand).



PUR

Tap 3: NEWater

# Endorsement by leaders





#### Singapore's Voluntary National Review

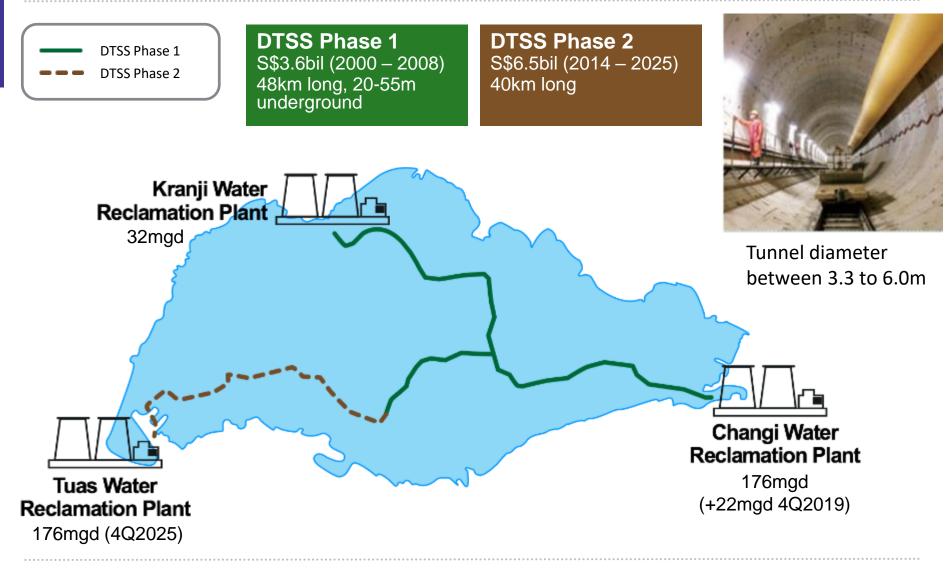
#### 2018 High Level Political Forum on Sustainable Development





Tap 3: NEWater <sup>10</sup>

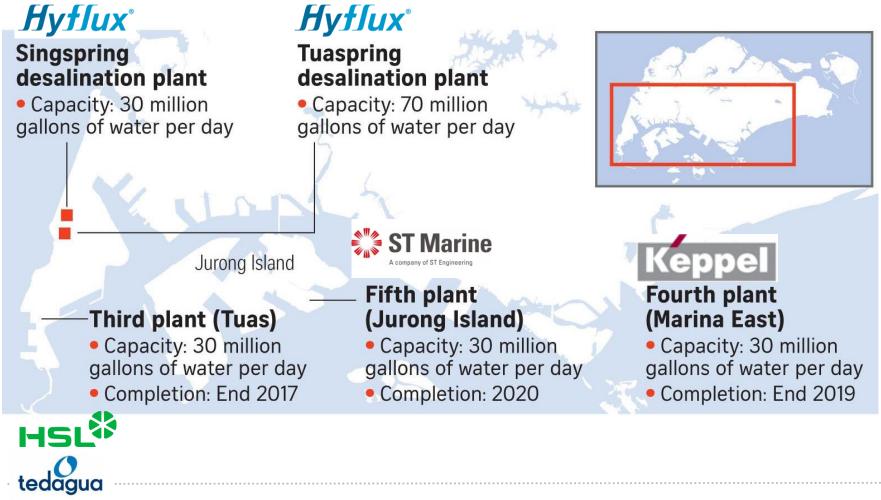
#### Reclaiming Used Water: Deep Tunnel Sewerage System





#### **Desalination**

#### Current Total Capacity = 130mgd

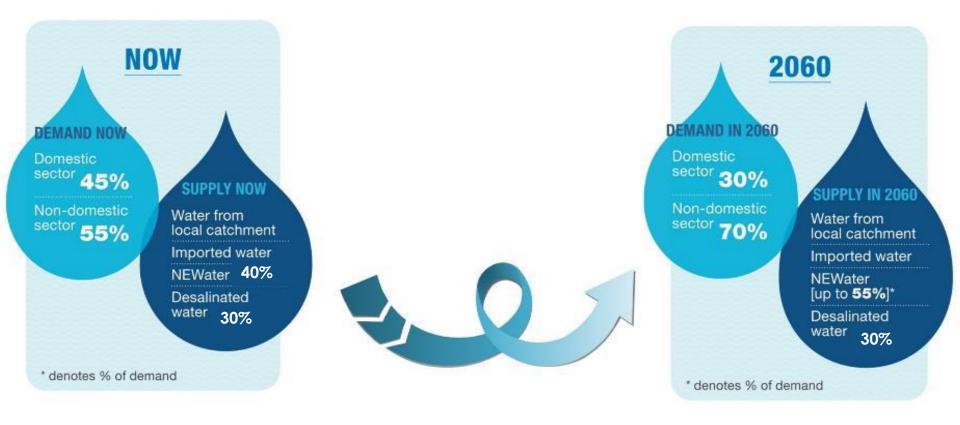


www.pub.gov.sg

#### *Q***PUB**

### Preparing for the Future

# 50-year Water Masterplan





# Thank You

35



の開

DE SAR DA

Sec. 24