

Digging deep for water security

The Deep Tunnel Sewerage System (DTSS), the second phase of which will be completed by 2025, is an example of an infrastructural project that will be eligible for financing through borrowing. The DTSS is an underground network of sewers that will channel used water by gravity to three centralised water reclamation plants.

Phase 2

• Cost:

\$6.5 billion

- 40km deep tunnels and 60km of link sewers
- To serve western and downtown Singapore

KRANJI WATER RECLAMATION PLANT (WRP)

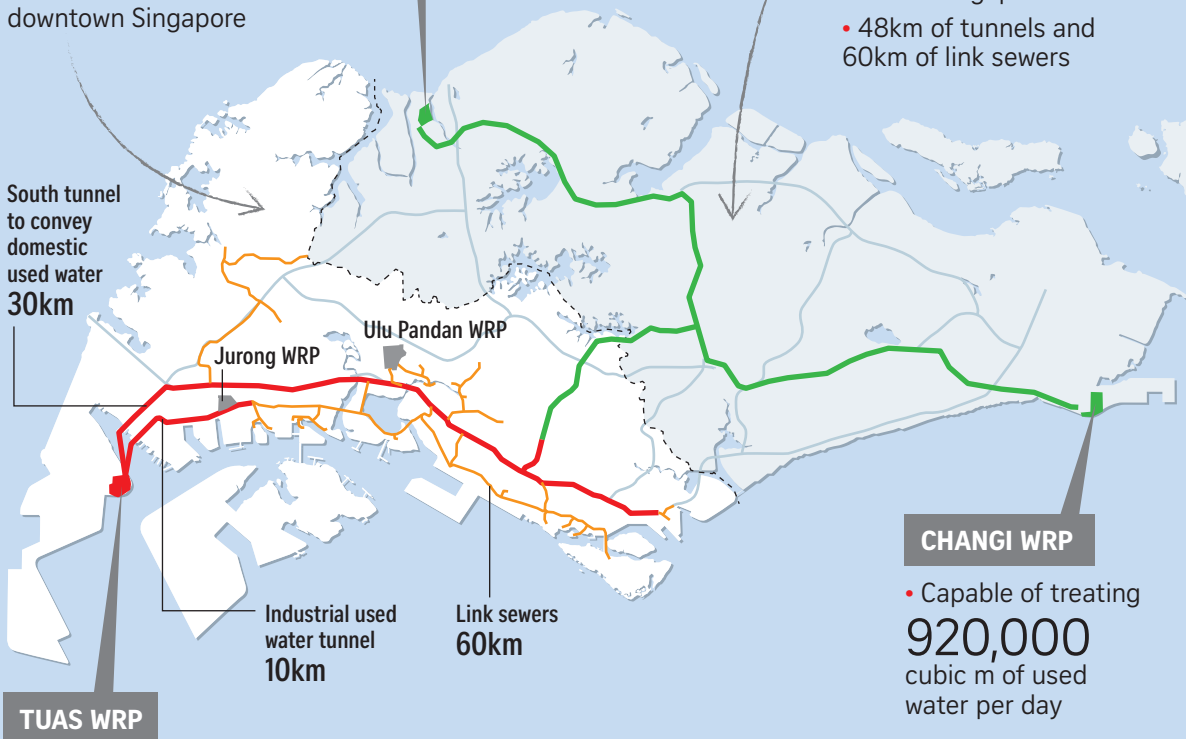
- Capable of treating **151,000** cubic m of used water per day

Phase 1

• Cost:

\$3.4 billion

- Completed in 2008
- To serve northern and eastern Singapore
- 48km of tunnels and 60km of link sewers



- Capable of treating **650,000** cubic m of domestic used water and **150,000** cubic m of industrial used water per day

- The project is expected to be completed by **2025**
- Total cost of DTSS: **\$10 billion**
- Land freed up by DTSS: **214 football fields**
- Channels used water to three water reclamation plants: Changi, Kranji and the new Tuas Water Reclamation Plant