



Efficiency of Operations

Tools for Overall Efficiency Optimisation 

[Overview on Tools for Network Optimisation](#)

Anchor Speaker

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Director/Head of Operations

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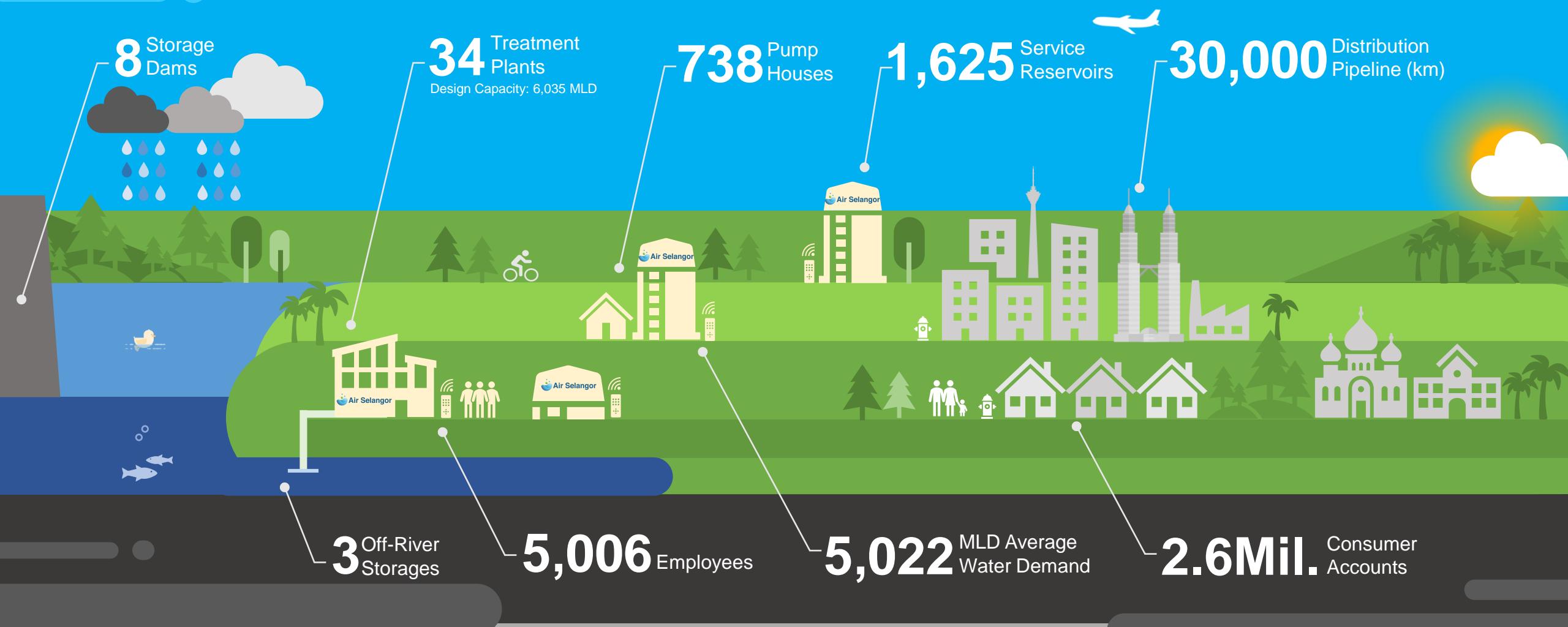




Air Selangor

Selangor is located on the west coast of the Peninsular Malaysia, and it is estimated to be 8,000 kmsq width. Selangor is Malaysia's most populous state, as well as the state with the largest economy in terms of gross domestic product.

On 13 September 2019, Air Selangor has officially become the single holistic licensee as Malaysia's largest water operator, to extract, treat, and distribute water to all its 8.4 million consumers in Selangor, Kuala Lumpur and Putrajaya consist of 10 regions namely Petaling, Klang/ Shah Alam, Kuala Langat, Sepang/ Putrajaya, Gombak, Hulu Langat, Hulu Selangor, Sabak Bernam, Kuala Selangor and Kuala Lumpur.

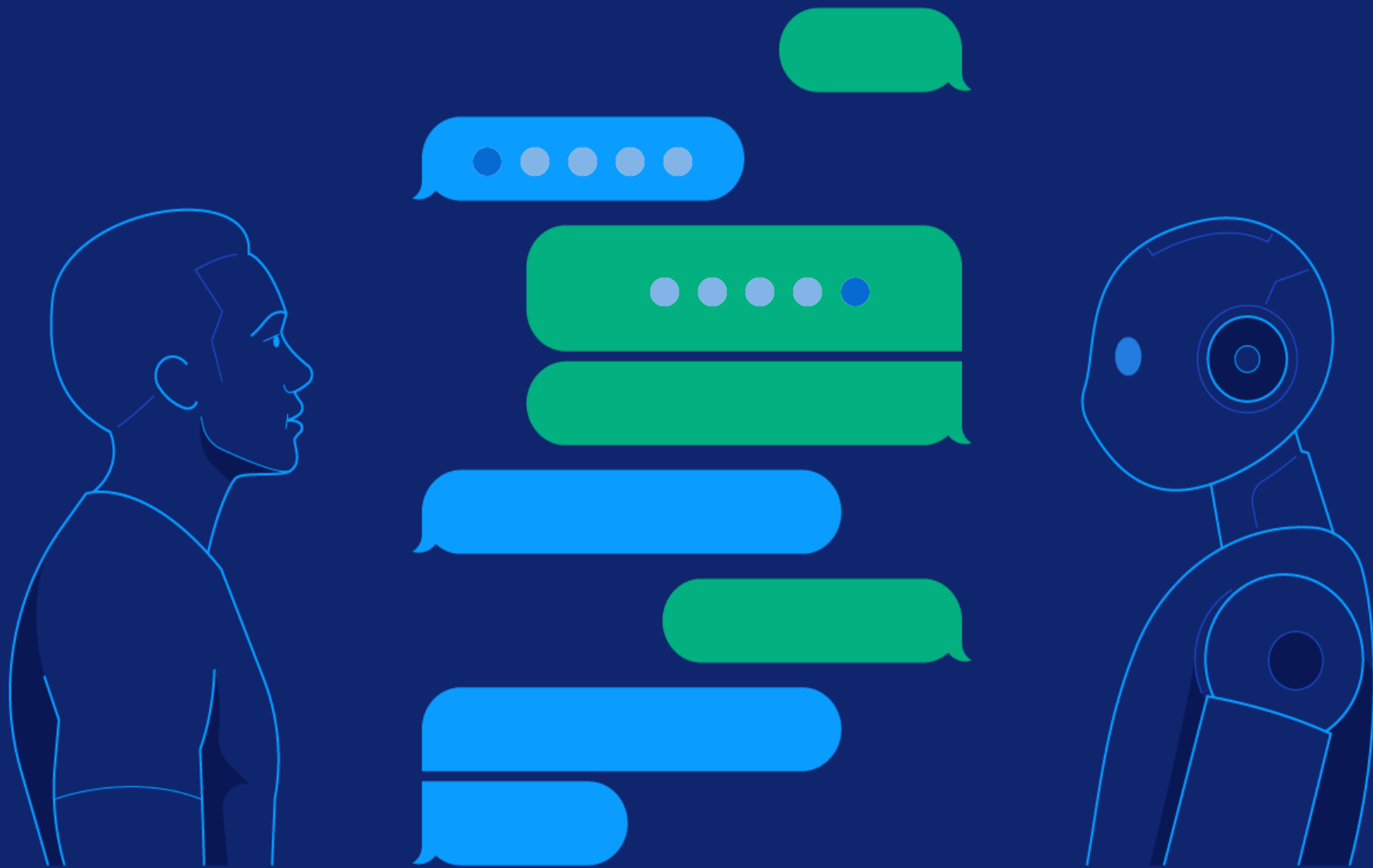




YEAR 2050
PROJECTION

8,931 MLD Average
Water Demand

3.5Mil. Consumer
Accounts



Customer Expectations



Customer Expectations



**Continuous
Water Supply**



**Water
Quality**



**Timely &
Accurate Bill**

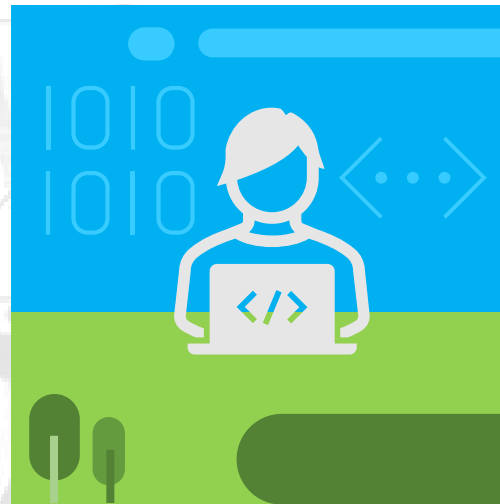
Air Selangor Digital Drive

Launched in 2019

Air Selangor Digital Drive



Assets
Real-time Monitoring &
Predictive



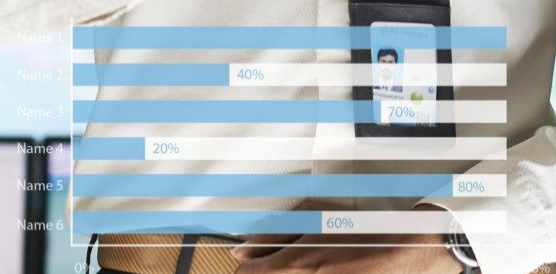
People
Digital Working
Culture



Customer
Customer
Empowerment



Tools for Network Optimisation



Network Optimisation Tools



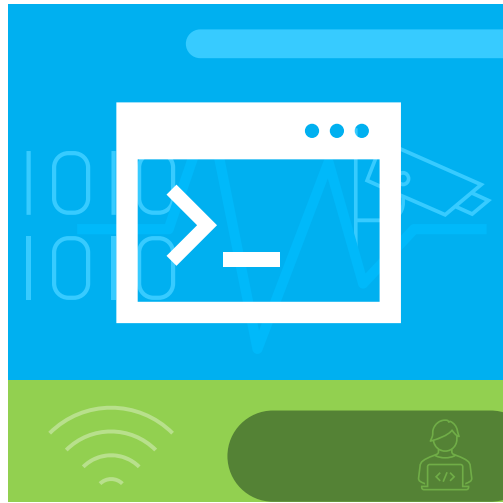
Real Time Monitoring
Intelligent Command
Centre



Big Data Analytics
Operations
Dashboard



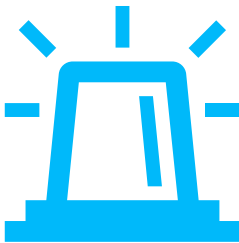
Digital Twin



Real Time Monitoring Intelligent Command Centre



Water system
health status



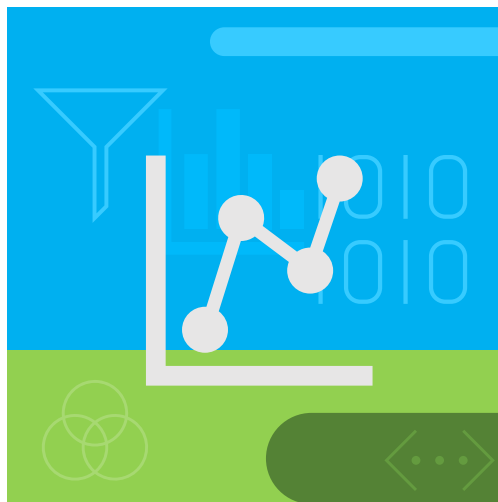
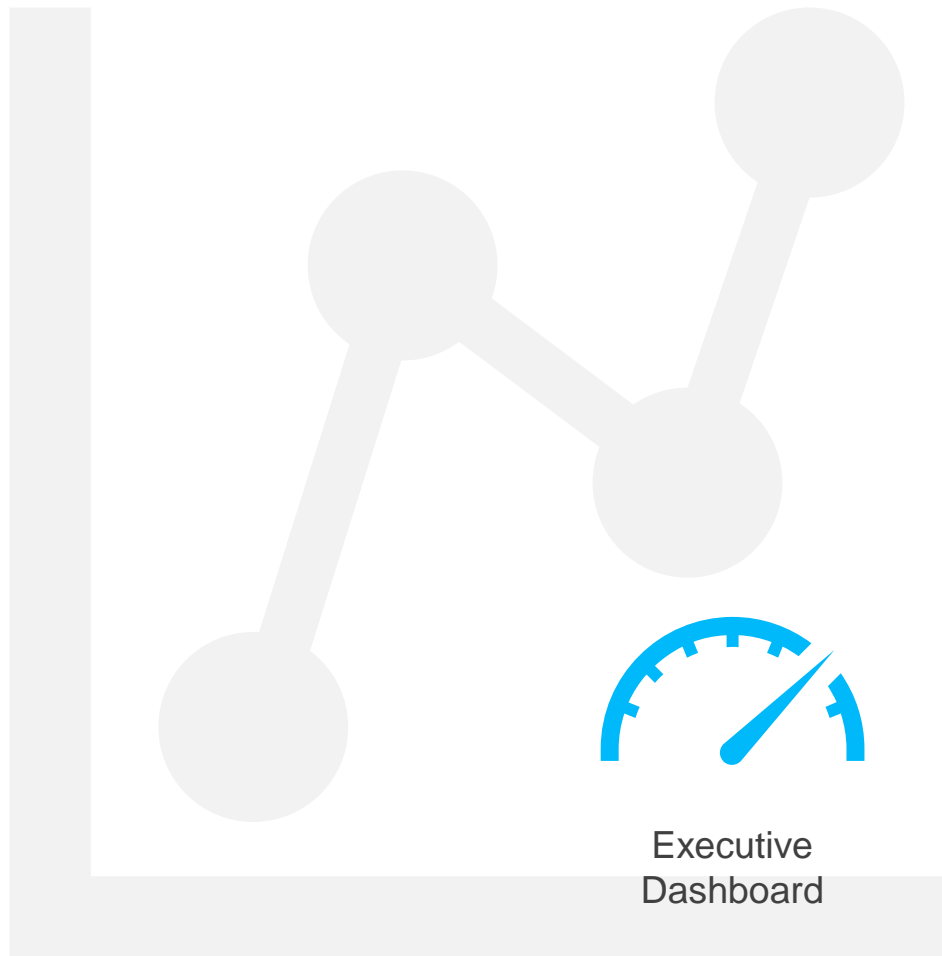
Trigger an
alarm



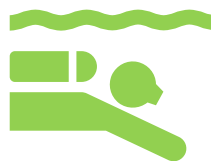
Proactive and
intervention plan



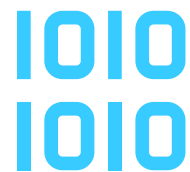
Leading to customer
best experience



Big Data Analytics
Operations
Dashboard



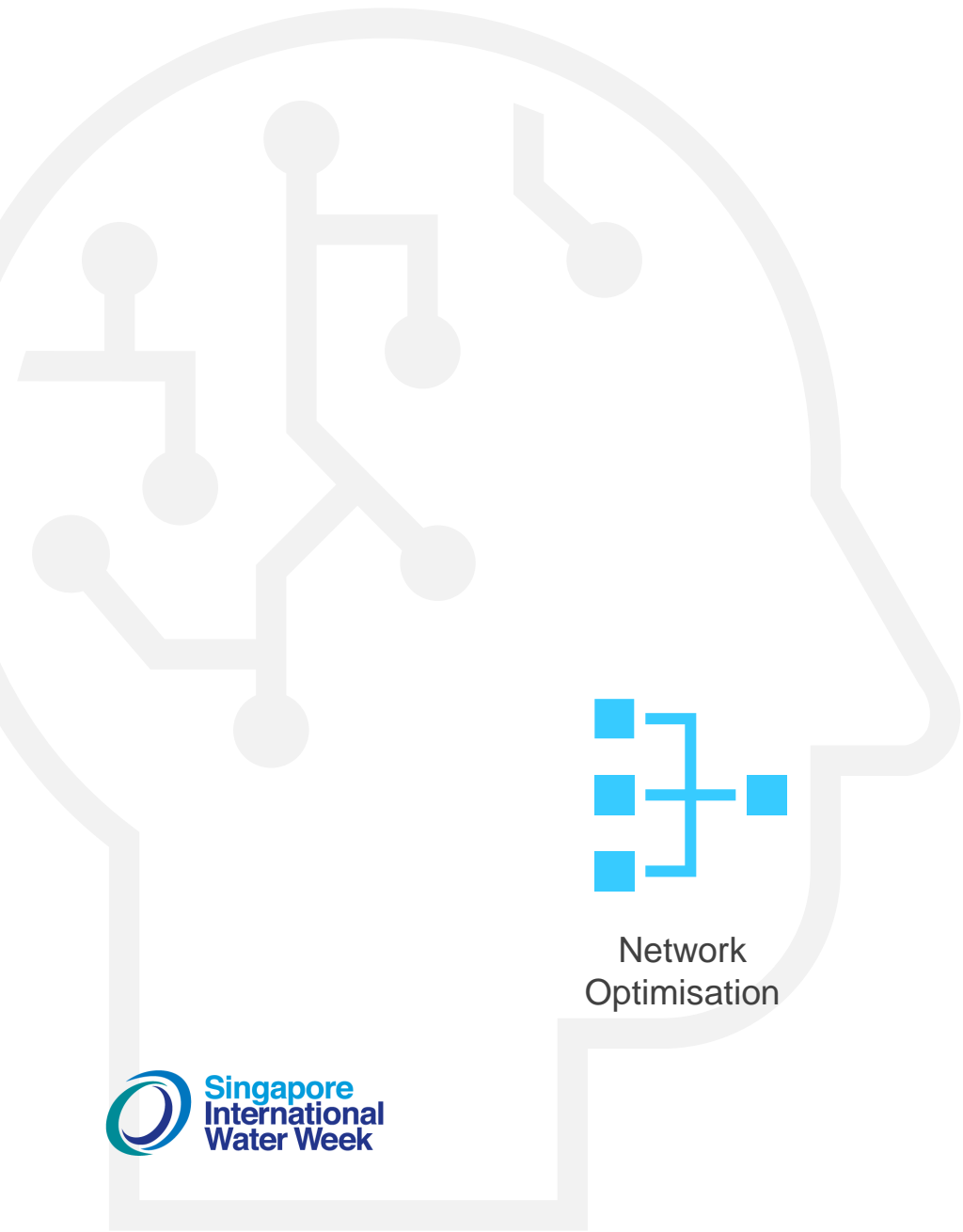
Deep dive
Operation Business
Intelligence (OBI)



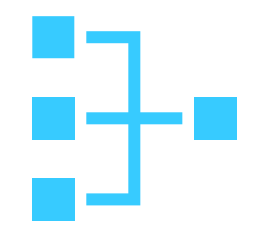
Analytic Use
Cases



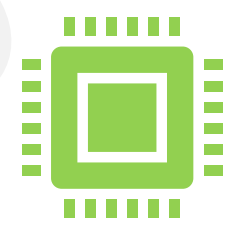
Artificial
Intelligence



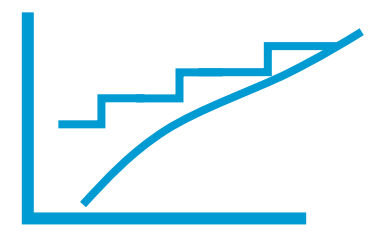
Digital Twin



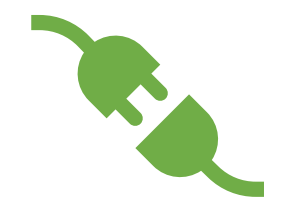
Network Optimisation



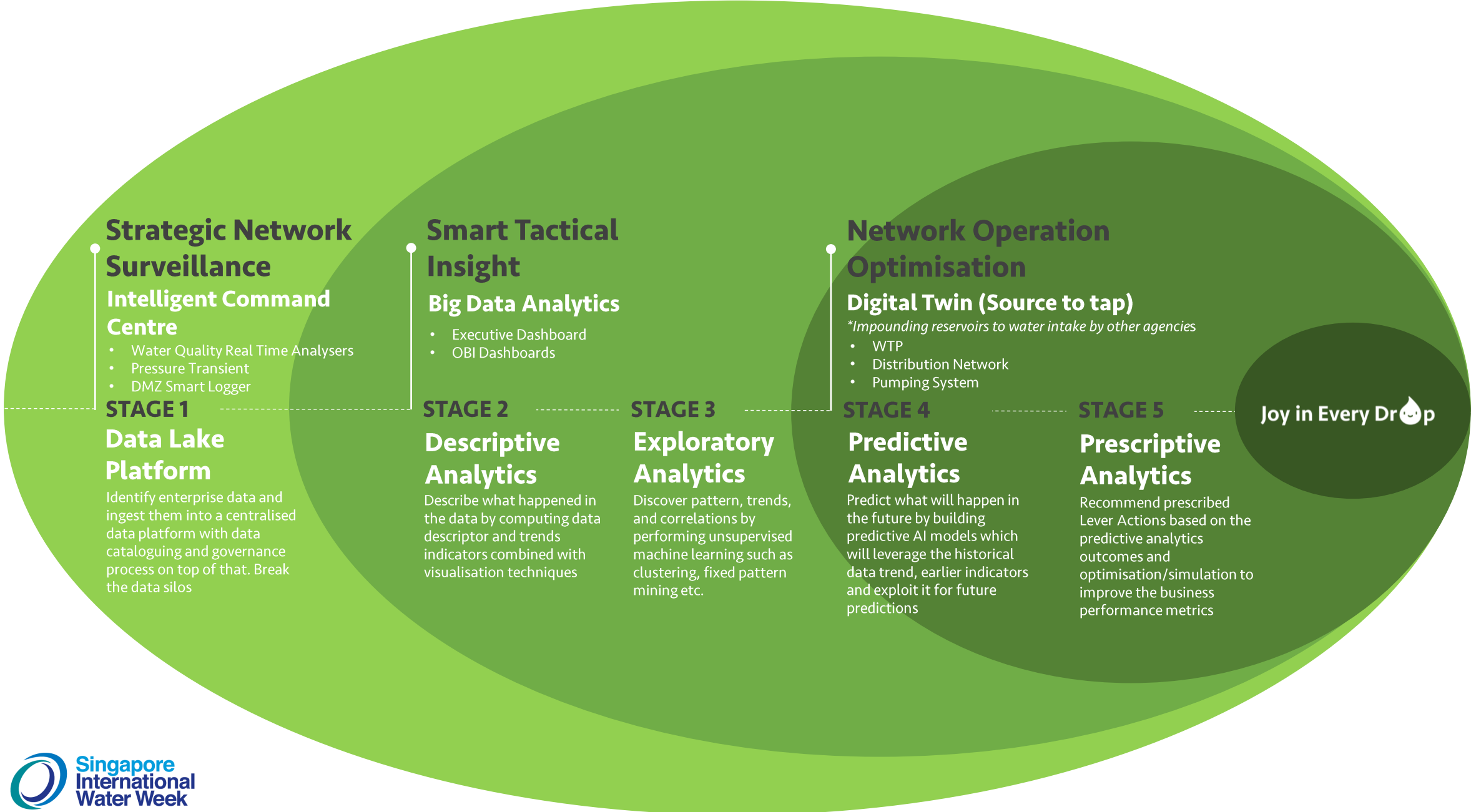
Network Improvement



Supply & Demand Planning



Support Emergency Response Planning (ERP)





Terima kasih
Thank you

