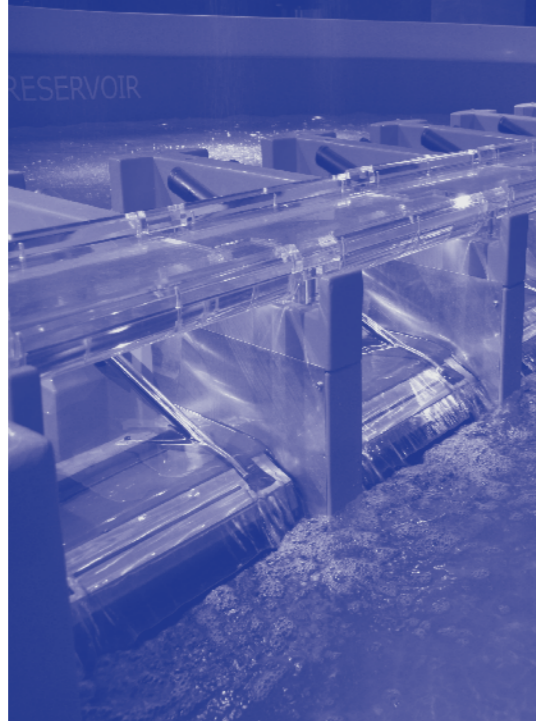


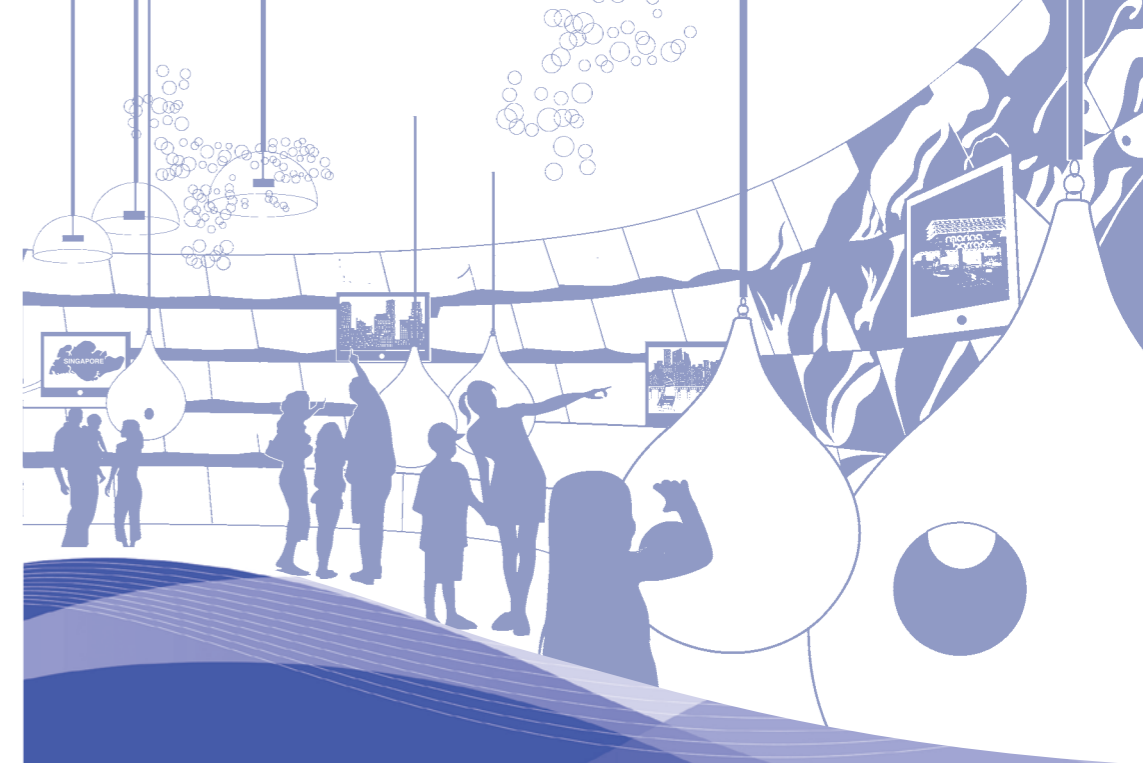
# GALLERY 4 THE MARINA BARRAGE

Come face to face with the innovative barrage model demonstrating how the Marina Barrage works. Gallery 4 details the intricate construction and operations of the dam. Watch what happens when rain falls and water builds up behind the barrage. See the pumps at work and learn all about the three-fold benefits of the dam.



# GALLERY 6 I DO

Gallery 6 displays an unwavering commitment from our 3P (People, Private and Public) sectors to care for the environment and water. Everyone has a stake in keeping the environment sustainable. Join in the commitment to making Singapore a better place to live in and take a picture of this momentous occasion!



# GALLERY 5 SMALL COUNTRY, BIG EFFORTS

An environmentally sustainable country requires thought and effort, as Gallery 5 proves. Get acquainted with Singapore's careful planning and management of its limited land area to maximise its potential. The sustainable development story unfolds in five chapters featuring different Singapore locations - Central Business District, Punggol 21+, Semakau Landfill, Jurong Island and Central Catchment.



# Holistic water management in action

The Marina Barrage's threefold benefits are:

## 1 RECHARGE [Water Supply]

The barrage, comprising a series of nine crest gates, spans across the 350m wide Marina Channel. Keeping out seawater, it transforms the Marina Basin into a freshwater body through natural flushing. This freshwater is further treated using advanced membrane technology to ensure it is safe for consumption.

## 2 REGULATE [Flood Control]

Separating reservoir and sea, the Marina Barrage is part of a comprehensive flood control scheme to alleviate flooding in the city's low-lying areas such as Chinatown, Boat Quay, Jalan Besar and Geylang.

## 3 RELAX [Lifestyle Attraction]

Unaffected by tides, waters in the Marina Basin are relatively constant and therefore ideal for various recreational activities such as boating, kayaking and sailing. Delivering a novel waterfront lifestyle experience, it adds to Singapore's bustling recreational scene as the venue for colourful water-based performances and thrilling water sports competitions and pleasure craft plying.

During heavy rain at low tide, the steel gates will be opened to release excess storm water into the sea. At high tide, seven drainage pumps capable of emptying an Olympic-sized swimming pool in nine seconds will be activated to pump out excess storm water. With the barrage regulating water flow, these pockets of low-lying areas in the city will no longer be prone to flooding.

# marina barrage

Sustainable Singapore Gallery



# SUSTAINABLE SINGAPORE GALLERY

The Sustainable Singapore Gallery (SSG) is an information and sensory extravaganza showcasing Singapore's efforts towards environmental sustainability. Explore six galleries, each sharing a unique aspect of Singapore's sustainable story. Uncover, through fun interactives and innovative multimedia, how a small country with limited resources meets the needs of a fast-developing community in an environmentally-friendly manner.



# GALLERY 2 A RIVER RUNS THROUGH IT

Rewinding back a few decades, Gallery 2 recounts the clean up of the Singapore and Kallang Rivers. In the 1970s, both rivers were like open sewers, choked with rubbish and emitting an unbearable stench. Learn how Minister Mentor Lee Kuan Yew, as Prime Minister of Singapore then, challenged a nation and brought about irrevocable change. Through the clean-up spanning ten years, witness Singapore's development from independence towards a mature city practicing environmental awareness.



# GALLERY 1 SOMETHING NEW?

Gallery 1 showcases the environmental challenges of today. Central to this gallery is the "organic tree". Illuminated by a play of three colours, it symbolises the uncertain state of our present environment. Keep an eye out for the feature wall made entirely from NEWater bottles. NEWater is ultra-clean water that has been treated with advanced membrane technologies to a very high standard. It marks an achievement in Singapore's efforts in becoming self-sufficient in our water supply. Its stringent purification and treatment processes help to ensure we enjoy a sustainable water supply as the recycled water can be reused many times over.

# GALLERY 3 WATER, WATER EVERYWHERE

Gallery 3 features the Active, Beautiful, Clean Waters Programme, launched by PUB in 2007. See the programme in action, as waterways throughout Singapore are revamped and beautified. Discover how these rejuvenated waters bring communities together and forge a common need to cherish this precious liquid. Visitors even have the chance to create their own ideal waterways around their homes!



## OPENING HOURS:

Weekdays: 9.00am to 6.00pm  
Weekends and Public Holidays: 10.00am to 8.00pm  
Closed on Tuesdays  
Free admission

Address: 260 Marina Way, Singapore 018976  
Guided Tours: Guided tours at scheduled times  
How to get there: Free shuttle bus service from Marina Bay MRT Station at regular intervals

Website: <http://www.pub.gov.sg/Marina>



260 Marina Way,  
Singapore 018976  
[www.pub.gov.sg](http://www.pub.gov.sg)

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