



**How do we  
effectively manage  
our limited water  
resources in order  
to sustain the  
future?**

FUTURE READY  
**singapore**



## In the global spotlight

The world's population will increase by almost 50% within the next 50 years, posing serious implications to water sustainability and the environment. With the earth's freshwater supply already severely strained, how can we make the most of our current water resources in order to sustain the future?

**71%**  
of the world  
is covered with **water**

**3%**  
of all water  
is **Fresh Water**



## Tackling the issue

In order to implement best practices for water management, a holistic understanding of urban planning is required. With that in mind, Singapore worked with CDM to establish the Neysadurai Centre for Integrated Water Resources and Urban Planning. The key objective of this integrated, multi-disciplinary research and development facility is to advance the understanding and management of sustainable urban environments.



## What makes the solution innovative

The Neysadurai Centre leverages on advanced planning, simulation models and decision software to gain insights into urban planning for the future. Tools such as advanced decision-support simulation models and efficient water management practices enable experts across multiple disciplines to visualise a holistic understanding of sustainable needs. Thus, they will be able to develop integrated solutions with multi benefits that will achieve environmental quality and economic viability.





## **Singapore's role** in developing the solution

Singapore's status as a global hydrohub and expertise in sustainable water management are key reasons why CDM chose to establish its Asian headquarters here. By setting up the Neysadurai Centre in Singapore, CDM is able to leverage on Singapore's diverse water ecosystem and talents to create, develop and test innovative urban solutions for the global market.

## **Exploring new frontiers**

After fully developing the urban system model in Singapore, CDM intends to scale up this integrated platform and eventually implement it in partner cities around the world. Also, CDM's 36 years of strategic partnership with Singapore adds to its continued growth and enhances its credibility in delivering leading-edge urban solutions for cities of the future.



## Background on solution provider

CDM is an employee-owned consulting, engineering and construction company. Its entity in Singapore, CDM International (S) Pte Ltd, has been operating in Singapore since 1974 and it recently designated Singapore as its Asian headquarters. Among its many projects with PUB on the design of its water treatment plants, CDM's most notable flagship project is its involvement in the design and implementation of the Marina Barrage dam in Singapore.



**Today's  
business partner\_**

**For tomorrow's  
world\_**

## **What is *Singapore: Future Ready*?**

*Singapore: Future Ready* articulates Singapore's aspiration to be an ingenious partner for global businesses as they develop their ideas for tomorrow's solutions. We do so by recognising the value of long-term relationships, adopting a forward-looking approach, and taking on challenges with a can-do spirit. Against the backdrop of an ever-changing economic landscape, it also underlines Singapore's unique ability to help companies deliver solutions more quickly, with the right combination of talent, innovation, and strategic leadership.

To witness Singapore's future-ready partnership in action, visit [www.singaporebusiness.com](http://www.singaporebusiness.com) now.