

Launch of the 1st Caisson for Tuas Terminal Phase 1 Development

The construction of the first phase of Tuas Terminal development has reached an important milestone with the official launch of the first caisson on 29 April. Surbana Jurong is proud to be the consultant for the planning and engineering design as well as the supervision of the construction, which includes project management, contract administration and site supervision for this mega project.

The event was graced by Coordinating Minister for Infrastructure and Minister for Transport Mr Khaw Boon Wan who initiated the launch of the first caisson. Representing Surbana Jurong at the event was Group CEO Mr Wong Heang Fine and Deputy CEO, Infrastructure, Mr Loh Yan Hui.



Launch of the first caisson by Minister Khaw Boon Wan



Minister Khaw Boon Wan, MPA CE Mr Andrew Tan and Assistant CE Captain M Segar, Surbana Jurong Group CEO Mr Wong Heang Fine and Surbana Jurong Deputy CEO, Infrastructure Mr Loh Yan Hui together with representatives from MPA, Surbana Jurong, DIAP-Daelim Joint Venture, JTC Corporation and National University of Singapore

The Tuas Terminal is part of Singapore's efforts to consolidate its port activities at Tuas to continue the success and support the demand for container port handling facilities. As key pillar in Singapore's Next Generation Container Port, the Tuas Terminal is an engineering feat with many innovative features. For instance, the design includes the re-use of dredged and excavated materials as

reclamation fill materials which results in significant material cost savings of some \$1 billion. The use of innovative caisson design for the wharf structures also helps to improve productivity and quality as the caissons are of standard sizes and pre-fabricated in a controlled environment on site.

The Tuas Terminal will be developed in four phases over a span of some 30 years, with the construction of Phase 1 scheduled for completion in the 2020s. When fully operational, the Tuas Port will be the first in Singapore designed to accommodate ultra large container vessels (ULCV) beyond the current size of ULCV and is able to handle up to 65 million twenty-foot equivalent units per annum.



The first caisson transferred onto the floating dock at the Tuas Terminal construction site