

Gardens by the Bay Singapore

Following an international design competition, the team led by Grant Associates was selected to prepare the masterplan for Marina South Gardens in Singapore as part of the National Parks Board Gardens by the Bay project.

This is the largest garden project ever undertaken in Singapore, and a landscape project of world significance. It is intended to raise Singapore's profile and cement its image as the leading garden city in the east. It is therefore integral to the future planning of Singapore as a major global hub and business centre.

The masterplan takes its inspiration from the form of the orchid, and has an intelligent infrastructure that allows the cultivation of plants that would not otherwise grow in Singapore. The centrepiece of this infrastructure is the cluster of Cooled Conservatories along the edge of Marina Bay. The Cool Dry and the Cool Moist Conservatories showcase Mediterranean, tropical montane and temperate annual plants and flowering species. They also provide a flexible, flower-themed venue for events and exhibitions.

The Supertrees are magical vertical gardens ranging from 25 metres to 50 metres in height. These structures are an iconic landmark for the Gardens and Singapore. They are also the environmental engines for the Conservatories and Energy Centre, containing solar hot water and photovoltaic collectors, rainwater harvesting devices and venting ducts.

The dual theme of Marina South is 'Plants and People' and 'Plants and Planet'. Each narrative encompasses the length of the gardens, with the Conservatories providing the focus and main educational message.

The Gardens by the Bay masterplan was Commended at the MIPIM Awards 2009.



Site Area: 54 Hectares
Client: National Parks Board, Singapore
Architects: Wilkinson Eyre Architects
Engineers: Atelier One
 Atelier Ten
Quantity Surveyors: Davis Langdon & Seah
Overall Project Value: £350 million

Top: Competition masterplan
 Above: Conservatories viewed from across Marina
image by Squint/Opera
 Left: Lion Grove Supertrees; Dragonfly Bridge