

Sustainable Ecology, the Smart STSP



▲ The Plantation Project of Million Trees in the KSP- Norfolk Island pine

Cherish Water and Power Resources with Effective Water and Energy Conservation

In 2014, five consultation projects for energy saving mentoring were conducted for enterprises, leading to the potential energy saved up to 4.691 million kWh and 2,444 tons reduction of the carbon emission. Additionally, seven consultation projects for water conservation mentoring were conducted for enterprises, estimated to save 1.0596 million tons of running water use and reduce 164 tons of carbon emission.



▲ Assistance and Counselling for Energy and Water Conservation Given to Park Enterprises

New Paradise of Animals and Plants on STSP Wetland

The land at the southern side of Xiake Lake and at the western side of designated Sewage Treatment Plant Phase II was established for ecological conservation covering the total construction area of 3.5 hectares and watershed area of 0.9 hectare to create the diverse habitat for animals and plants. The STSPB used effluent from the Sewage Treatment Plant, at present, about 2,000 tons of water daily, flowing among five shaped water towers to nourish more than 20 kinds of aquatic plants. The sewage effluent utilization not only purified water but also reduced ammonia nitrogen contents. Hence, aquatic plants grew into lush vegetation, and the land became a new paradise for birds.



▲ Good Location for Settling Down with Biodiversity