

Culture and Art, the Beautiful STSP



■ The Green Factory at the TSP — Phase I Factory of Delta

Promoting Energy Saving and Cherishing Resources

In terms of electricity saving, in 2014, five consultation projects for energy saving mentoring were conducted for enterprises, leading to the potential energy saved up to 16,910,000 kWh and 8,827 tons reduction of the carbon emission. Additionally, seven consultation projects for water conservation mentoring were conducted for enterprises, estimated to save 890,000 tons of running water use and reduce 185 tons of carbon emission.

Construction of Demonstration of Photovoltaic Power Generation System

The STSPB actively installed the demonstration of photovoltaic power generation system on the roof of public buildings. By the end of 2014, a capacity of 649.8kWp was installed to provide about 10% of the electricity used for street lights at the TSP. Enterprises were encouraged to install the photovoltaic power generation system on their roofs with a capacity lower than 500kw. By the end of 2014, a capacity of 4,592.5kWp has been installed.

Planting Trees for Low Carbon Emission

In 2014, the STSPB promoted the goal to reduce carbon emission up to 5,000 tons by planting 41,975 trees (13,953 at the TSP and 28,022 at the KSP), reusing dropped branches and leaves as compost at the volume of 311.6 tons, and converting 440 traditional street lights into 120 watt LED lights.



■ The Plantation Project with the Re-plantation of Trees Cultivated at Green14 at the TSP