

Low Carbon Manufacturing Programme

Case Study



With the rapid development of inland cities in China, many factories in the Pearl River Delta Region are facing a problem with staff turnover. Some factories use higher salaries to retain staff, while other factories increase their staff's sense of belonging. Environmental protection is one way to do this.

Fountain Set (Holdings) Limited is a famous circular knitted fabric manufacturer. Based on standards provided by the LCMP, its subsidiary - Dongguan Shatin Lake Side Textiles Printing & Dyeing Co. Ltd. - started reducing its carbon emissions through reducing air pollution, energy conservation and water resource management; both in production and in the daily lives of their staff. Measures included utilizing production equipments with higher energy-saving and efficiency level, enhancing equipments to reduce CO₂ emission, and using energy-saving lighting and LED bulbs.

Mr. Andrew Yau, Senior Vice President - Regional Business of Fountain Set Limited said, "Textile factories usually stay in the same location for 20 years, and thus many staff have family living in the community and becomes resident of the area. If our manufacturing processes damage the environment, this will clearly affect our workers' daily lives. Therefore, protecting the environment around a factory can increase staff members' sense of belonging to the workplace and community."

Results

- Reduction of CO₂ emissions by 12 percent per pound of finished product in 2010.
- Overall reduction of CO₂ emissions by 50,000 tons.
- Investment of RMB 10 million, leading to a savings of RMB 19 million in the same year.

Factory

Dongguan Shatin Lake Side
Textiles Printing & Dyeing
Co. Ltd.

Parent Company

Fountain Set (Holdings)
Limited

Industry

Textile & Garment

Label

Gold

LCMP - A comprehensive carbon accounting and labeling system

Website: wwf.org.hk/lcmp | Email: lcmp@wwf.org.hk | Tel: +852-2161-9655

LCMP is a WWF initiative with verification from third parties.