



LCMP Quarterly

January 2026



2025 Corporate Awards Presentation

WWF-Hong Kong's annual Corporate Awards Presentation was held on 16 January 2026. Themed "Nature-Business Solutions: Partnerships for the Future", the event brought together a diverse group of leaders from the Hong Kong business community, including enterprises and strategic business partners. Collectively, we celebrated the success of our Low Carbon Manufacturing Programme (LCMP), our Low-carbon Operation Programme (LOOP^{PLUS}) and our Corporate Membership Programme.

This year's awards highlighted the transformative power of collaboration between the environmental and business sectors, and underlined how corporate volunteering drives long-term economic, social and environmental benefits for all stakeholders.

In 2025, 22 factories received LCMP accreditation, five companies were given LOOP^{PLUS} labels, and 56 companies collected Corporate Membership Programme awards. As these programmes enter their second decade, we are proud that businesses are continuing to engage and participate, proving that these partnerships can stand the test of time. After the awards were presented, the group then networked and took part in insightful discussions about the future of sustainable development.

Success story: Dongguan Shatin Lake Side Textiles Printing & Dyeing Co., Ltd.

FROM "WE MUST DO IT" TO "WE WANT TO DO THIS"

Mr. Ruixue Zhang, Director of the Sustainable Development and Corporate Social Responsibility Committee, the Vice President of Fountain Set and General Manager of Shatin Lake Side

Dongguan Shatin Lake Side Textiles Printing & Dyeing Co., Ltd. (Shatin Lake Side) was established in 1996 and specialises in printed and dyed fabrics. It is a subsidiary of Fountain Set (Holdings) Limited under COFCO Corporation Ltd.'s Chinatex brand.

A pilot member of the LCMP since 2009, Shatin Lake Side has earned multiple Gold Labels since 2011. Despite numerous challenges over the past 17 years, the factory has remained resilient which stems from a strong commitment to sustainable business practices.

They use the LCMP carbon accounting tool to quantify carbon emission baselines and identify high energy-use areas, visualise carbon data and formulate carbon reduction strategies. The LCMP's third-party verification and labelling system further motivates energy-saving innovation.

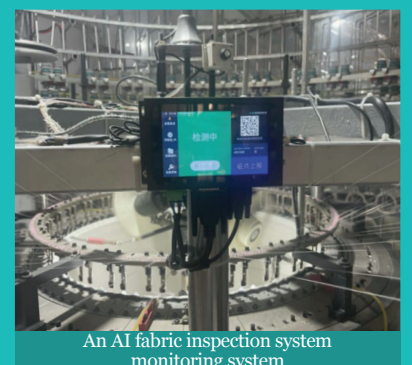
Inspired by LCMP case studies, Shatin Lake Side applied an electricity-free cooling coating to their warehouse rooftop to lower indoor temperatures.



Current best practices at Shatin Lake Side include:

1. AI-powered fabric inspection for knitting machines

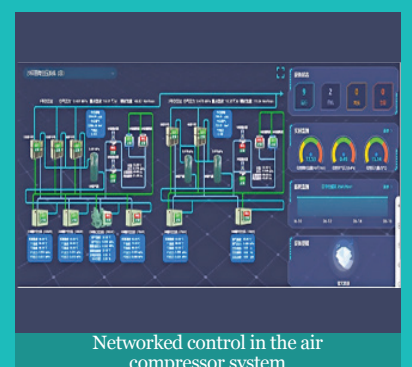
The factory uses AI-based technology that detects fabric surface defects through AI image recognition. This replaces human inspection with AI algorithms, allowing for continuous, real-time defect monitoring in circular knitting machines – machines can then be quickly adjusted to improve quality. This has reduced substandard fabric production, broken knitting needles and missed inspection rates. Annually, this saves almost 13,000 kWh of electricity used in repairs, cuts solid waste by 99,600 pounds and reduces carbon emissions by 7.52 tonnes.



An AI fabric inspection system monitoring system

2. Intelligent air compressor system

The factory's air compressor and associated equipment – the dryer, air receiver and the cooling tower's circulating water pump – are now linked up, which facilitating integrated operations and maintenance. This allows real-time tracking and immediate repair of any malfunctions, ensuring a continuous and stable supply of air to the workshops. The system also uses AI technology to optimise operations through constant learning. This has cut energy consumption by 23.96%, saving 732,084 kWh of electricity annually and lowering carbon emissions by 417.51 tonnes per year.



Networked control in the air compressor system

3. Replacing conventional jet overflow dyeing machines with air flow dyeing machines

The new air flow dyeing machines have advanced computing power and are designed with larger capacities, better capabilities and lower bath ratios. This improves production efficiency, reduces wastewater discharge and lowers water, electricity and steam consumption. Together, these features save about 552,000 kWh of electricity and 17,250 tonnes of steam annually, reducing carbon emissions by approximately 5,861 tonnes.



The new air flow dyeing machines



LCMP 2025 Scorecard Summary

Twenty-two companies received LCMP labels in 2025. Three achieved Platinum recognition, 11 received Gold, seven earned Silver, and one was granted a Certified label.

Cumulative results from 41 LCMP-accredited companies over the past two years underscore the programme's continued effectiveness. On average, the participating companies achieved a 7% annual reduction in carbon intensity. Despite aggregate business growth of 57% over the base year, they still avoided approximately 341,514 tonnes of carbon emissions, equivalent to the amount of CO₂ absorbed by about 14,848,438 trees in one year. Absolute emissions also fell by around 309,284 tonnes.

Sixty-seven per cent of the LCMP companies that experienced business growth also managed to reduce their carbon intensity. These results were driven by upgrading the efficiency of facilities and systems, optimising production parameters and management systems, and adopting renewable energy.



Scan the QR code to view the full 2025 LCMP Scorecard

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