



TUNG HO TEXTILE CO., LTD.
Institutional investor conference

2023/12/15

Symbol : 1414
<http://www.tunggho.com.tw>

Disclaimer

The information in this presentation contains forward-looking statements that may be influenced by uncertainties and risks in the future and some parts are out of our control and the actual results may be different from the forward-looking statements. If there are any changes or modifications in the future, please check the announcement information in the Public Information Observatory.



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01. Company profile

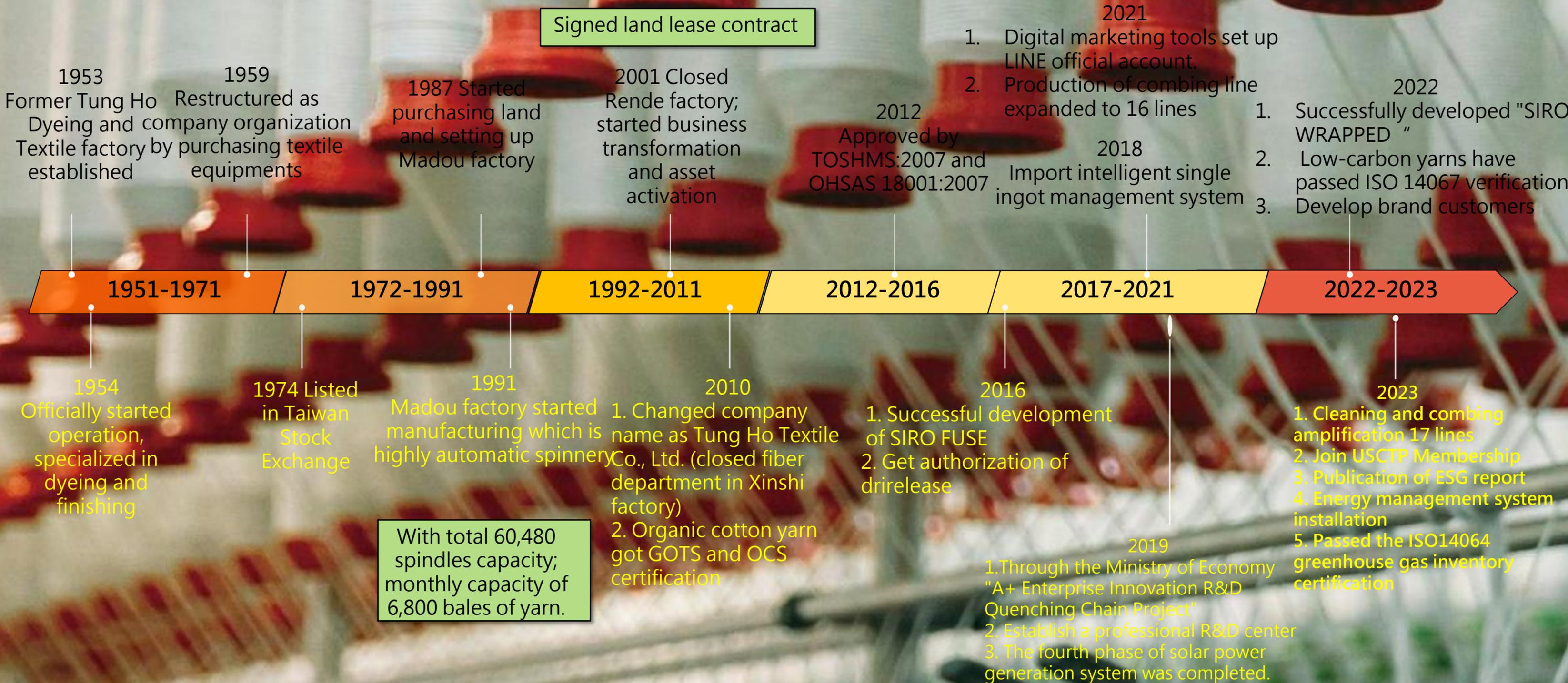
Company Information

Chairman	Tsai, Shu-Ying
General manager	Chang, Chia-Heng
Year of Establishment	1953
Registered capital	2.2 billion
Revenue	NT\$ 688,943 thousand dollars (2022)
Revenue breakdown	Blended yarn 81% Lease 19%
Philosophy	Endless Research Advanced Development Sustainable Development Customer First Service



東和紡織股份有限公司
Tung Ho Textile Co., Ltd.

01. About Us - History



02. Main Products



Wicking and Fast Drying |
Permanent Performance |
Odor Control | Superior
Comfort

Drirelease
The special features on
combination of
hydrophilic and
hydrophobic fibers

**Blending
Yarn**
General ring spindles
and blended yarn

Low Pilling | Cotton feel |
Long and short fiber
composite creates superior
hand feeling and physical
properties

SIRO
SIRO-COMPACT
SIRO-WRAPPED
SIRO-FUSE

**Multi-
Function**
Collaborative
development of
customized ratio

Temperature regulation |
Natural environmental
protection | Antibacterial
deodorization | Skin care
moisturizer |

Advanced spinning process-SIRO

SIRO-COMPACT

The fibers are arranged parallel and tight
Low hairiness is resistant to feathering

SIRO-WRAPPED

Combined with long fiber, good strength, low hairiness characteristics
It has a soft feel with staple fiber skin-friendly

SIRO-FUSE

Customized intervention yarn knot length/knot ratio
The cloth fabric is unique



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SIRO-WRAPPED

	Siro Wrapped	Ring
Thread count	30	
Blend ratio	Polyester40% / Cotton60%	
Non-uniformity(U%)	7.66	10.13
IPI(piece/km)	99	135
Hairy index(Hairiness)	3.87	4.67
Toughness (grade) ASTM D3512 30min	4.0	2.5

Improve the physical properties of yarn

- ◎ The yarn rod is more uniform and the surface is smoother, which helps to reduce microfibrillary shedding
- ◎ The combination of different fibers creates unique value

Source : Study on Moisture Absorption and Perspiration Properties of Filament/Staple Composite Yarn

Author : TTRI 盧明珠(M.C.Lu) ; TUNGHO 蔡尚志(S.C.Tsai)



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03. Operational Overview



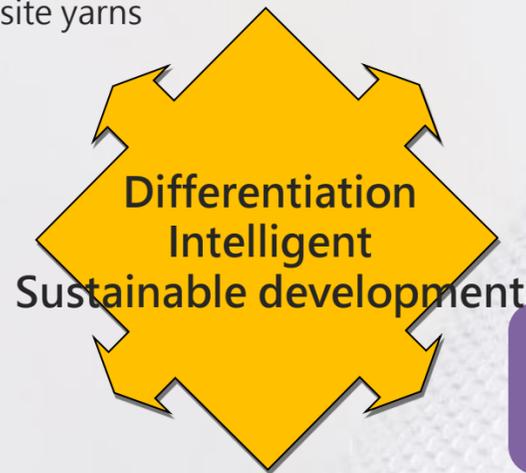
Direction of operation



Set up a professional R&D center

- Continuous expansion of special yarn production lines and optimization of spinning processes
SIRO-COMPACT,SIRO-SLUB,SIRO-FUSE
- The Company has developed SIRO-WRAPPED long and short fiber composite yarns

→ Expanded to 17 lines, with special yarns accounting for 60% of the plant's production capacity.



Collaborative development of customized production



- Customized differentiated special yarn types to attract brand customers
- Upstream, midstream and downstream integration and collaborative development of functional yarns



Breathable



Suction



antibacterial



Temperature



Skin-friendly



environmental protection



Anti-odor



UV resistant



Intelligently manage flexible production

- SpiderWeb online quality monitoring
- Intelligent single spindle management system/App
- LOEPFE Millmaster has a comprehensive check on the quality of the finished yarn
- Establishment of ESP big data knowledge management system
- Smart meters control and regulate power heat sources

Green energy and environmental protection, sustainable textile



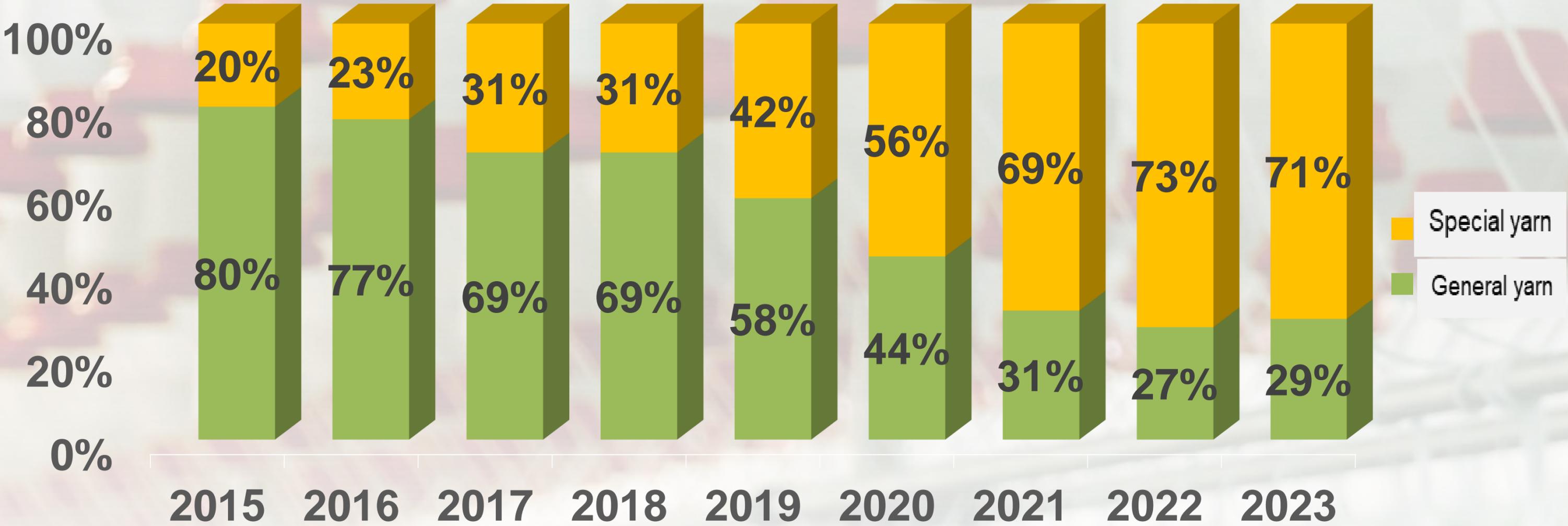
- Energy-saving and environmentally friendly workshops
- International environmental certification
- Development of recycled/biodegradable and environmentally friendly yarns
- Low-carbon products are certified according to ISO 14067
- Completed the ISO 14064 verification of greenhouse gas inventory

03. Operational Overview



Portfolio optimization

General yarn/special yarn sales ratio



The product portfolio continues to be optimized - the proportion of special yarn sales continues to grow

04. Future outlook



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Promoted by sustainable policies

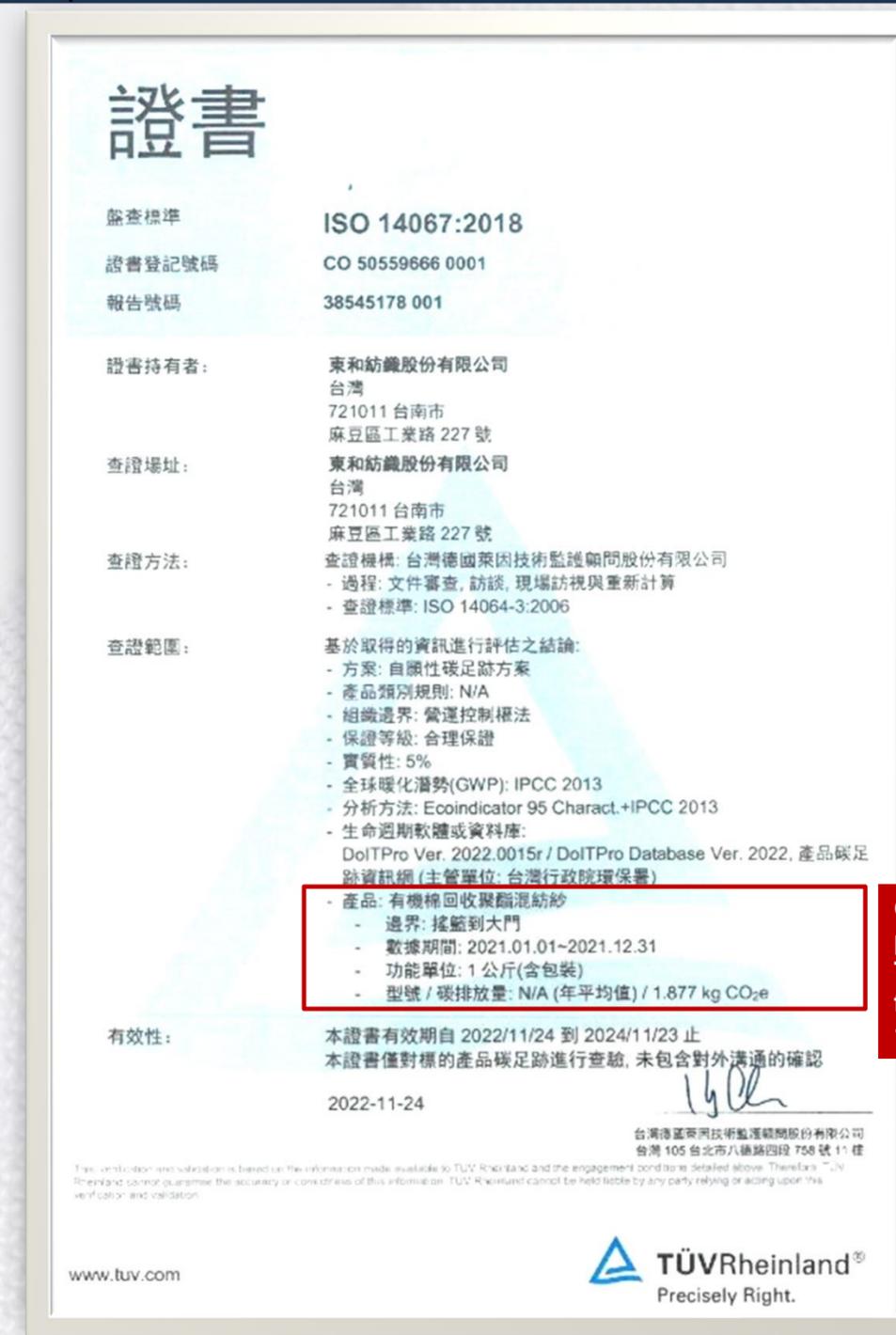
- ✓ ESG Report (First published in 07/2023)
- ✓ ISO 14067 Product Carbon Footprint Certification (November 2022)
- ✓ ISO 14064 Greenhouse Gas Inventory Certification (October 2023)
- ✓ ISO/CNS 45001 Occupational Safety and Health System Certification (01/2021)
- ✓ ISO 9001 Quality Management Certification (Continuous Renewal)
- ✓ International Environmental Certification:
 - GOTS Global Organic Textile Certification
 - Certified to the OCS organic content standard
 - GRS Global Recycling Standard Certified
 - RWS Responsible Wool Standard Certification

According to ISO14064-1:
2018 international standard
Conduct greenhouse gas inventories
And the SGS will verify and issue the statement

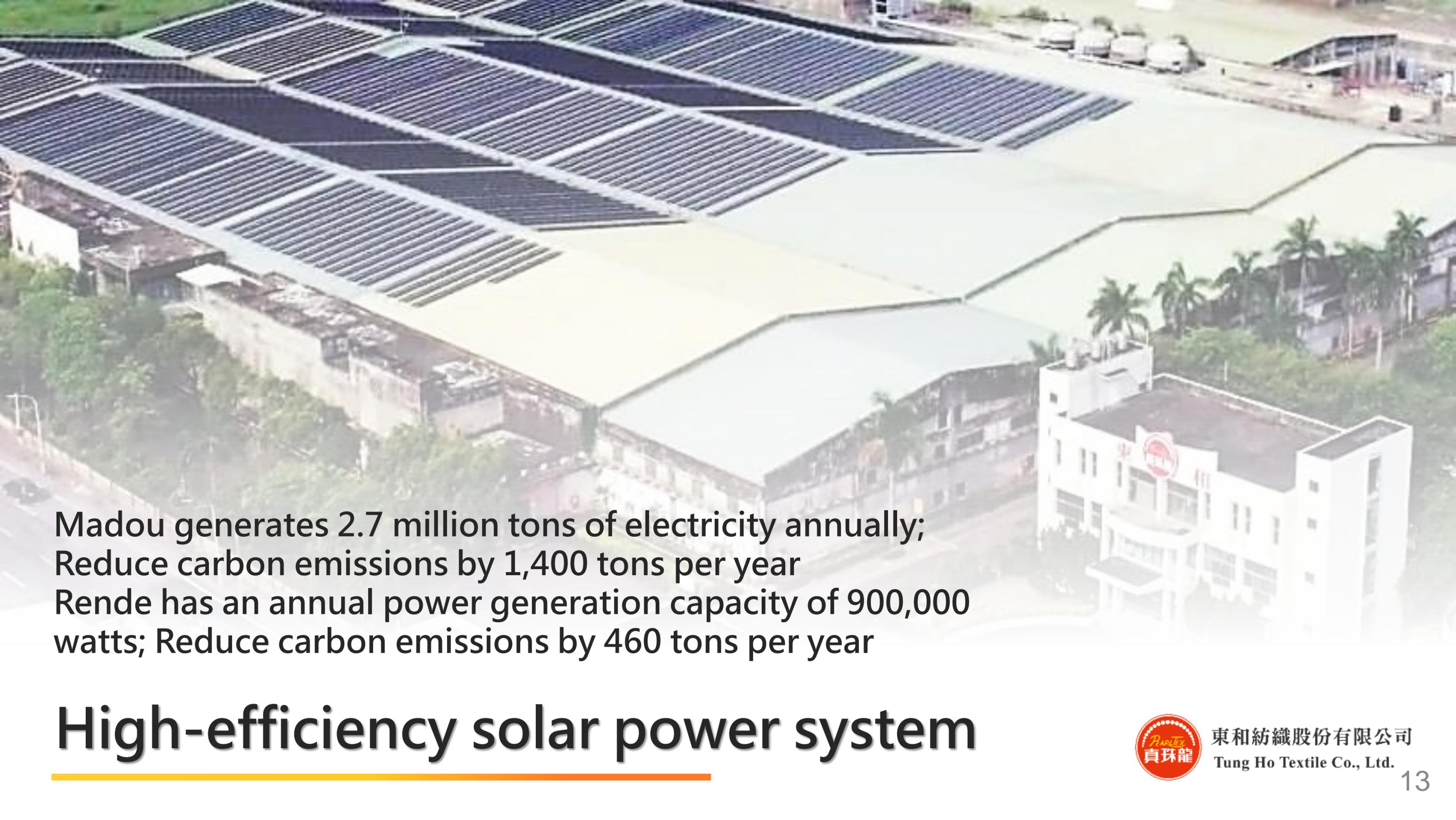


According to ISO14067: 2018 international standards
Conduct inventory and third-party verification

Low-carbon raw materials + process improvement



Organic cotton recycled polyester cotton blend series
The results of the carbon footprint calculation are 1.887 KgCO₂e/kg



Madou generates 2.7 million tons of electricity annually;
Reduce carbon emissions by 1,400 tons per year
Rende has an annual power generation capacity of 900,000
watts; Reduce carbon emissions by 460 tons per year

High-efficiency solar power system



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Energy management system

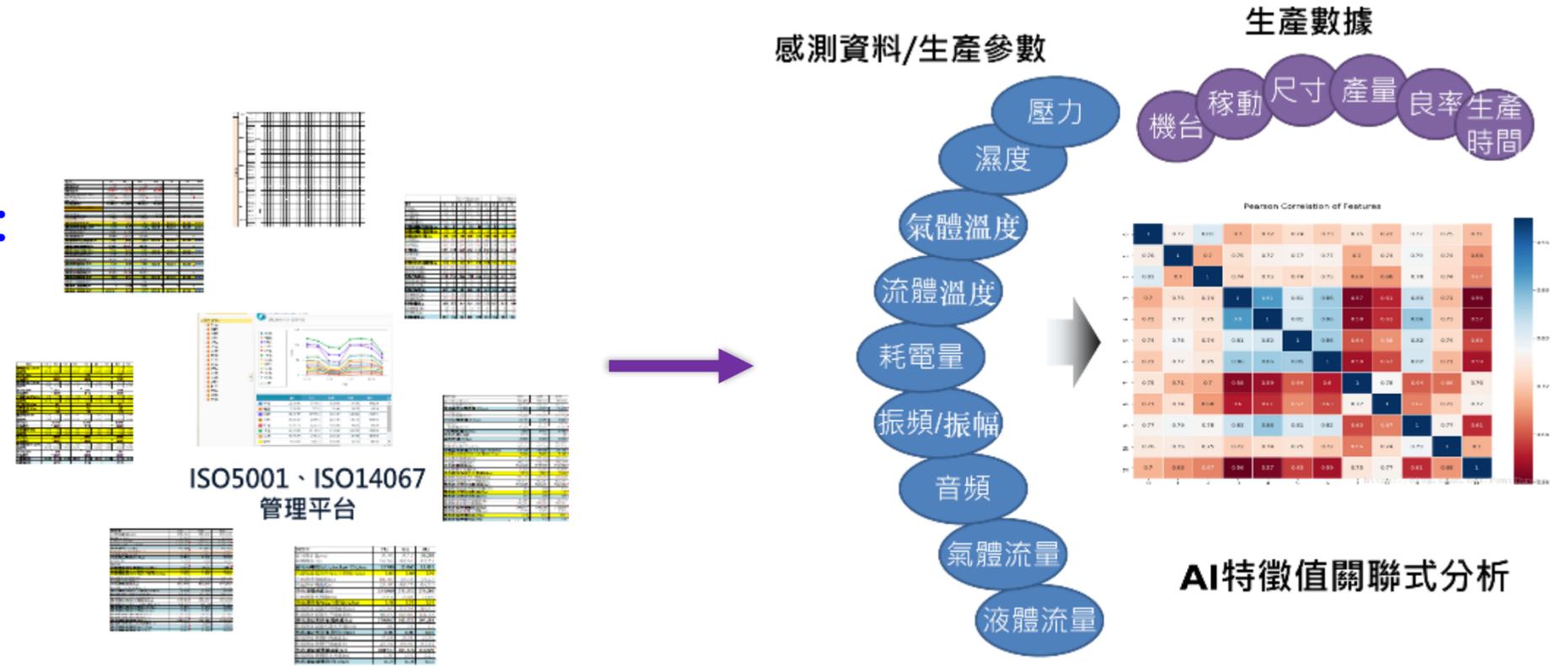


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Introduced in 2022

Through AI eigenvalue correlation analysis:

- ✓ Abnormal production alerts
- ✓ Device anomaly prediction
- ✓ Time series correlation analysis
- ✓ Demand Warning (AI Intelligent Quality Parameter Calculation Mechanism)



找出隱藏在數據中不易發現的關聯性與其影響性
發現潛藏的規則(Rule)與模式(Pattern)

Expanded in 2023

Augmenting Smart Meter Nodes:

"Smart analysis" is more detailed

The "early warning service" is more accurate

- ✓ With the APP mobile management platform, the message will not be missed anytime, anywhere
- ✓ Real-time statistical reflection of production input and output
- ✓ Early warning and warning function setting
- ✓ The state of emergency is issued via Line, SMS, email... and so on

Sustainability

Sustainable development
is our core value



Self-examination + commitment to carbon reduction

Use certified recycled fibers

Annual use of recycled polyester (rPET).

= 18 million PET bottles were recycled

= 1.45 million kg CO₂e reduction per year



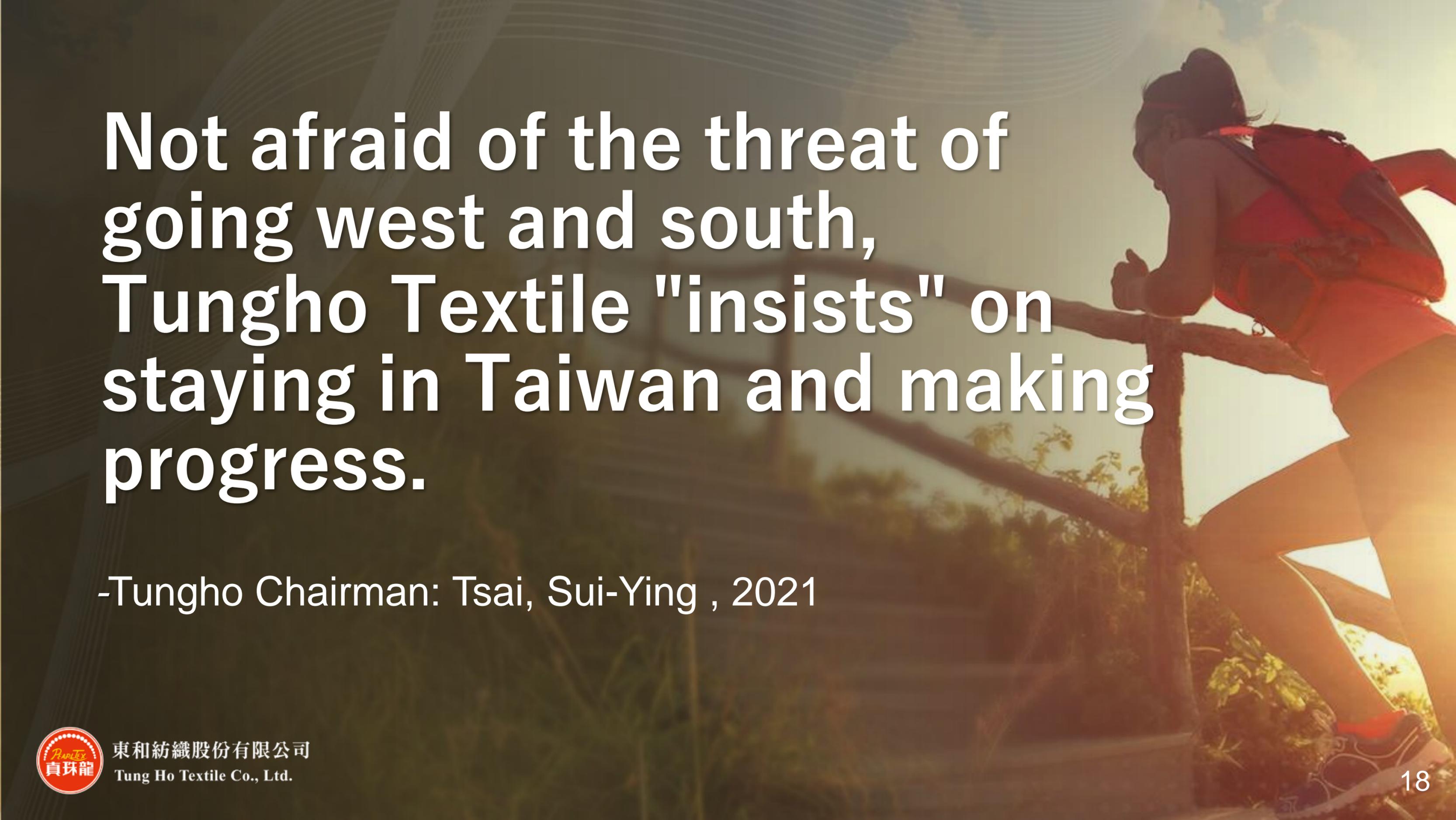


Carbon neutral and zero carbon fiber

True carbon zero

- TENCEL™ Lyocell fibers
- TENCEL™ Modal fibers



A person with a backpack is climbing a tree at sunset. The person is wearing a red top and dark pants. The background is a warm, golden sunset sky with silhouettes of trees and foliage. The overall mood is one of determination and progress.

Not afraid of the threat of going west and south, Tungho Textile "insists" on staying in Taiwan and making progress.

-Tungho Chairman: Tsai, Sui-Ying , 2021



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All-round functional staple fiber textile expert



Instant interaction with official Line friends



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