



冠星集團控股有限公司
TST GROUP HOLDING LTD.

SUSTAINABILITY

ENVIRONMENT MANAGEMENT

REPORT 2023

Prepared by CSR TEAM

2024/02/01

A close-up photograph of industrial machinery, possibly a textile loom, with a large white number '01' overlaid on a blue diamond-shaped frame. The machinery features metal components, gears, and orange safety guards.

01

ABOUT TOP STAR

Decorative background element consisting of several concentric, semi-transparent orange arcs on the right side of the slide.

ABOUT | DEVELOPMENT HISTORY TOP STAR & SUPPLY CHAIN DEPLOYMENT

We have high-quality cooperative factories in China and wholly owned weaving and dyeing integrated factories in Cambodia and Vietnam. We have established a complete and flexible supply chain system, which can provide fast, high-quality, stable supply services according to customer needs.

Timeline	Development history
1995	Hongkong , Top Star Textile Ltd. (HQ)
1995	Guangzhou, Branch Office
2003	Shanghai, Branch Office
2005	Ningbo , Invest Yingxing Textile Ltd.
2006	Shanghai, Chintex Enterprises LTD
2011	Cambodia, Top Sports Textile Ltd.
2019	Vietnam, Top Star Textile Vietnam Company Ltd.
2019	Taiwan, Branch Office
2019	Listed on the Taiwan Stock Exchange
2023	Vietnam, Top Sports Textile Vietnam Co.,Ltd started production





A B O U T
T O P S T A R

G E N E R A L S I T U A T I O N
O F P R O D U C T I O N B A S E S

CAMBODIA


 Svay Rieng

 Founded in 2011

 $\approx 5 \text{ M lbs / M}$

 The first knitting & dyeing integrated factory in Cambodia

CHINA

 Guangdong

 Founded in 2002

 $\approx 4 \text{ M lbs / M}$

 Guangdong 2020
Specialized, New & High-tech SMEs

VIETNAM

 Tay Ninh

 Start-up in Nov 2023

 $\approx 73,000 \text{ m}^2$

 $\approx 4 \text{ M lbs / M}$
(After Phase II)



Top Management Support & Direct

- Sustainable development affairs are supervised by the Group CEO, managed by CSR Deputy General Manager and Corporate Social Responsibility (CSR) Department;

We Evaluate/Advise/Supervise

- Identify, evaluate and manage the impact of the company's operating activities on sustainable development issues, and regularly report the project progress and performance;
- Supervise the sustainable practices of factories, and carry out evaluation and audit.

Transparent & Credible

We attach importance to communication and dialogue, understand stakeholders' concerns, and show the company's efforts in sustainable production to stakeholders

Stakeholder	Focus	Communication
Employees & Families	<ul style="list-style-type: none"> employee-employer relations Occupational health and safety Labor rights and interests Training and Career Development 	Staff communication meetings, employee congress, trade union, complaint box
Shareholders & Investors	<ul style="list-style-type: none"> corporate governance business performance 	The Board of Directors and the Shareholders' Meeting Legal person presentation Public information
Client	<ul style="list-style-type: none"> Product quality & production efficiency Innovative products & technologies Customer communication & complaint management 	Email, phone calls, offline meetings Visit & inspect the factory regularly Exhibition & promotion activities
Supplier	<ul style="list-style-type: none"> Product price, quality, & service Supplier management 	Telephone, email, offline meetings Visit & inspect factories Contract contract
Government	<ul style="list-style-type: none"> Local regulations follow Environmental Management & Assessment Workplace health and Safety 	Telephone, official document, mail traffic Government meetings, government public website Factory visit, supervision and inspection
Community	<ul style="list-style-type: none"> Protect the environment against pollution Support community development 	Energy conservation and emission reduction, charitable donations, and participation in volunteer activities
Media & NGO	<ul style="list-style-type: none"> Governance transparency Environmental protection production 	Participate in trade association meetings Public platform disclosure
Academy	<ul style="list-style-type: none"> Promote industry development Provide employment opportunities 	Industry-university-research, internship, education





A B O U T
T O P S T A R

C L I M A T E - R E L A T E D
F I N A N C I A L R I S K C O N T R O L



Physical Risk

- Climate change and its secondary disasters will cause great damage to factory operation and supply chain circulation.

HOW TST REACT

•



Environment Emergency Management



Coal Phase-out



Roof Top Solar



Sustainable Products



Transformation Risk

- The transformation of the industry will pose great challenges to the factory's compliance, technical level, business environment and corporate image.

HOW TST REACT

•



Identification & Follow-up of Laws



Exploration of Green Energy Market



Energy-saving Equipment



ESG Disclosure



ABOUT | CLIMATE-RELATED TOP STAR | FINANCIAL RISK CONTROL

TYPE	CLIMATE-RELATED RISK	POTENTIAL FINANCIAL IMPACT	CONTROL MEASURES/PLANS
Physical Risk	Acute Risk		
	Extreme weather events (Such as typhoon, flood)	Threaten personal and property safety, supply chain and logistics interruption	Incorporate adaptations into business strategies and plant emergency plans; Diversified origin and material sources
	Chronic Risk		
	Frequent extreme heat temperatures	Energy cost, high temperature subsidy cost increases; personnel production enthusiasm decreases	Promote RTS and other carbon reduction projects; heat prevention and cooling measures in the factory
	Sea level rise	Threaten personal and property safety, supply chain and logistics interruption	Include risk considerations into infrastructure planning and supplier management procedures
	Freshwater salinity rises	The cost of fresh water supply is rising	Increase the construction of recycling water facilities, improve the efficient water-saving process; Sustainable raw materials, such as GOTS, GRS, OCS, RCS, etc
	Persistent and severe drought	Supply costs of raw materials and fresh water are rising	



A B O U T
T O P S T A R

C L I M A T E - R E L A T E D
F I N A N C I A L R I S K C O N T R O L



TYPE	CLIMATE-RELATED RISK	POTENTIAL FINANCIAL IMPACT	CONTROL MEASURES/PLANS
Transformation Risk	Policies & Laws		
	Stricter Policies & Regulation	Compliance costs rise; Risk of stopped production	Following the policy and legal norms, continuous technical update
	Technology		
	Low Carbon Technology	Cost spending increased	Group carbon reduction strategy
	Market House		
	Supply Chain & Logistics Disruptions	Delay in raw material supply and cost logistics	Adopt sustainable raw materials; seek product localization supply chain
	Green Electricity Market	Increase electricity purchase expenses	Seek cooperation with professional green electricity trading institutions; seek other energy markets
	Industry Restructuring	Investment in low-emission production has shifted to on-demand production	Global partnership with customers and institutions, Industry 4.0 and outstanding intelligent manufacturing factory and smart warehouse
	Reputation		
	Customer Requirements for Improvement	Orders fell due to failure to meet customer requirements	Working with customers to promote various sustainability initiatives;
	Investor Attention Increases, and increasingly stringent ESG ratings	The capital supply is affected	Participation of the stakeholders and evaluation of important topics; The Group sustainability Report discloses important ESG information



02

SUSTAINABLE TOP STAR

Sustainable
Products



Climate
Action



Energy
Efficiency



Water
Efficiency



For TST, sustainability is not independent from production, but integrated into all development strategies.



Chemical
Management



Wastewater
Exhaust Gas



Waste
Management

We are committed to improving the following **7 fields**, making them part of our corporate culture & the responsibilities of each employee and department.



SUSTAINABLE
TOP STAR

ENVIRONMENT
ROAD TO 2025

2021

Sustainable
Products

98%

(Recycled PES)
(Recycled Cotton)
(Organic Cotton)
(BCI Yarn)

Climate
Action

-30%

(2025vs2021)

Energy
Efficiency

-18%

(2025vs2021)

Water
Efficiency

-10%

(2025vs2021)

80%

(MRSL Lv.3)

100%

(Compliance)

99%

(Waste Diversion)

Chemical
Management

Wastewater
Exhaust Gas

Waste
Management

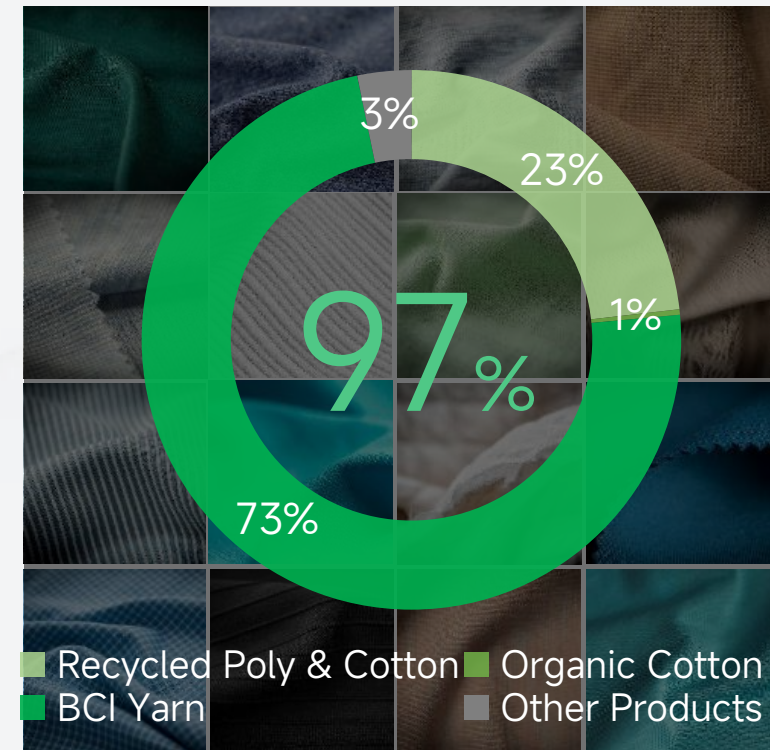
2025



MAKE TEXTILE MAKE GREEN LIFE

- Recycled Polyester
- Recycled Cotton
- Organic Cotton
- BCI Yarn

* We infer our sustainable products composition by analysing our yarn procurement





We promise and have the ability to purchase sustainable raw materials and produce sustainable products;
We establish a responsible and comprehensive management system to actively control the environmental footprint of raw materials and products.

TST Eco-friendly Product/Quality Management Certifications



Global Organic Textile
Standard(GOTS)



OEKO-TEX® Standard 100



Organic Content
Standard(OCS)



Better Cotton Initiative(BCI)



Global Recycled
Standard(GRS)



ISO 9001 Quality Management
System



Recycled Claimed
Standard(RCS)



ISO 14001 Environmental
Management System



U.S. Cotton Trust
Protocol(USCTP)



ISO 14064 Greenhouse Gas
Emission Verification System



SUSTAINABLE TOP STAR

Sustainable
Products

Climate
Action

Energy
Efficiency

Water
Efficiency

Chemical
Management

Wastewater
Exhaust Gas

Waste
Management

ROAD TO SBT

2022.08

2022.11

2022.12

Continuously Conducting

Establishment of
SBTi Work Team

First Time
GHG Inventory

First Time
GHG Verification

Annual GHG
Inventory & Verification

Provide data support for targets setting and
strategy adjustment

Commitment Letter
to SBTi Official

Targets &
Roadmap Setting

Confirmed & Released
by SBTi official

Annual GHG Data &
Progress Disclosure

2022.11

2023.08

2024.03

Continuously Conducting

TST Science-Based Targets

SCOPE 1 + 2

Absolute CO₂e **-42%**
(2030 vs **2021** Baseline year)

SCOPE 3

By 2028, at least **80%**
of TST suppliers by spend
covering purchased goods
& services, will have SBTs.



SUSTAINABLE TOP STAR

Sustainable
Products

Climate
Action

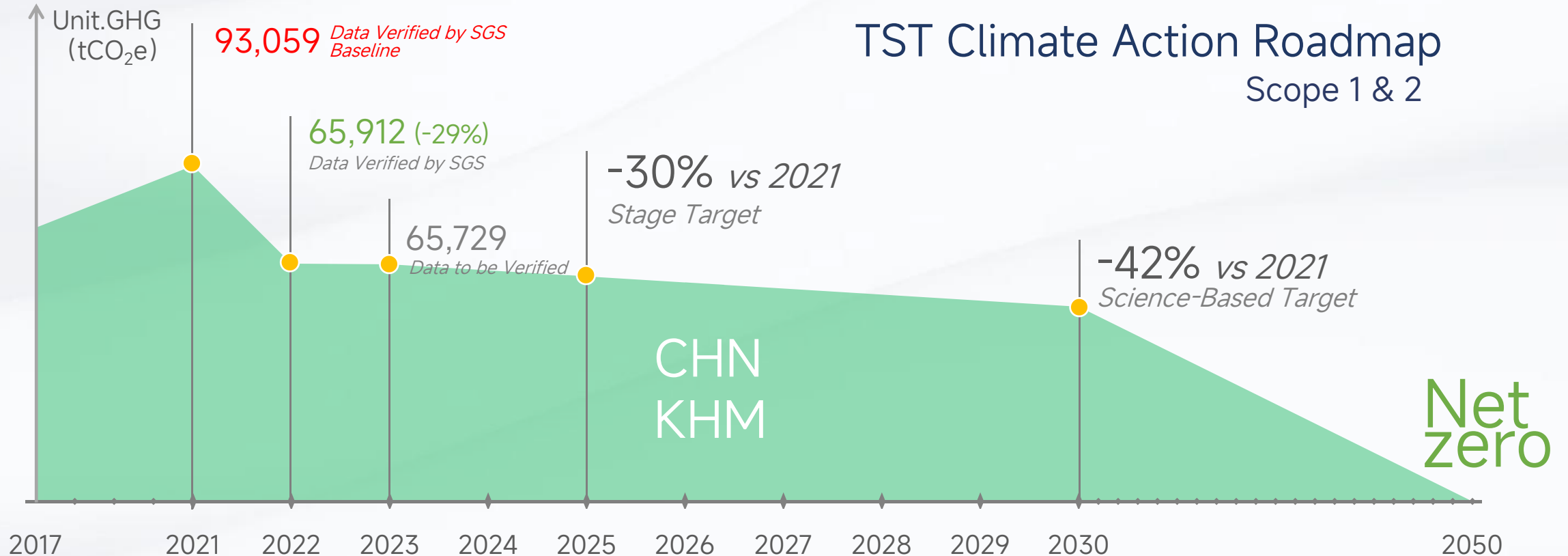
Energy
Efficiency

Water
Efficiency

Chemical
Management

Wastewater
Exhaust Gas

Waste
Management



Officially launch
SBTi project



100% Achieve
Coal Phase-out



Achieve Maximum RTS
Installation Capacity



SUSTAINABLE TOP STAR

Sustainable
Products

Climate
Action

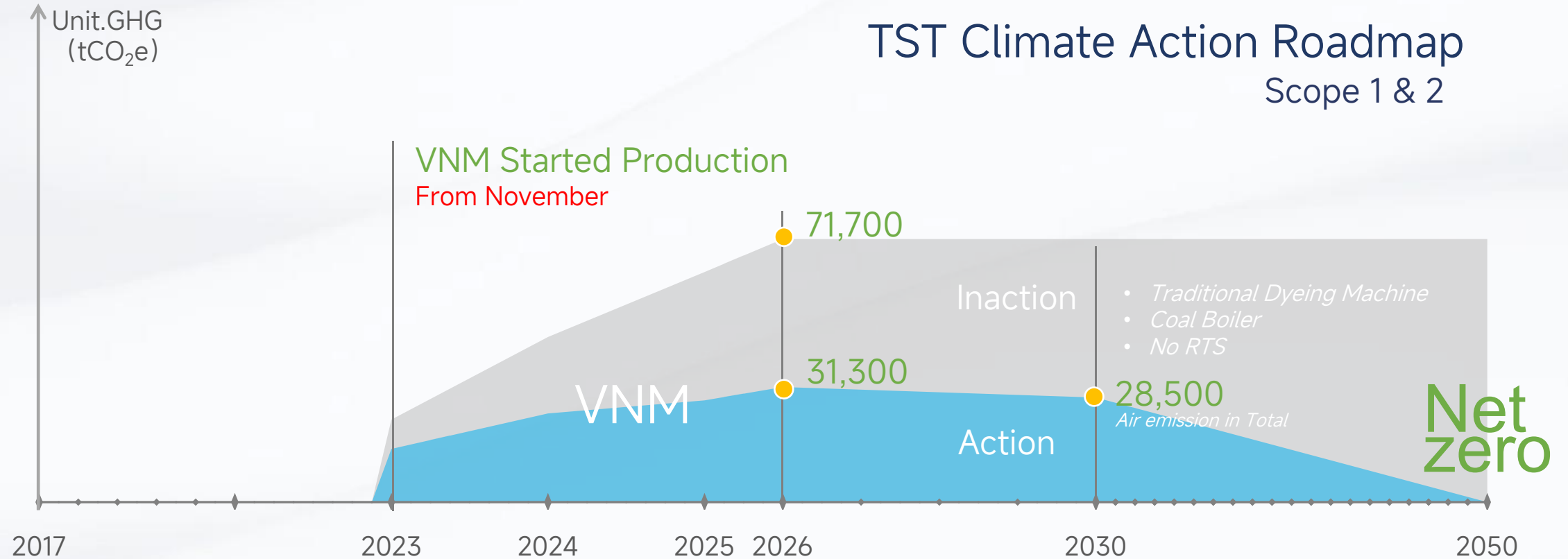
Energy
Efficiency

Water
Efficiency

Chemical
Management

Wastewater
Exhaust Gas

Waste
Management



Officially launch
SBTi project



100% Adopt Biomass Boiler
at the Beginning



RTS Synchronous Installation
with the Facility



SUSTAINABLE TOP STAR

Sustainable
Products

Climate
Action

Energy
Efficiency

Water
Efficiency

Chemical
Management

Wastewater
Exhaust Gas

Waste
Management



Supply Chain Low Carbon Production Initiative

Ver. 1, 2023

TOP STAR TEXTILE LTD. Supply Chain Low Carbon Production Initiative

To all partners:

Climate Change, is a vital environmental subject for global concern. In 1997, the Kyoto Protocol was signed by 37 industrialized nations and the European Union, in which they agreed to set emission targets. In 2015, the Paris Agreement, more clearly stated that the rise in global average temperature should be limited to well below 2 °C above pre-industrial levels, and efforts should be made to achieve the advanced goal of 1.5 °C, aiming to achieve net zero emissions in the second half of this century. These documents have had an unavoidable impact on national governance, social atmosphere, industry development, and enterprise production.

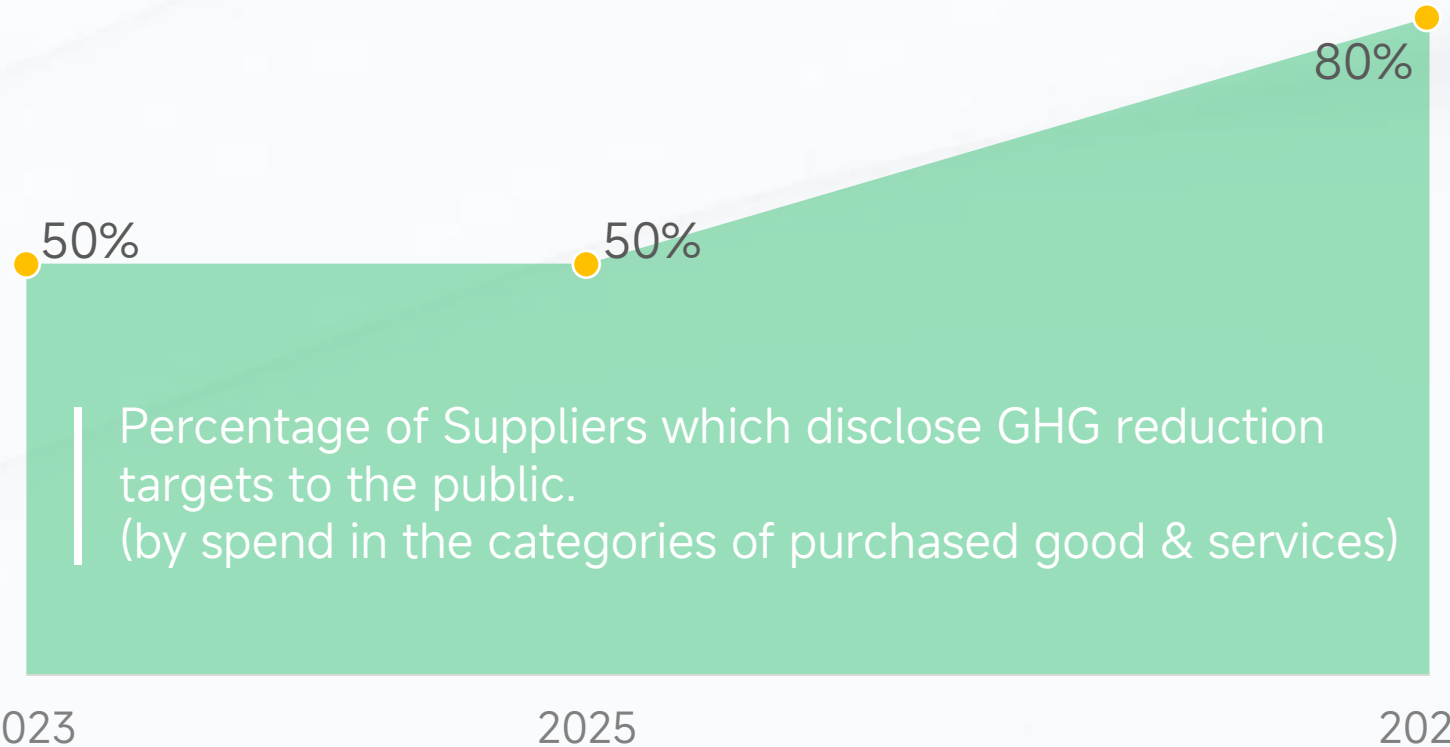
According to statistics*, our fashion industry accounts for 8% of the global Greenhouse Gas (GHG) emissions annually. In the process of clothing production, the average GHG emissions from the three main activities of yarn production, processing, dyeing and finishing account for 28%, 12%, and 36%, respectively. Consequently the fashion industry is one of the key industries affecting climate change as well as receiving much attention.

While releasing a large amount of greenhouse gases into the atmosphere, our industry is also deeply experiencing the risk and challenge brought by climate change, such as increased raw material planting costs, increased energy costs, and supply chain disruptions caused by disasters. The damaged environment is also interrogating us in an unbearable way.

Leaders of the fashion industry have already clearly recognized the significance of sustainable development. Major clothing brands have joined the UN Fashion Charter for Climate Action as part of solutions, promising to reduce GHG emissions in their supply chains. For suppliers and manufacturers, this is an unmissable moment to work with brands

*SOURCE: Quantis, Measuring Fashion, Environmental Impact of the Global Apparel and Footwear Industries Study(2018)

TST Climate Action Roadmap Scope 3



Supply Chain Low Carbon
Production Initiative

2023

2025

2028



SUSTAINABLE TOP STAR

Sustainable
Products

Climate
Action

Energy
Efficiency

Water
Efficiency

Chemical
Management

Wastewater
Exhaust Gas

Waste
Management

KHM

Due to uncertain factors in the local RTS policy, the project is suspended

CHN

Construction has started and is expected to be put into operation within 2024

VNM

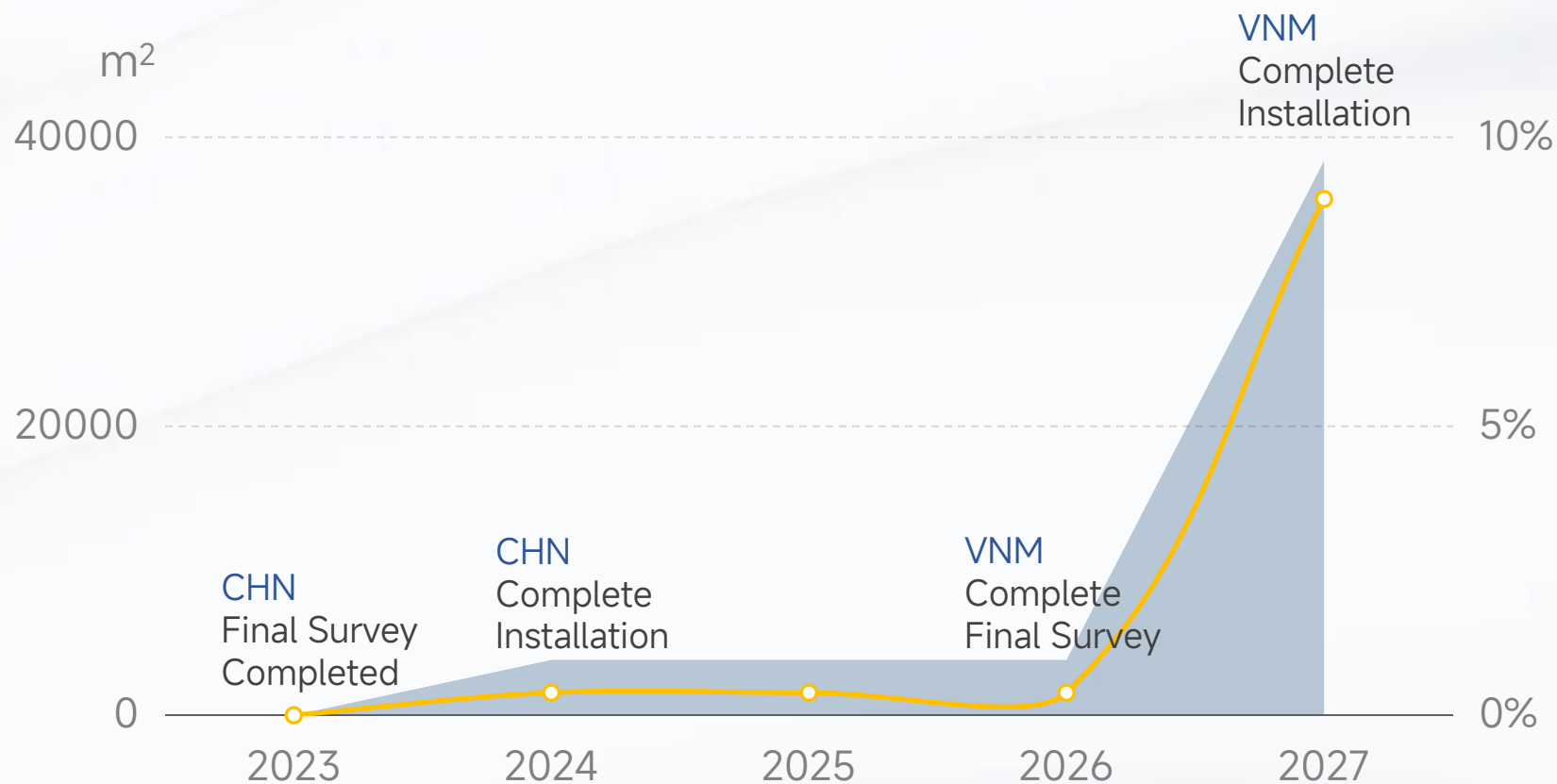
Installation will begin after the completion of Phase II



Roof Top
Solar System

Installation Area

TST Total Solar Power %





SUSTAINABLE TOP STAR

Sustainable
Products

Climate
Action

Energy
Efficiency

Water
Efficiency

Chemical
Management

Wastewater
Exhaust Gas

Waste
Management

KHM

I-REC Purchased 2023

2,700 MWH

Covering 9.2% of total
electricity consumption

CHN

I-REC Purchased 2023

2,800 MWH

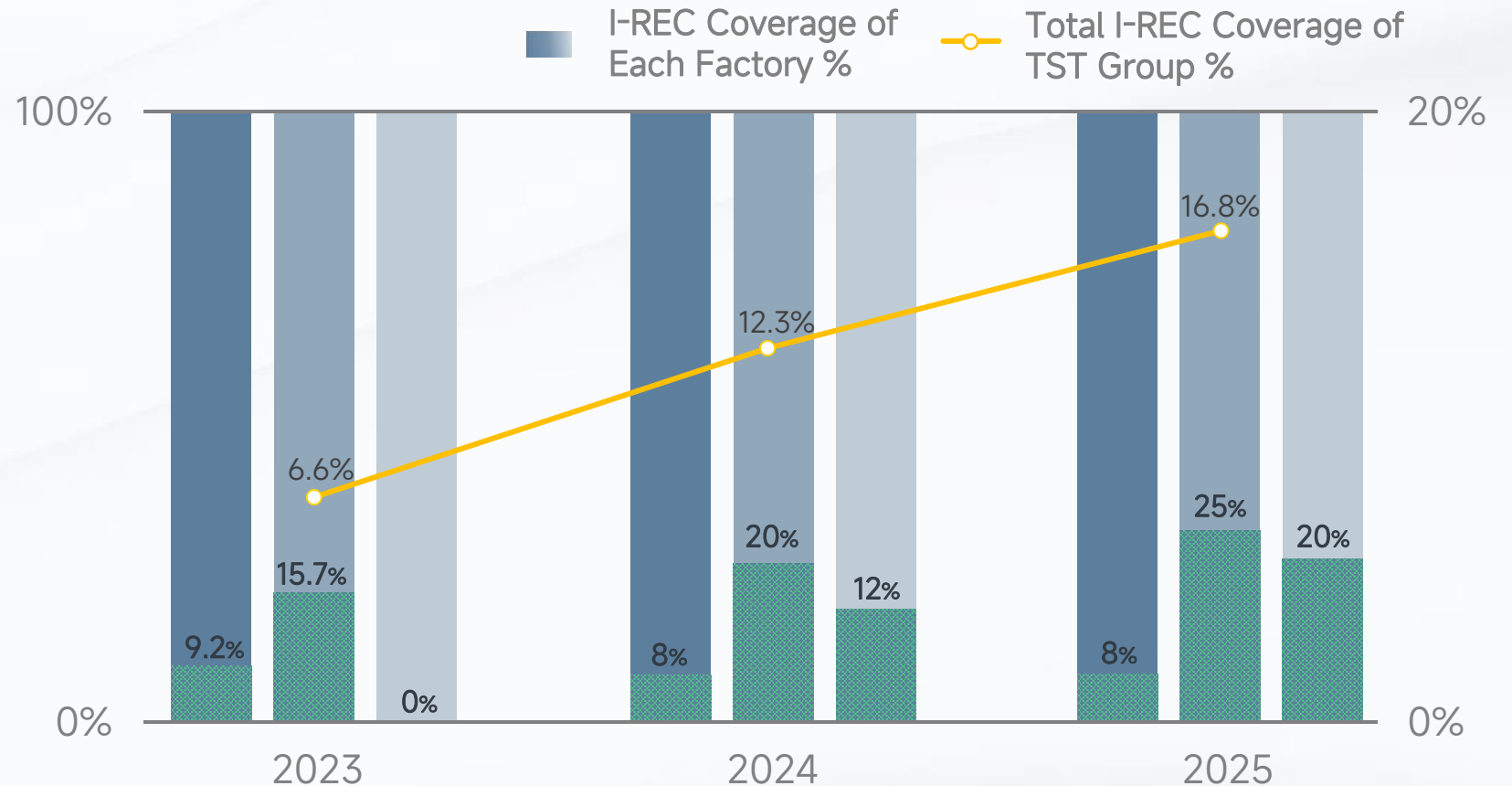
Covering 15.7% of total
electricity consumption

VNM

Starting from 2024, we
plan to purchase I-REC
or Green Electricity
based on actual
production conditions



I - R E C





SUSTAINABLE TOP STAR

Sustainable
Products

Climate
Action

Energy
Efficiency

Water
Efficiency

Chemical
Management

Wastewater
Exhaust Gas

Waste
Management

KHM

Gradually invest in
replacing and reforming
biomass boilers

CHN

Purchase steam
No coal use

VNM

Incorporated into the
construction plan and
100% Biomass boiler



Coal
Phase-out





**SUSTAINABLE
TOP STAR**

Sustainable
Products

Climate
Action

Energy
Efficiency

Water
Efficiency

Chemical
Management

Wastewater
Exhaust Gas

Waste
Management



High Efficiency Air Compressor

-45% VS Conventional
Energy Saving Air Compressor

- Permanent magnet variable frequency fan;
- Patented motor cooling structure design;
- Expanded and customized oil and gas separation systems;
- Centrifugal fan with relatively low noise.



**SUSTAINABLE
TOP STAR**

Sustainable
Products

Climate
Action

Energy
Efficiency

Water
Efficiency

Chemical
Management

Wastewater
Exhaust Gas

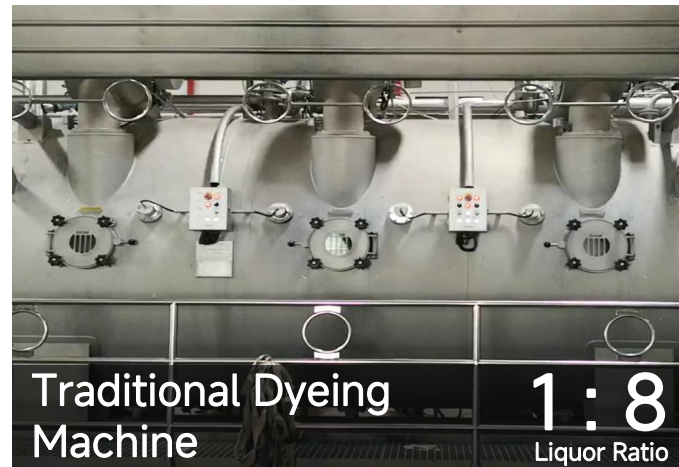
Waste
Management


Conventional Dyeing Process



All in ONE

- Low mechanical efficiency
- High consumption of energy/water/chemicals



 **123L/kg**
Water Consumption



SUSTAINABLE
TOP STAR

Sustainable
Products

Climate
Action

Energy
Efficiency

Water
Efficiency

Chemical
Management

Wastewater
Exhaust Gas

Waste
Management

TST Low Carbon Coloration Technology – Separate Processes



CHN
Mode I



-70%
Water Consumption



-60%
CO₂ Footprint

Continuous
Pre-treatment



Continuous
Pre-treatment Machine



Low LR Dyeing



Multi-flow
Dyeing Machine
1 : 4
Liquor Ratio



Continuous
After-treatment



Flat Pad Continuous
After-treatment Machine



**SUSTAINABLE
TOP STAR**

Sustainable
Products

Climate
Action

Energy
Efficiency

Water
Efficiency

Chemical
Management

Wastewater
Exhaust Gas

Waste
Management

TST Low Carbon Coloration Technology – Separate Processes



CHN
Mode II



-75%
Water Consumption



-55%
CO₂ Footprint



-90%
Chemical Consumption

Continuous
Pre-treatment



Continuous
Pre-treatment Machine



CPB Dyeing



Cold Pad Batch
Dyeing Machine

1 : 1
Liquor Ratio



Continuous
After-treatment



Flat Pad Continuous
After-treatment Machine



SUSTAINABLE
TOP STAR

Sustainable
Products

Climate
Action

Energy
Efficiency

Water
Efficiency

Chemical
Management


Wastewater
Exhaust Gas

Waste
Management

TST Low Carbon Coloration Technology – Separate Processes



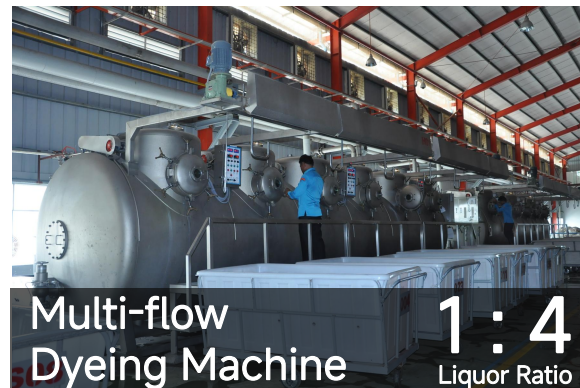
 -40%
Water Consumption

 -45%
CO₂ Footprint

CPB
Pre-treatment



Low LR Dyeing



Continuous
After-treatment





SUSTAINABLE TOP STAR

Sustainable
Products

Climate
Action

Energy
Efficiency

Water
Efficiency

Chemical
Management

Wastewater
Exhaust Gas

Waste
Management

Conventional Dyeing Process

Pre-treatment + Dyeing (1:8) + After-treatment

123 L/kg

TST Low Carbon Coloration Technology – Separate Processes

Estimated Savings

CHN

Continuous
Pre-treatment

Dyeing
(1:4)

Continuous
After-treatment

-70%
Water
Consumption

-60%
CO₂ Footprint

CHN

Continuous
Pre-treatment

Dyeing
(CPB1:1)

Continuous
After-treatment

-75%
Water
Consumption

-55%
CO₂ Footprint

-90%
Chemical
Consumption

Step 1

Step 2

Step 3

KHM

Pre-treatment
(CPB)

Dyeing
(1:4)

Continuous
After-treatment

-40%
Water
Consumption

-45%
CO₂ Footprint



**SUSTAINABLE
TOP STAR**

Sustainable
Products

Climate
Action

Energy
Efficiency

Water
Efficiency

Chemical
Management

Wastewater
Exhaust Gas

Waste
Management



High Efficiency Setting Machine

-20% vs Conventional
Energy Saving Setting Machine

- Equipped with 10 ovens;
- Energy-saving electrical motors;
- Patented Sprinkler Hot Air Circulation System;
- Independently controlled motor/fan.



**SUSTAINABLE
TOP STAR**

Sustainable
Products

Climate
Action

Energy
Efficiency

Water
Efficiency

Chemical
Management

Wastewater
Exhaust Gas

Waste
Management



Setting Machine Waste Heat Recovery

-10%
Energy Saving

-40%
Organic waste
gas emissions

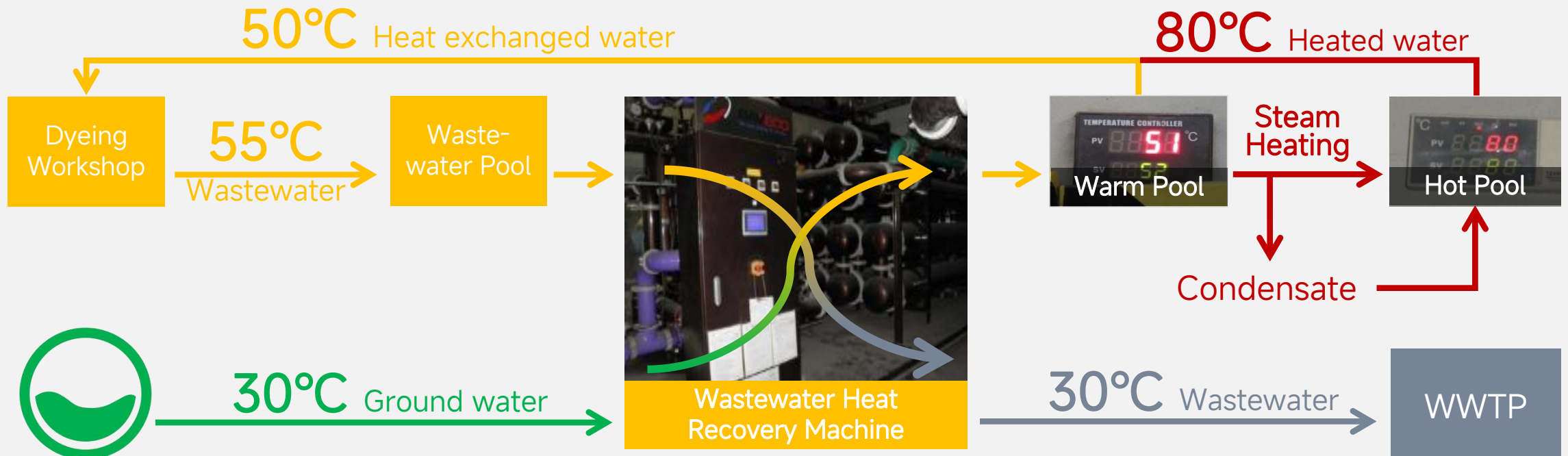
- Ensure emissions meet standards;
- Cool the exhaust gas;
- Reduce the radiation of exhaust gas on workshop air and temperature, and improve the working environment.



Wastewater Heat Recovery

- Heat exchange between the waste heat of the dyeing wastewater and the cold fresh surface water to be supplied to the dyeing mill.
- Heating time of the cold water and Energy consumption can be saved.

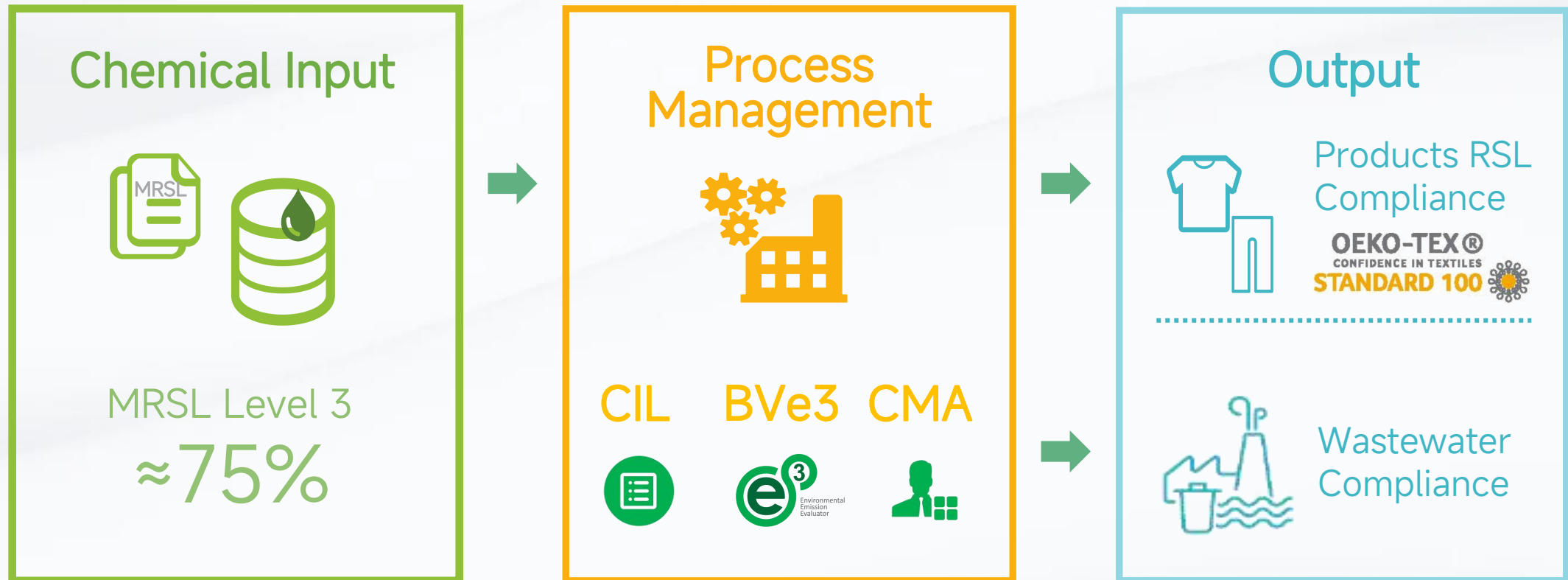
-10% 
Steam Consumption





Integrated Management

We systematically control chemicals from the input, process management & output to mitigate the environmental impact of chemicals throughout the process.





SUSTAINABLE
TOP STAR

Sustainable
Products

Climate
Action

Energy
Efficiency

Water
Efficiency

Chemical
Management

Wastewater
Exhaust Gas

Waste
Management

Compliance & Disclosure

We fully adopt the ZDHC platform, Wastewater Guidelines, and join the Supplier to Zero project. We publicly disclose relevant information on IPE DETOX and ZDHC Gateway.



ADIDAS ZDHC VERIFIED INCHECK LEVEL 1 CHECKLIST

Facility Name: TOP SPORTS TEXTILE LTD

FFC ID: 69864

Facility Address: Manhattan SEZ (Svay Rieng), Banteay Chmar, Svay Rieng Province, Cambodia

Verification Process: ZDHC Verified InCheck Level 1 - Type 2

Date of Verification: (Month DD, YYYY) October 27, 2023

Time of arrival: 12:00 Time of departure: 16:00

Facility Responsible Person Name: Chan Fai

No. of Chemicals verified: 30

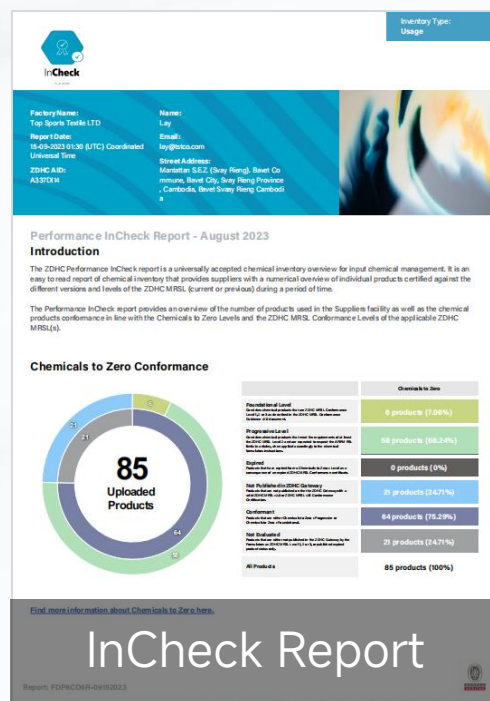
Month(s) of CIL verified: (Month) May, June, July

Notes:

- ✓ Chemical Product or Related Document Found in Plant
- X Chemical Product or Related Document Not Found in Plant

Adidas Verified InCheck Level 1 - Type 2 Page 1 of 8

CIL Audit Report



Supplier to Zero

Acknowledgement of Completion

Based on supplier self-evaluation, this document acknowledges

Top Sports Textile LTD

has successfully completed Supplier to Zero (Level 1) on 13.10.2023*

4314-2302-7E9 Document Control Number

Frank Michel Supplier to Zero

Powered by IMPLEMENTATION HUB

*Acknowledgement valid for 1 year of the date of issuance

欢迎来到蔚蓝地图

“工厂” 工厂管理

“工厂” 工厂管理

IPE DETOX

ZDHC Gateway

Page 1 of 27

Test Report: (1123)034-0016

Report Date: September 1, 2023

Factory Company Name: TOP SPORTS TEXTILE LTD

Factory Address: Manhattan SEZ (Svay Rieng), Banteay Chmar, Svay Rieng Province, Cambodia

Sampling Method & Description:

Sampling Method & Description	Composite	Blue liquid
0001 Unfinished wastewater	Composite	Blue liquid
0002 Effluent	Composite	Light brown liquid
0003 Sludge	Composite	Grey
0004 Leachate	Composite	Not tested
0005 Incoming water	On-site	Colorless liquid

Discharge Type: Direct Discharge

On-site ETP / Pre-treatment: Yes

Discharge Destination: Direct discharge to Tonle Sap canal

Permit Validation Date: 08/10/2023

Operational, Active & Heavy Metals Overall Category: Foundational

ZDHC MRSL Parameters: Not detected

Sludge Parameters: Meet ZDHC Threshold Value

Sample Pick Up Date: August 22, 2023

Sample Number: C74010087955

Test Period: August 23, 2023 to September 01, 2023

Parameters exceeded maximum holding time: Not exceeded

Remarks:

The results of this report shall not be used for any regulatory compliance purposes.

Type of Process: Textile

Sludge Disposal Pathway: Mechanical dewatered sludge cake

Average total industrial wastewater generated: Equal or more than 1000kg/day

General enquiry and tracking: info@topsports.com

Report reviewed by: info@topsports.com

Signature: info@topsports.com

Wastewater Test Report



SUSTAINABLE TOP STAR

Sustainable
Products

Climate
Action

Energy
Efficiency

Water
Efficiency

Chemical
Management

Wastewater
Exhaust Gas

Waste
Management

Wastewater

- Build wastewater treatment plant
- Conduct wastewater test as per regulations and ZDHC Guidelines



Waste

- Build classification & storage facilities
- Third-party units recycling



Exhaust Gas

- Invest gas cleaning Machines
- Conduct air emission test as per regulations





SUSTAINABLE TOP STAR

Sustainable
Products

Climate
Action

Energy
Efficiency

Water
Efficiency

Chemical
Management

Wastewater
Exhaust Gas

Waste
Management

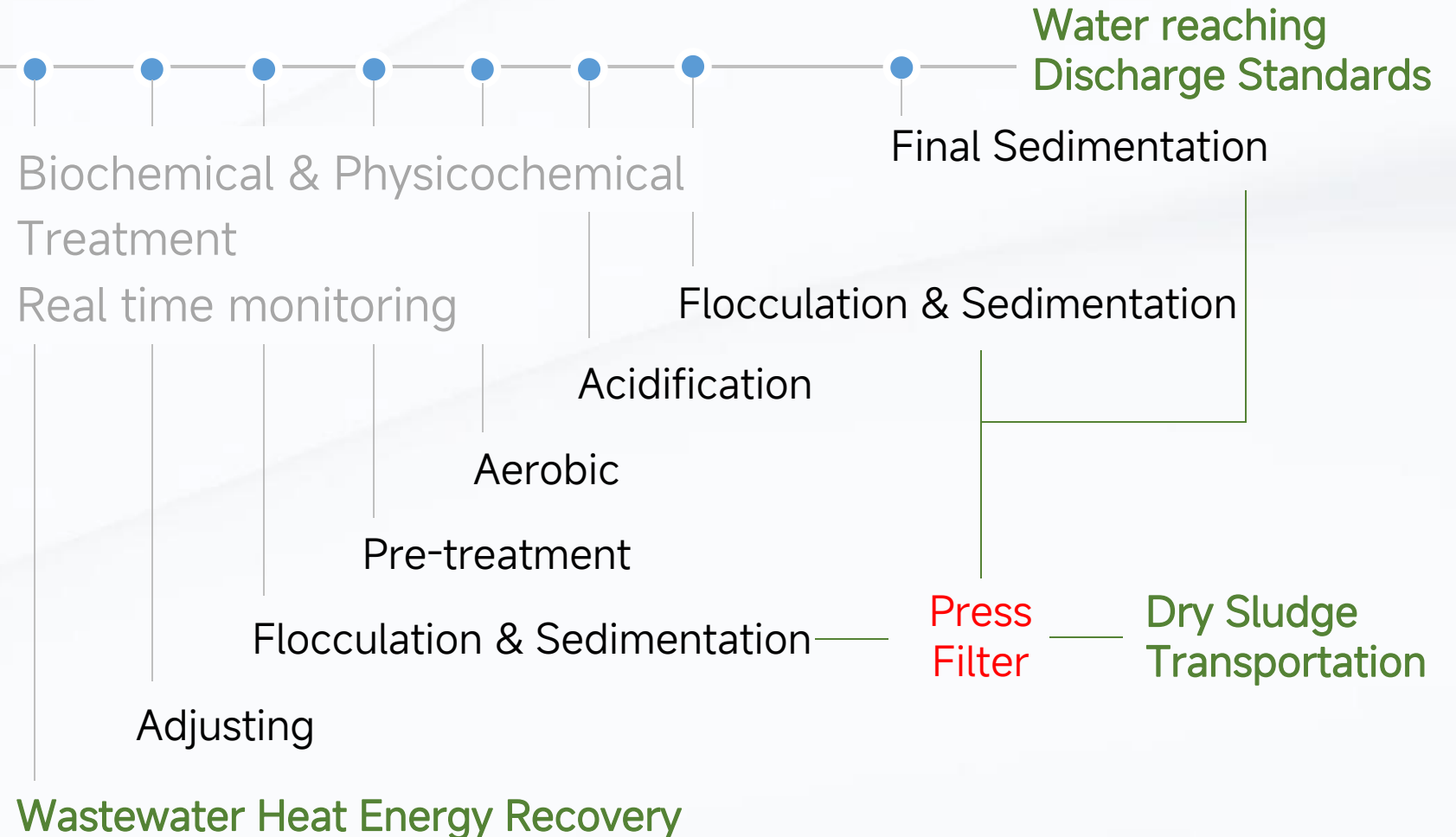
Wastewater



Treatment Facilities



Real Time Monitoring





SUSTAINABLE TOP STAR

Sustainable
Products

Climate
Action

Energy
Efficiency

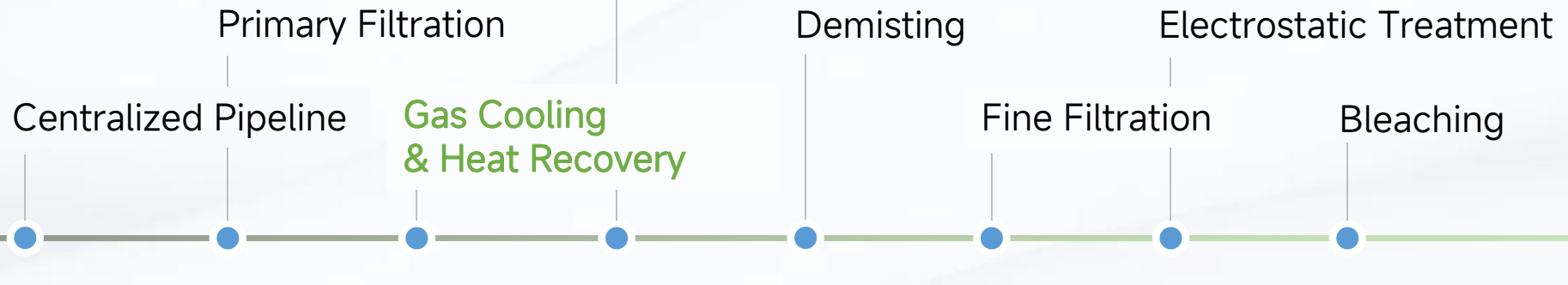
Water
Efficiency

Chemical
Management

Wastewater
Exhaust Gas

Waste
Management

Water Spraying

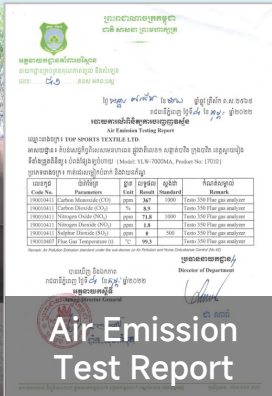


KHM

- Air emissions are tested every 1 years as per regulations

CHN

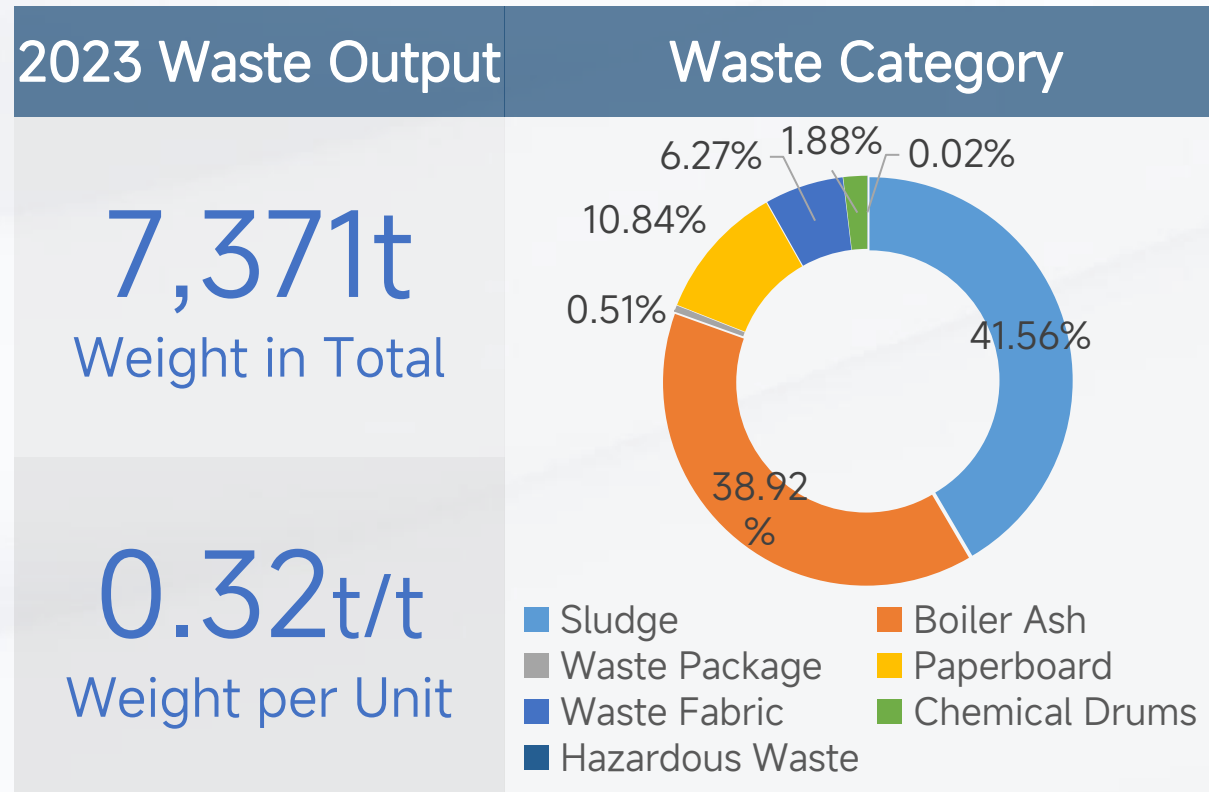
- Different objects are tested once a quarter ~ once a year as per regulations





Classify & Store

We adhere to the principle of "Reducing, Recycling & Detoxifying", we reduce waste from the source, classify and store waste according to its characteristics.





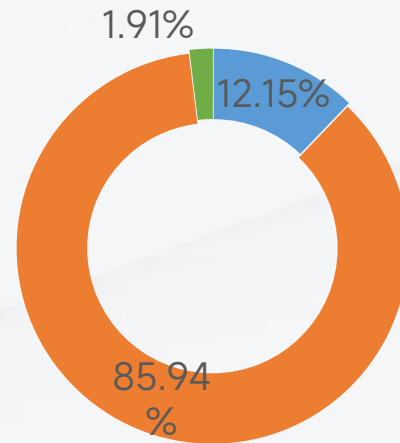
Recycle & Reuse

We actively promote the concept of circular economy as well as the comprehensive utilization of solid wastes, achieve agreements with various third-party waste recycling units. And we will continue to track the disposal method and the ultimate destination of waste conversion.

Diversion Rate

98.79%
'Zero Landfill'
Rate

Diversion Category



- Waste to Energy
- Waste Recycling
- Chemical Drums Refilling



Sludge to Energy



Sludge to Bricks



Boiler Ash to Bricks



Chemical Drums
Refilling



Waste Fabric Mop



SUSTAINABLE
TOP STAR

5 - YEAR PLAN
PERFORMANCE

2023 vs 2021

97%

(2023)

-29.17%

(2022 (verified) vs2021)

65,912 tCO₂e

Scope 1+2

+36.10%

(2023vs2021)

42 MJ/kg

+6.33%

(2023vs2021)

79 L/kg

- Adopt the BVe3 & ZDHC platform to Continuously improve MRSL as well as other chemical management compliance

- Strictly follow the legal requirements and take advance actions

- Low carbon dyeing process
- Intelligent packaging
- Improve RFT
- Qualified third party co. recycling

Sustainable
Products

Climate
Action

Energy
Efficiency

Water
Efficiency

Chemical
Management

Wastewater
Exhaust Gas

Waste
Management

- Seek cooperation with more sustainable raw material suppliers to produce more sustainable products

- RTS Project in progress
- Gradually replace coal boilers with biomass boilers
- Commit to join SBTi
- Purchasing I-REC

- High efficiency air compressor
- CPB Dyeing
- Low Liquor Ratio Vat
- Continuous Pre/After-treatment
- High efficiency setting machine
- Setting machine waste heat recovery
- Wastewater heat recovery

- CPB Dyeing
- Low Liquor Ratio Vat
- Continuous Pre-treatment/After-treatment

74.90%

MRSL Level.3
(2023)

72.62% in 2021

100%

Compliance
(2023)

100% in 2021

98.79%

Waste Diversion
(2023)

92.81% in 2021



SUSTAINABLE
TOP STAR

ENVIRONMENT
PERFORMANCE



Site info.
& Permit



EMS



Energy



Chemicals



Water



Air
Emissions



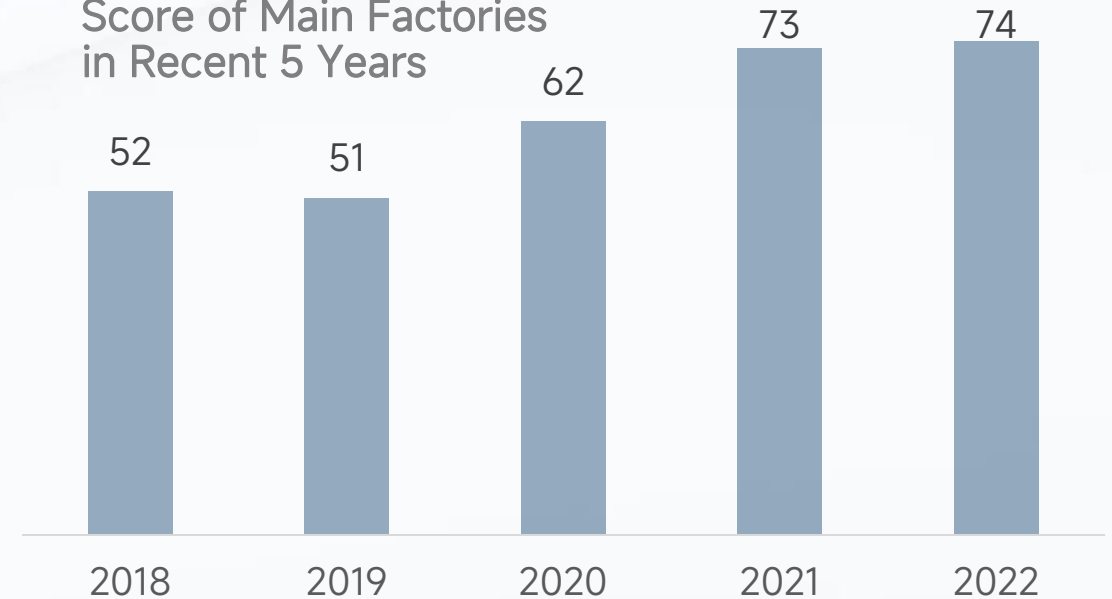
Waste



Wastewater



Average Higg FEM Verification
Score of Main Factories
in Recent 5 Years





SUSTAINABLE
TOP STAR

A W A R D S
& H O N O R S

1997-2023



6 prizes

Top Of The
League

4 prizes

Best Fabric
Supplier
of R&D

3 prizes

KPI Champion
of suppliers

2 prizes

Performance
Award

4 prizes

ME/Leadership
Sustainability
Award

1 prize

Best Global
Supplier

1 prize

Performance
Award
(People)

2 prizes

Quality
Award

1 prize

Agility
Award



CONTACT US

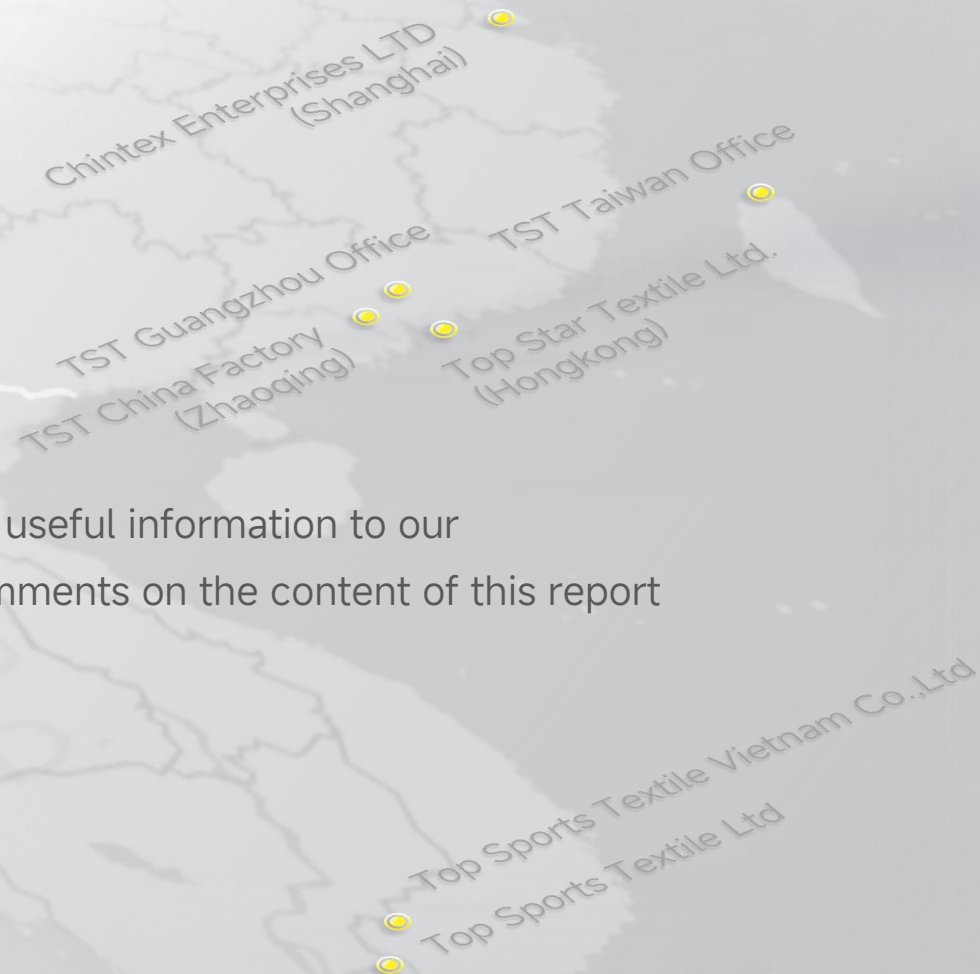
Ella Wu ella@tstco.com

ENVIRONMENTAL MANAGEMENT MANAGER

TOP STAR TEXTILE LTD. (GUANGZHOU OFFICE)

We sincerely hope that this ***Sustainability Report*** can provide useful information to our stakeholders. We are also looking forward to your valuable comments on the content of this report and our sustainability work.

Should you have any questions or suggestions, please feel free to contact us, thank you.





織 識 本 位

M A K E T E X T I L E

織 造 美 好 生 活

M A K E G R E E N L I F E