



Fujian Cyclone Technology Co., Ltd.
ADD: Fengting Industrial Zone, Xianyou County, Putian City, Fujian Province
TEL: +86-594-6760089
Email: sales@cycloneyarn.com
HTTP: www.cycloneyarn.com

Fujian Cyclone Technology Co., Ltd.

**CLEAN EARTH
CREATE A
BETTER WORLD**



CONTENTS

Company Profile	P01
Company Culture	P03
Company Honor	P05

Mechanical Recycling Process	P07
Close Loop Recycling Process	P09
Quality Guarantee	P11
Product Traceability	P12
Regenerative Cycle Flowchart	P13

Application Fields	P15
Product Classification	P17
Global Market Layout	P25

Performer of Sustainability	P27
-----------------------------------	-----



COMPANY PROFILE

Fujian Cyclone Technology Co., Ltd. is located in Xianyou Economic Development Zone, Putian City, Fujian Province. The project will be constructed in three phases with a total investment of 8.6 billion CNY, which will achieve an annual output of 300,000 tons of green fiber after completion.

Cyclone Technology is committed to build a green and circular economy. We aim to produce high quality green fibers through recycling technology with waste bottles and waste textiles as raw materials and construct a closed-loop recycling industry chain. The products meet the international demand for green products and have excellent performance, which are widely used in footwear and apparel and various textiles. The company expands the green low-carbon industrial chain and promotes the formation of recycling industry and new textile materials industry cluster.

COMPANY CULTURE



Mission

Clean earth
turn waste into treasure.

Vision

To be the Global Technology Leader in Functional
Recycling Fibers.

Position

Functional Recycling Fiber Technology Solution Supplier.

Value

Innovation,Service,Sustainability,Value.

Adhere to the Green Concept, Build A Responsible Enterprise
(From the Perspective of Society).

Focus on International Cooperation, Build A Good Business
Reputation (From the Perspective of Customer).

Provide High-quality Green Products, Serve International
First Class Brands (From the Perspective of the Company).

COMPANY HONOR

- National Hi-Tech Enterprise
- National Green Factory
- Textile Industry Key Laboratory of Fiber Recycling
- Textile Industry Specialized and Sophisticated SMEs
- Fujian Province Industry-leading Enterprise
- Top 100 Strategic Emerging Industries in 2022
- Fujian Province Green Factory
- Fujian Province Science & Technology “Little Giant” Firm
- Fujian Province Technology Center Enterprise
- Fujian Textile Shoes & Clothing White List Enterprises
- Key Research & Industrialization Projects of Technological Innovation in Fujian Province in 2023
- Key Construction Projects of Excellence in Fujian Province in 2019-2021
- Fujian Province Carbon Neutrality Society Member Unit



33 Patent certificates

57 patents have been applied,
and 33 patents have been authorized.





CYCLONE B2T

Mechanical Recycling Process



Physical recycling refers to the recycling method of melt spinning directly by using waste polyester materials as raw materials after sorting, cleaning, grinding, drying, pelletizing and other processes.



CYCLONE RESURGE T2T

Close Loop Recycling Process



Chemical recycling is the recycling process which by depolymerizing the polyester polymer contained in the waste textiles, making them into monomers or polymerization intermediates, after purification, centrifugal separation and other steps, then follow with repolymerization and melt spinning.

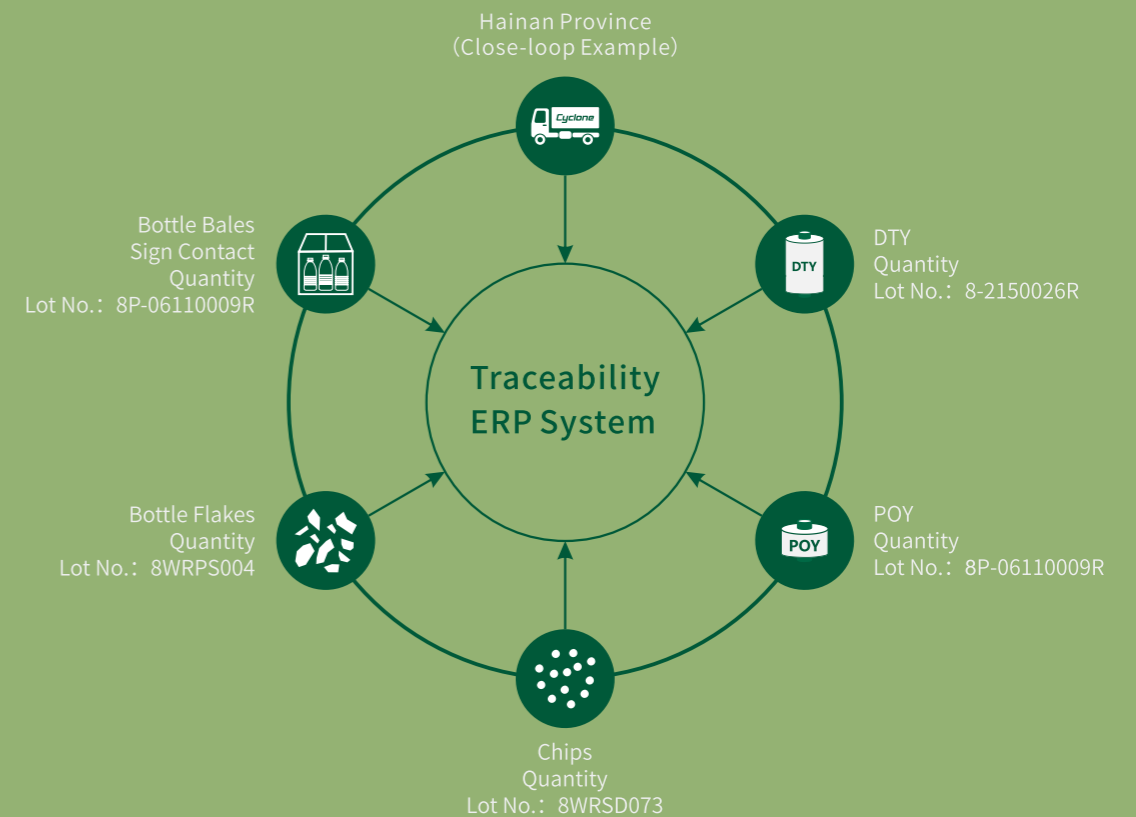
QUALITY GUARANTEE

We start with the first step in the production process (recycling) of our eco-friendly yarns and continue throughout the entire chain. We ensure a sufficient supply of raw materials and control the quality at the source to ensure the stability and consistency of the product quality.

We perform strict quality inspections on incoming materials to ensure the homogeneity and stability of raw materials, and we take sampling and testing in each steps of the procedure to ensure that the quality of the finished product is under control.



PRODUCT TRACEABILITY



Every test is just for creating a better recycled fiber; We deeply believe that higher-end technology is developed to reduce the impact on the environment, and we value every detail in the recycling ecosystem to provide traceability for every fiber.

REGENERATIVE CYCLE FLOWCHART



OUR PERSISTENCE LEAD TO A BETTER FUTURE



52,000T

52,000 tons of waste textiles are recycled by Cyclone per year.

320,000T

320,000 tons of waste plastic bottles are recycled by Cyclone per year.



796,000 T/Y

Saving nearly 796,000 tons of oil in total per year, equivalent to the average annual oil consumption of 442,000 cars.



731,000 T/Y

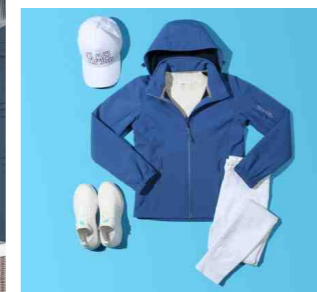
Reducing CO2 emissions by nearly 731,000 tons in total per year, equivalent to the carbon absorption of 400,000 trees in one year.



APPLICATION FIELDS

Application Fields

Our recycled fiber products can be applied as:
High-end sportswear, business suit, down jackets,
jackets, school uniforms, fashion attires, home
textiles, toys, outdoor equipment, and so on.



RECYCLED DOPE DYED POLYESTER FIBER

Product Features

Directly spinning out dope dyed yarn without dyeing process, protects precious water resources and saves energy. Excellent color uniformity, durable and resistant to color-fading, bleach and impact from ultraviolet light.

Suitable Fields

Sports, fashion, lifestyle, tech, interior design, products design, infants and children, automotive, industry, military defense & aerospace, outdoors.



Water Saving



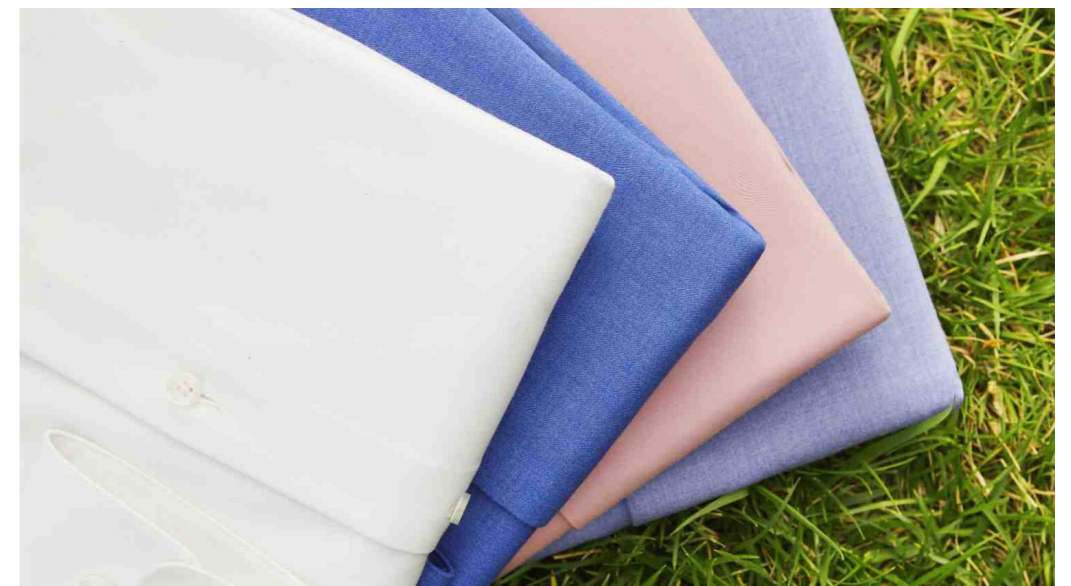
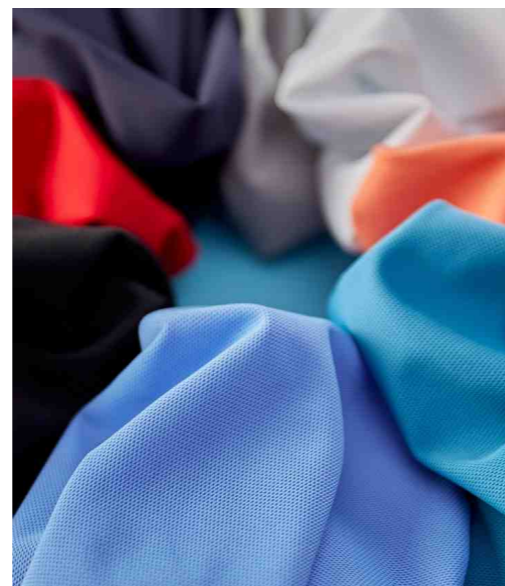
Eco Green



Low Consumption



Dye Free



RECYCLED POLYESTER FIBER

Product Features

Waste textiles and waste plastic bottles are turned into precious resources through high-end chemical recycling and physical recycling technology, which can make regenerated filament DTY, FDY and POY.

Suitable Fields

Sports, fashion, lifestyle, tech, interior design, products design, infants and children, automotive, industry, military defense & aerospace, outdoors.



Energy Saving



Eco Green



Mechanical



Close-Loop



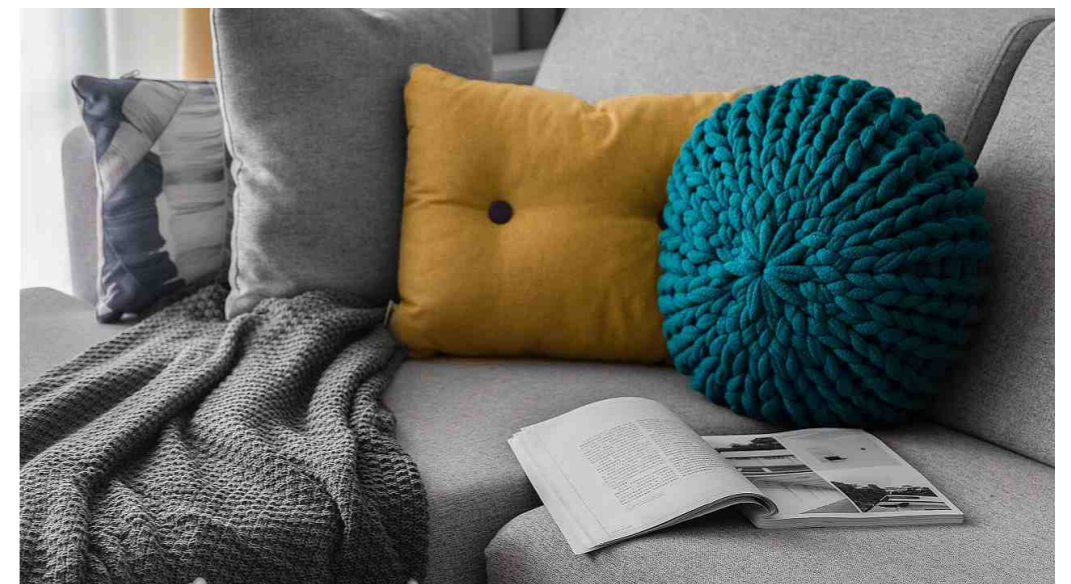
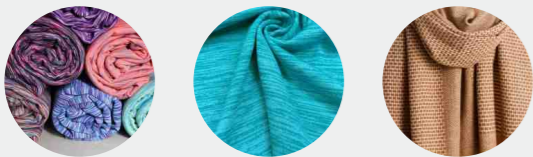
RECYCLED COMPOSITE FIBER

Product Features

Through the combination of different types of yarn, such as polyester+cationic, polyester+nylon, polyester+cotton, polyester+cationic+nylon, spandex covered yarn, etc., can produce a variety of unique yarns, such as cotton-like yarn, high elasticity yarn, ultra-fine denier yarn, slub-bar yarn, barcode yarn, etc. Realize a perfect match between visual aesthetic and multiple functions.

Suitable Fields

Sports, fashion, lifestyle, tech, interior design, products design, infants and children, automotive, industry, military defense & aerospace, outdoors.



RECYCLED FUNCTIONAL FIBER

Product Features

Recycled yarn with multiple functions: moisture absorption and wicking, anti-bacterial, anti-odor, anti-UV, flame retardant, different cross-section, which can meet the diverse needs including health, fashion and comfort.

Suitable Fields

Sports, fashion, lifestyle, tech, interior design, products design, infants and children, automotive, industry, military defense & aerospace, outdoors.



Anti-UV



Anti-bacteria



Quick-dry



Comfort Stretch



Insulated



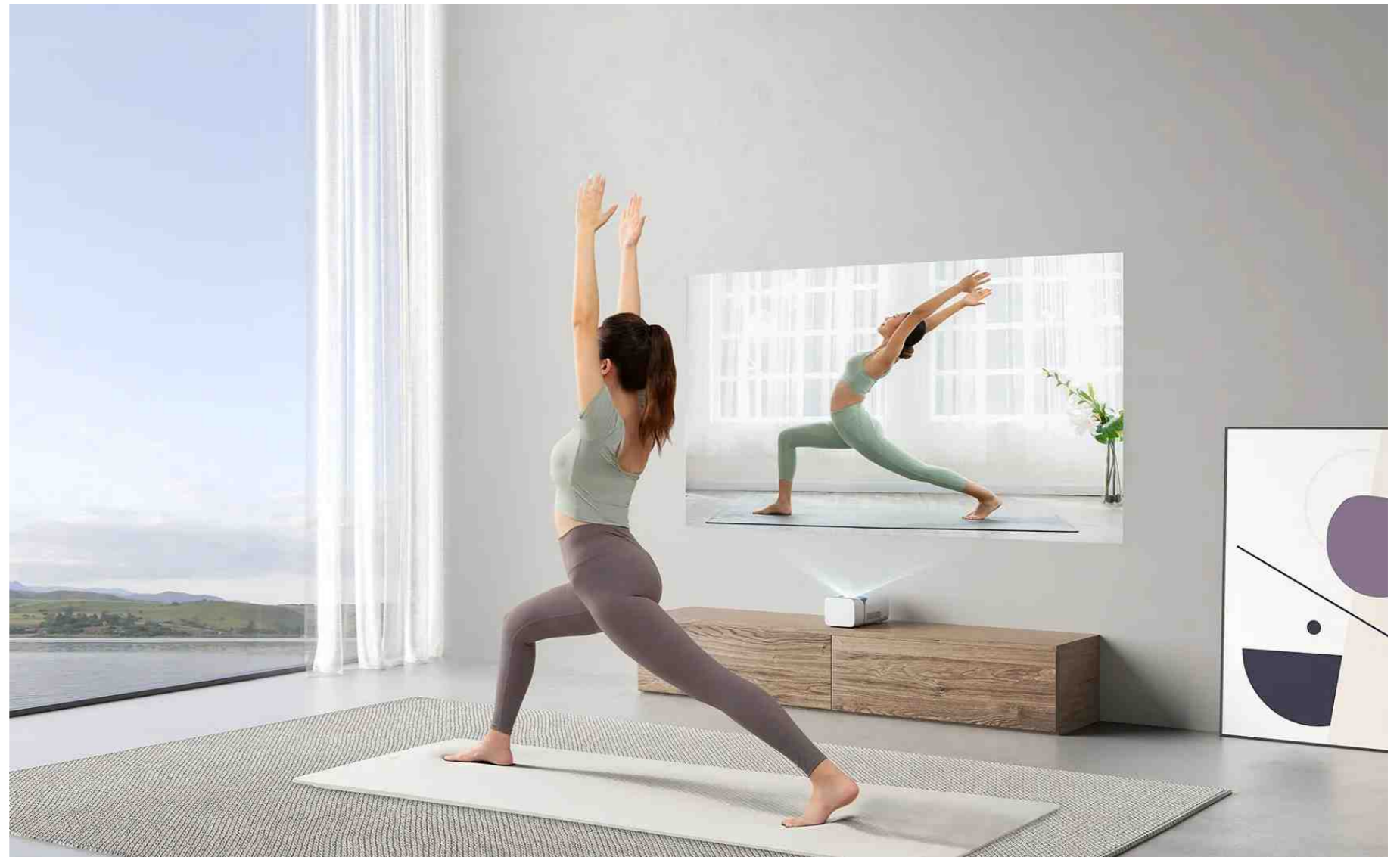
Thermogenic



Cooling



Water Proof



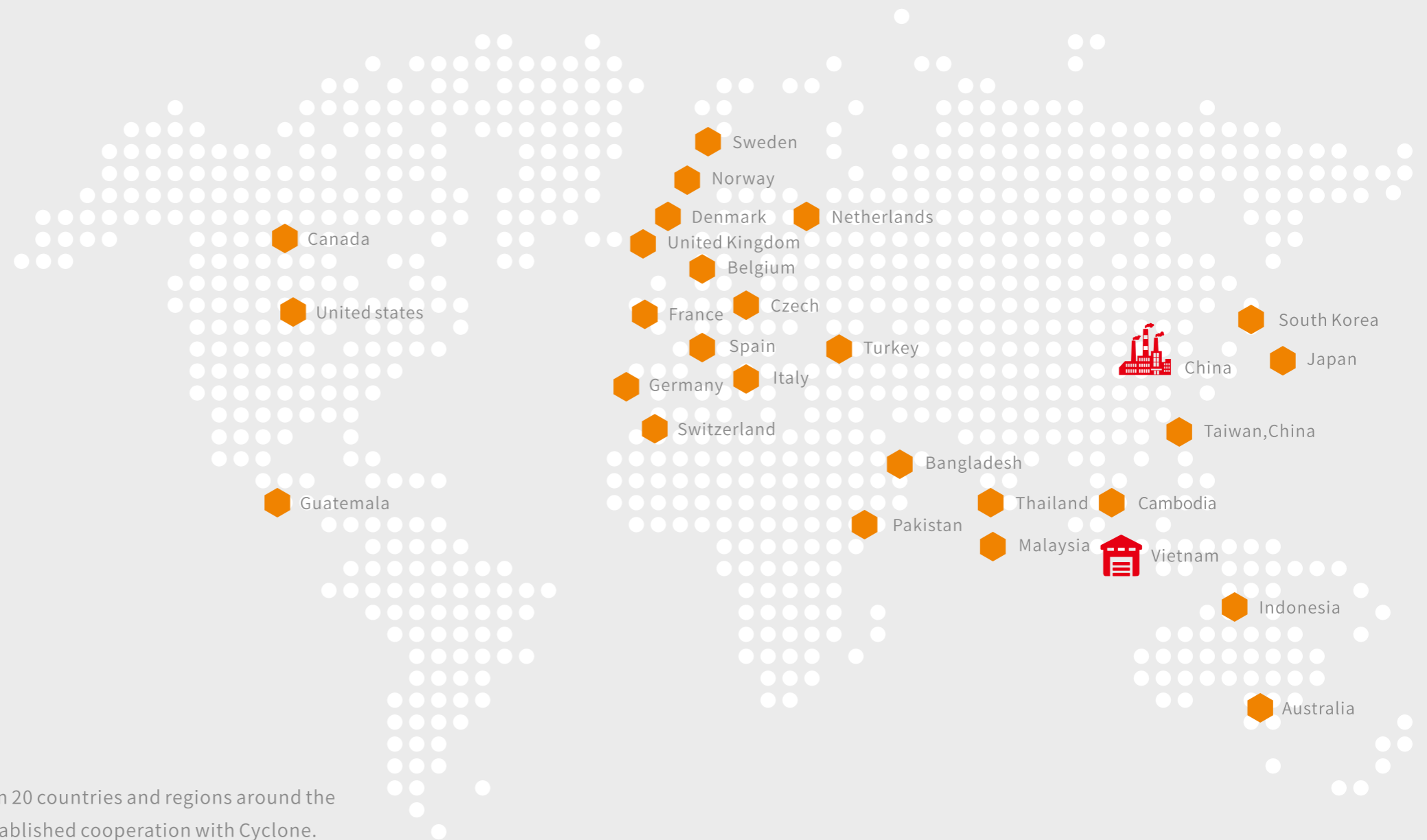
GLOBAL MARKET LAYOUT

20

over 20 countries

70

over 70 brands



Cyclone business covers more than 20 countries and regions around the world, and over 70 brands have established cooperation with Cyclone.

PERFORMER OF SUSTAINABILITY

Cyclone sustainable closed-loop recycling is committed to manufacturing products with recycled and renewable materials and reducing the use of raw material resources; each factory has a recycling area and manages the classification and recycling of materials to effectively increase the utilization of resources for sustainable environmental protection. And a comprehensive industrial sewage treatment system has been adopted to strictly treat and utilize the discharged wastewater.

Strictly abide by and comply with national environmental protection standards, take sustainable management as the basic principle, and invest in R&D to improve environment-friendly raw materials, products and technologies. We are eco-friendly and responsible to consumer by adhering to the notion of environmental protection and sustainability, beginning with the sourcing of raw materials and ending with the manufacturing of products with a perpetual circulation.

We will continue to investigate and develop methods to reduce the environmental impact of our manufacturing processes, as well as to create more eco-friendly workplaces and communities.