



Sunny Special Dyeing & Finishing Co., Ltd.

SUPPLY GREEN, SAVE GREEN

Your partner for sustainability in pursuit of true greatness

/01 Company

- Company Profile
- Main Product
- Mill Facilities
- Lab Facility





1984

Established



10,450,000 usd

Capital



3.5~4 million yards/month

Production capacity



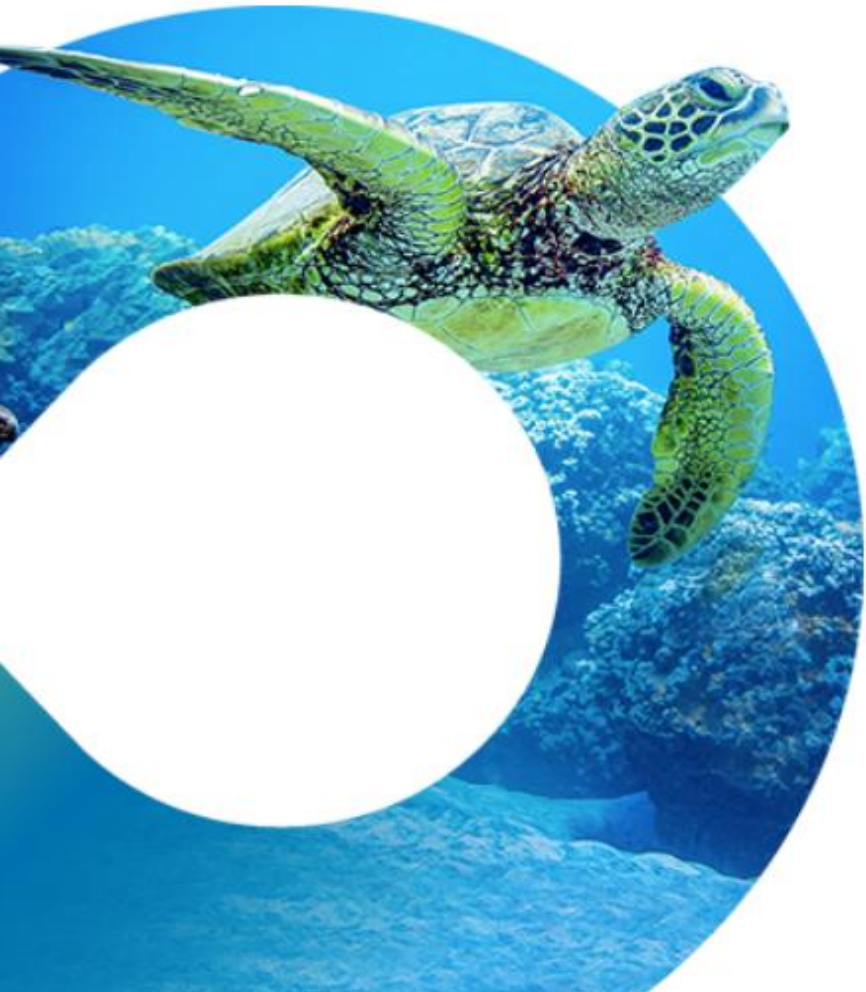
193

Employees



Taiwan

Office in Taipei
Mill in Tao-Yuan



/Synthetic functional woven & knits fabrics



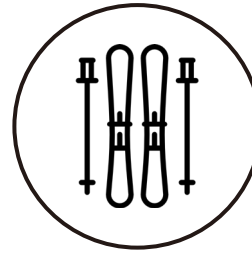
Outdoor



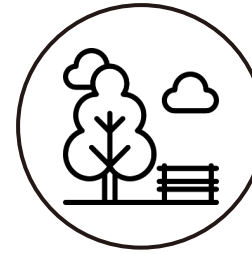
Sports



Safety



Skiing



Leisure



Lifestyle

/Mill facility

Pretreatment



2 Continuous
Desizing
machines



Automatic
Dyestuff
Dispersement

Dyeing



7 Beams



28 Jets



2 Jiggers

Finishing



4 Stenters



Final
Inspection

/Lab facility

Colourfastness



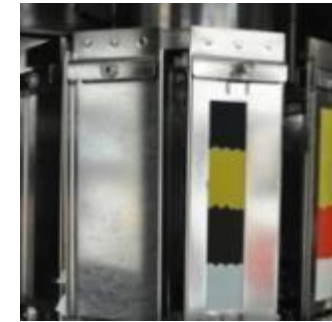
Lab Dispenser
Station



Colourfastness
to Sublimation

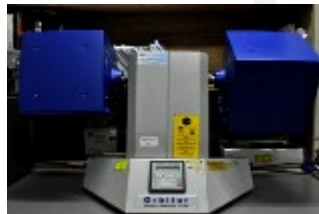


Colourfastness
to Crocking

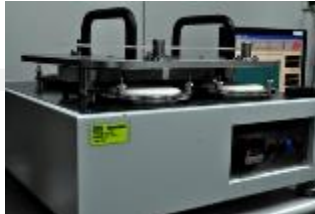


Colourfastness
to Light

Physical Properties



Pilling &
Snagging



Abrasion
Resistance



Tearing
Strength



Tensile
Strength

/02 Sustainability

- SUPPLY GREEN : Certificate, Facility
- SAVE GREEN: achievement
- Social & Labor





SUPPLY GREEN, SAVE GREEN

Your partner for sustainability
in pursuit of true greatness

“In the cause of moving towards a greater degree of sustainability, Sunnytex focuses on every aspect of textile production where natural resources, energy and chemicals are consumed and emitted to the environment.”

/Certificate



bluesign
Since 2008

for
Chemical



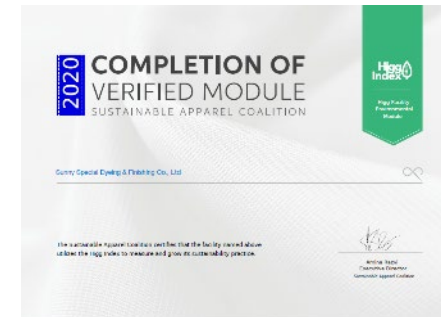
Oeko-Tex
Since 2006

for
Chemical



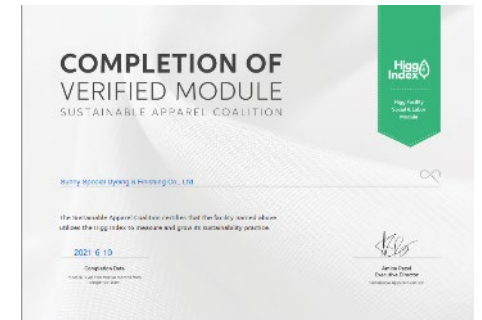
GRS
Since 2020

for
Material



Higg Fem
Since 2018

for
Environment



Higg Fslm
Since 2021

for
Labor

/Environmental Sustainability



Clean by Design

2020

for
Sustainable Process



**Energy Saving
Benchmark Award
Silver award**

2020

for
Energy Saving



**Volunteer for
Greenhouse reduction
Blue champion**

2020

for
Carbon emissions
reduction

/Labor Issue



Placement Fee

Considering foreign workers, Sunnytex have paid expense for them including agency fee, air tickets and so on.

2020

Your Voice Matter

Employees have lots of rights, but they do not know it. Thus, we cooperate with clients and arrange expert to educate them how to utilize their rights properly.

2022

/ Social Contribution



Nursing Home



2016

visit



Wulai Junior High School Law Camp

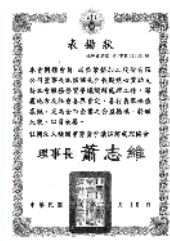


2018

sponsor



Taoyuan Labor Dispute Mediation and Handling Association



2019

member



Students Understand Poverty Line



2021

sponsor



Mobile Medical Vehicle



2022

sponsor



Community Clean-up Campaign



2022

event



Kinmen Legal Aid Foundation



2023

sponsor



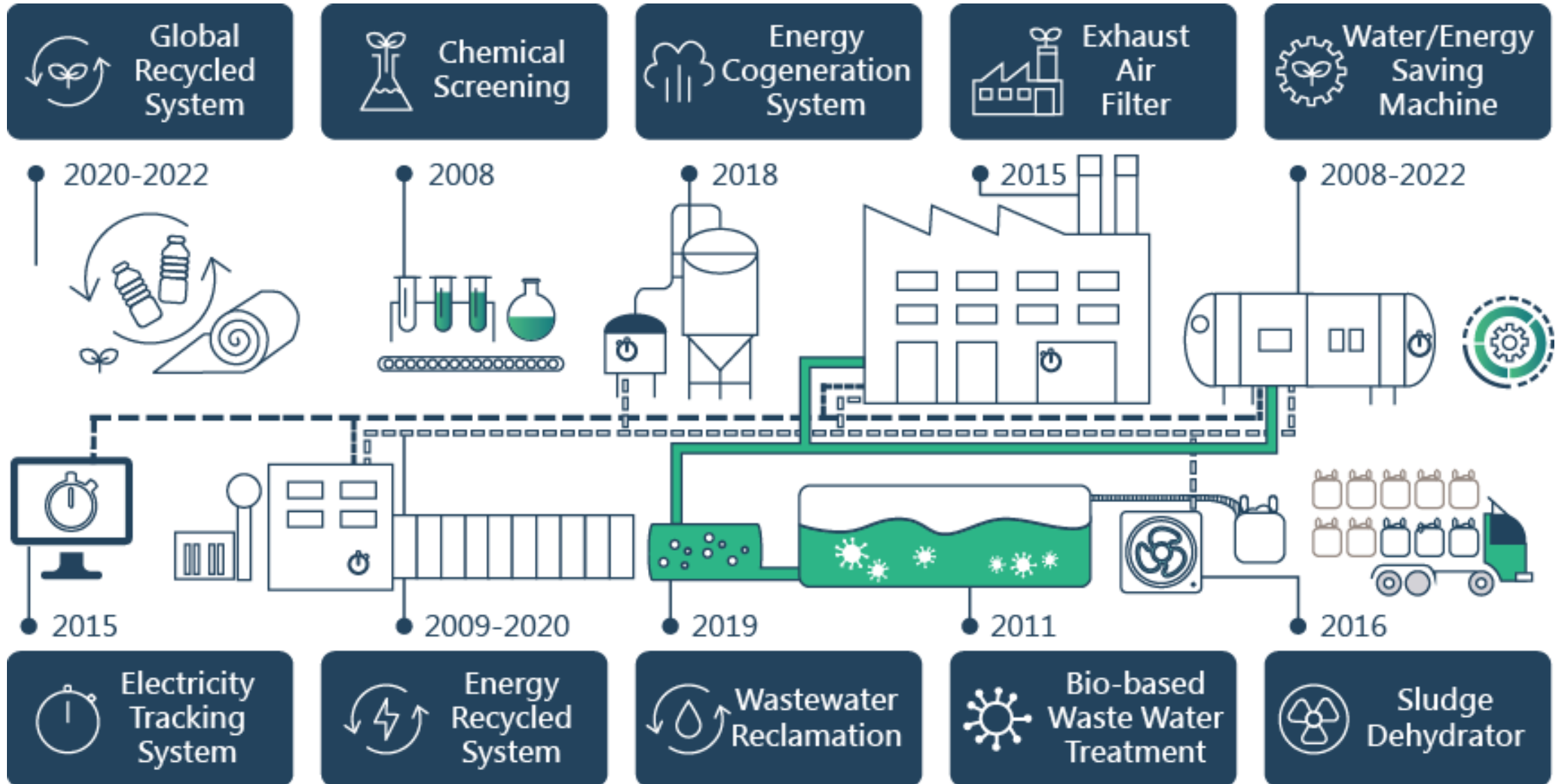
Outstanding Employer Award



2023

ministry of labor of Thailand

/Sustainable process



/Sustainable process



Electricity Management System

In order to reduce the consumption of energy, we have planned to install electricity usage tracking / management system. Each of individual machines electricity consumption is tracked and analysed for energy management purpose.



Energy Recycled System

Most equipment are installed energy recycled system. The recyclable path is arranged by temperature to make sure we make the most of electricity and steam without wasting.



Energy Cogeneration System

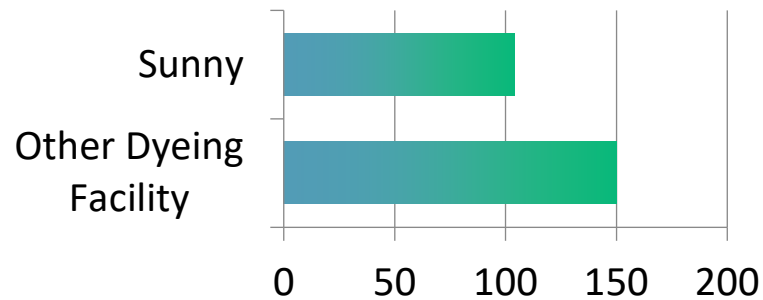
In 2018, we began using co-generation energy in the industrial zone.

Professional equipment makes energy much more efficient and treating air emissions and waste more appropriate.

/Sustainable process



Highly Efficient Water-saving Machine



Wastewater Reclamation

Through our UF/RO system, wastewater is purified by removing particulates, ions and molecules without the addition of chemicals.

Renewed water can be used in our manufacturing.

Wastewater recovery system can reuse 500 tons water one day. It can save at least 100,000 tons water a year.



Bio Wastewater Treatment

In 2011, we renewed our waste water treatment system by applying biochemical technology, effectively dissolving contaminants in dyestuff with microorganisms. Our current emissions are well below government regulations. Our ultimate goal is to exceed the local regulated domestic wastewater emission standard internally.

/Sustainable process



Off-Gas Filter

Exhaust heat generated from dyeing & finishing produces residual soot. Prior to omission our newly installed off gas filter system screens out volatile chemical gas and particulate pollutants through a washing and static cleansing process before safely exhausting pollutant free gas into the atmosphere.



Sludge Dehydrator

In 2015 Sunny Special installed a sludge dehydrator using recycled heat to dry sludge. This reduces the water content of sludge from 90% down to less than 40%, decreasing the volume of waste and enhancing cleaning efficiency, benefiting both the environment and the mill.

Since **2011-2022**, we have already saved

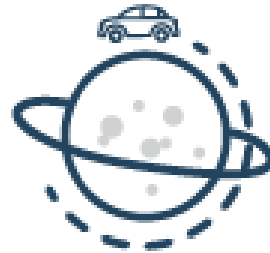
☒ **ELECTRICITY**



7,355 MWh,
which can provide a family with

21,014 years
of electricity.

☒ **CO2 EMISSION**



115,675 tons,
which can travel

13,120 trips
to the moon.

☒ **WATER**



3.5 million tons,
which can supply

22.4 million
people's daily use.

and this journey is still in progress

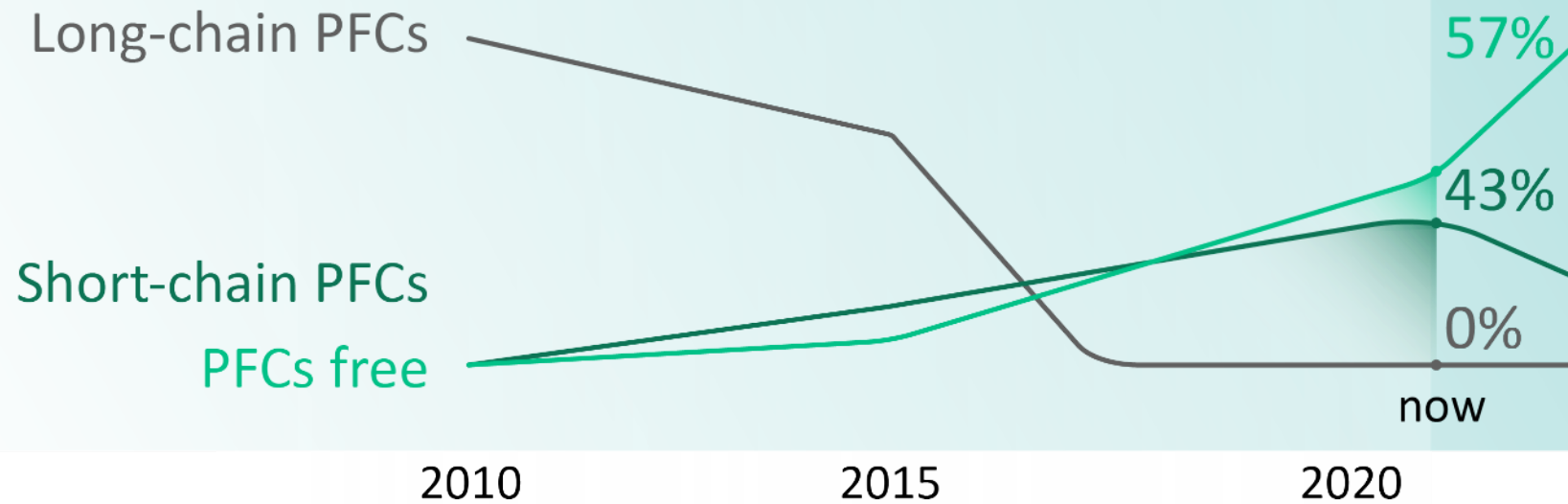


/03 Partner

Be our partner



/What we do with our partners



do somethings with us
services@sunnytex.com.tw

