

SOLUTIONS IN HANDLING SURPLUS PRODUCTS

Sustainable | Fashion | Hong Kong

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ESG SCHOOL **HK**

ESG UNIFORM

 **C-FORCE**
BIOTECH

Crestwell  Attire

BACKGROUND

OUR TRANSFORM · 30 YEARS IN THREE STAGES



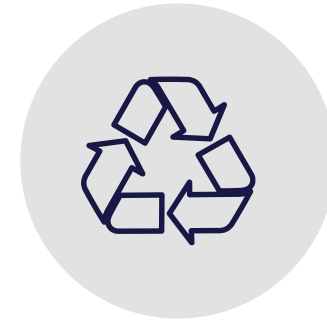
Pure Manufacturer

Capacity. Efficiency.
Volume. Speed.
The only vocabulary.



On-Demand Manufacturing

Produce what is
ordered. Smaller runs.
Less waste. More agile.



Circularity

Design for end of life.
Build the loop.
Close the circle.

*The question is not whether to act.
The question is how.*



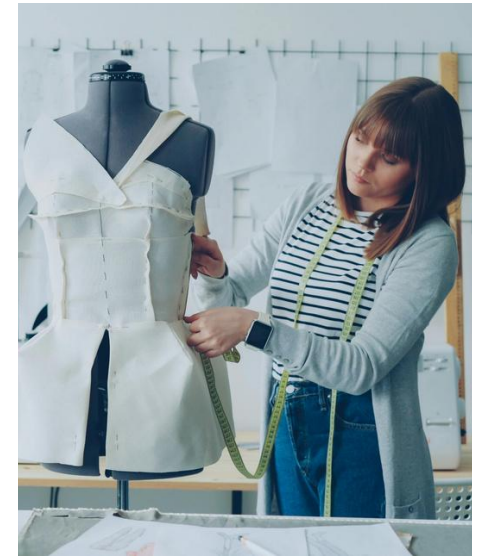
92M

tonnes of textile
waste every year



30%

of landfill waste arrives
in a sealed plastic bag



80%

of impact fixed at
the design stage

Fashion is one of the most polluting industries on the planet.

- 2017 ·STELLA MCCARTNEY
- HARLEY WEIR
- A designer chose to say it out loud.
With a photograph.





本地綠色初創企業製衣商ESG School HK致力推動可持續發展。(蘇文傑攝)

I remembered that photograph from 2017 and thought:

"I should do that too."

4 minutes with extreme unconmfort, but before I stood up — one very clear thought comes to my mind :

"SURPLUS"
OR
"EXCESS"

THE FIRST THING WE CHANGED WAS NOT THE PRODUCT.

Surplus stock is called 'surplus' because we framed it as excess—something we don't want.

Nobody wants what nobody wants.



*We started with upcycling.
Here is what we learned.*

Upcycling



Cut & Blend

Cut different surplus pieces and blend them into one new garment. Creative. Labour-intensive. Limited scale.



Product Creation

Reimagine surplus fabric as dolls, accessories, and new product lines. Storytelling value. Still small volume.



Mechanical Decomposition

Break fabric down into yarns mechanically. Feed back into spinning. Technically demanding.



UPCYCLING IS BEAUTIFUL. IT IS NOT ENOUGH.

Upcycling

Creative · Brand story

Covers ~25%

Requires skilled labour

Every piece is different



Downcycling

Process-driven

High volume

Covers majority

Turns any textile into mat'l

Scalable system

Nu-Carpet

Launched 2026

 **Recycled in Hong Kong**

 **Made in Hong Kong**

 **Used in Hong Kong**

A closed loop—entirely in Hong Kong.

*While the world talks about
sustainability somewhere else—*

**we built the loop
right here.**

✓ **Textile waste collected locally**

✓ **Processed locally**

✓ **Carpet made locally**

✓ **Installed locally**

Not complicated. Just requires commitment.



NUCARPET · SIX-STEP DOWNCYCLING

From Uniform to Exhibition Floor

從制服到展覽地毯

Six steps. One closed loop. 六步 · 一個閉環

Individual efforts are not enough. Hong Kong needs a System.

The system breaks at the same point every time:

S E P A R A T I O N

The Problem

A cotton shirt and a polyester shirt look identical.
Mix them in the bin — you cannot process them.
You sort by hand. Slowly. Expensively.

The Opportunity

Solve separation at the source—and the rest of
the system works.
Hong Kong is small enough to do this.

SMART GARMENT-TO-RECYCLING LOOP

A SYSTEM HONG KONG COULD BUILD · THE RFID LOOP



**RFID Tag
on Every
Garment**



**Smart
Washing
Machine**



**Smart
Collection Point**



**Closed-Loop
Recycling
Channel**

The hero of this story is not us. It is you — and what you do next.

0 1

Use Recycled Materials

Not because it is trendy.
Because it is right—and it is
becoming commercially
necessary.

0 2

Invest in Education

Bring students in.
Send your team to learn.
Build knowledge that stays
when people move on.

0 3

Form Real Working Groups

Not WhatsApp chats.
Real meetings.
Real commitments.
Push together.

Global heat is changing our lives. The time to act is not next year. It is now.

**I designed those visits to educate them.
They educated me.**





THANK
YOU