



碩環企業股份有限公司

Love Earth; Love Us



沿革



成立時間

SCS 頒發認證

全球行銷

1988

1995

2001

2008

2012

NIKE
供應商

New Balance
供應商

20週年



基本資料

位置

~台灣:台中市太平區永平路二段 292 號~
中國:浙江省富陽市東洲工業功能區 12 號

產能

台灣: 36,000Y/日;900,000Y/月
中國:120噸/日;3,000噸/月

營業額

台灣:USD 10,000,000/年
中國:USD 55,000,000/年

設備

台灣: 平織布機台: 80台; 不織布機台: 20台
染缸數量: 量產缸 16台; 樣品缸 2台
貼合機台: 量產機 3 台; 樣品機: 1台

中國: RPET 洗瓶線 2條; RPET 短纖生產線 2條



Green Industry



什麼是PET寶特瓶？ (Polyethylene Terephthalate)



爲什麼我們要回收寶特瓶：

I 減少石油的使用量：

多使用1公斤的 RPET 材料即可省下3公升的石油

I 減少二氧化碳排放量.

I 降低 80% 能源使用



全球每年有約**5千億**個 “消費者使用後” 的寶特瓶



Eco Friendly Cycle



我司如何回收使用後的寶特瓶：

- | **1991:** 成立寶特瓶回收公司。
- | **1996:** 成立寶特瓶回收之纖維生產公司。
- | **2001:** **SCS (Scientific Certification System)** 美國科技環保組織認證。
- | **2002:** 成立寶特瓶回收之清洗線部門及設備生產。
- | **2006:** 行銷回收寶特瓶清洗線設備。

主要市場: 美國, 日本, 中國, 印度, 墨西哥, 波蘭, 巴基斯坦, 印度, 越南...等等

- | **2012~**全球行銷

回收寶特瓶清洗線



回收寶特瓶紗線生產流程

SCScertified™
100% RECYCLED CONTENT
 POST-CONSUMER



⇒ **RPET-BOTTLE COLLECTING**



⇒ **RPET BOTTLE FLAKE**



⇒ **RPET BOTTLE PELLIE(CHIP)**



⇒ **DRYING**



⇒ **SPINNING**



⇒ **COOLING&COLLECTING**



⇒

STRETCHING



⇒



⇒

WINDING



⇒



⇒

RPET BOTTLE RECYCLED YARN



Post-consumer
 ECONOMIC CERTIFICATION SYSTEMS
 803-MD-00132

機械式回收



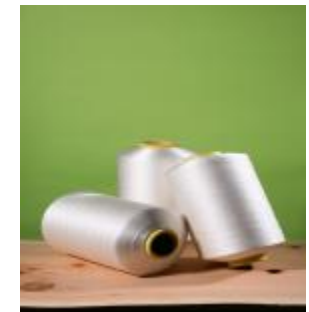
RPET Bale



RPET Flake



RPET Chip



RPET Filament yarn



RPET Staple fiber



RPET Spun yarn

機械式生產 vs. 化學式生產

	 機械式生產	化學式生產
瓶片清潔程度	非常高	高
製程能源消耗	低	高
環境影響	低	高
生產成本	中	高
產品品質	好	好

SCS 2012~2013 寶特瓶回收之切片及瓶片認證



SCS Global Services does hereby certify that an independent assessment has been conducted on behalf of:

Swojin Enterprise Co., Ltd

No. 292, Sec. 2, Yunping Rd, Taichung, Taiwan

For the following product(s):

Recycled PET Bottle Chips, Recycled PET Bottle Flakes

This product meets all of the necessary qualifications to be certified for the following claim:

100% Post-consumer Recycled PET Content

Conforms to the SCS Recycled Content Standard V4-1

Registration # SCS-MC-02152

Valid from: April 1, 2012 to March 31, 2013



Robert J. Hrubes, Ph.D., Executive Vice President
SCS Global Services
2000 Powell Street, Ste. 600, Emeryville, CA 94608 USA

SCS 2012~2013寶特瓶回收之短纖紗及短纖綿認證



SCS Global Services does hereby certify that an independent assessment has been conducted on behalf of:

Swojin Enterprise Co., Ltd

No. 292, Sec. 2, Yunping Rd, Taichung, Taiwan

For the following product(s):

Recycled PET Bottle Spun Yarn, Recycled PET Bottle Staple Fiber

This product meets all of the necessary qualifications to be certified for the following claim:

100% Post-consumer Recycled PET Content

Conforms to the SCS Recycled Content Standard V4-1

Registration # SCS-MC-02247

Valid from: April 1, 2012 to March 31, 2013



SCSglobal
SERVICES

Robert J. Hrubes, Ph.D., Executive Vice President
SCS Global Services
2000 Powell Street, Ste. 600, Emeryville, CA 94608 USA

SCS 2012~2013 寶特瓶回收之POY及DTY認證



SCS Global Services does hereby certify that an independent assessment has been conducted on behalf of:

Swojin Enterprise Co., Ltd

No. 292, Sec. 2, Yunping Rd, Taichung, Taiwan

For the following product(s):

Full bright Recycled PET Bottle Partially Oriented Yarn (POY), Full bright Recycled PET Bottle Draw Textured Yarn (DTY)

This product meets all of the necessary qualifications to be certified for the following claim:

100% Post-consumer Recycled PET Content

Conforms to the SCS Recycled Content Standard V4-1

Registration # SCS-MC-02248

Valid from: April 1, 2012 to March 31, 2013



SCSglobal
SERVICES

Robert J. Hrubes, Ph.D., Executive Vice President
SCS Global Services
2000 Powell Street, Ste. 600, Emeryville, CA 94608 USA

寶特瓶回收之清洗線部門及設備生產工廠位置圖



寶特瓶回收之清洗線部門及纖維生產工廠位置圖

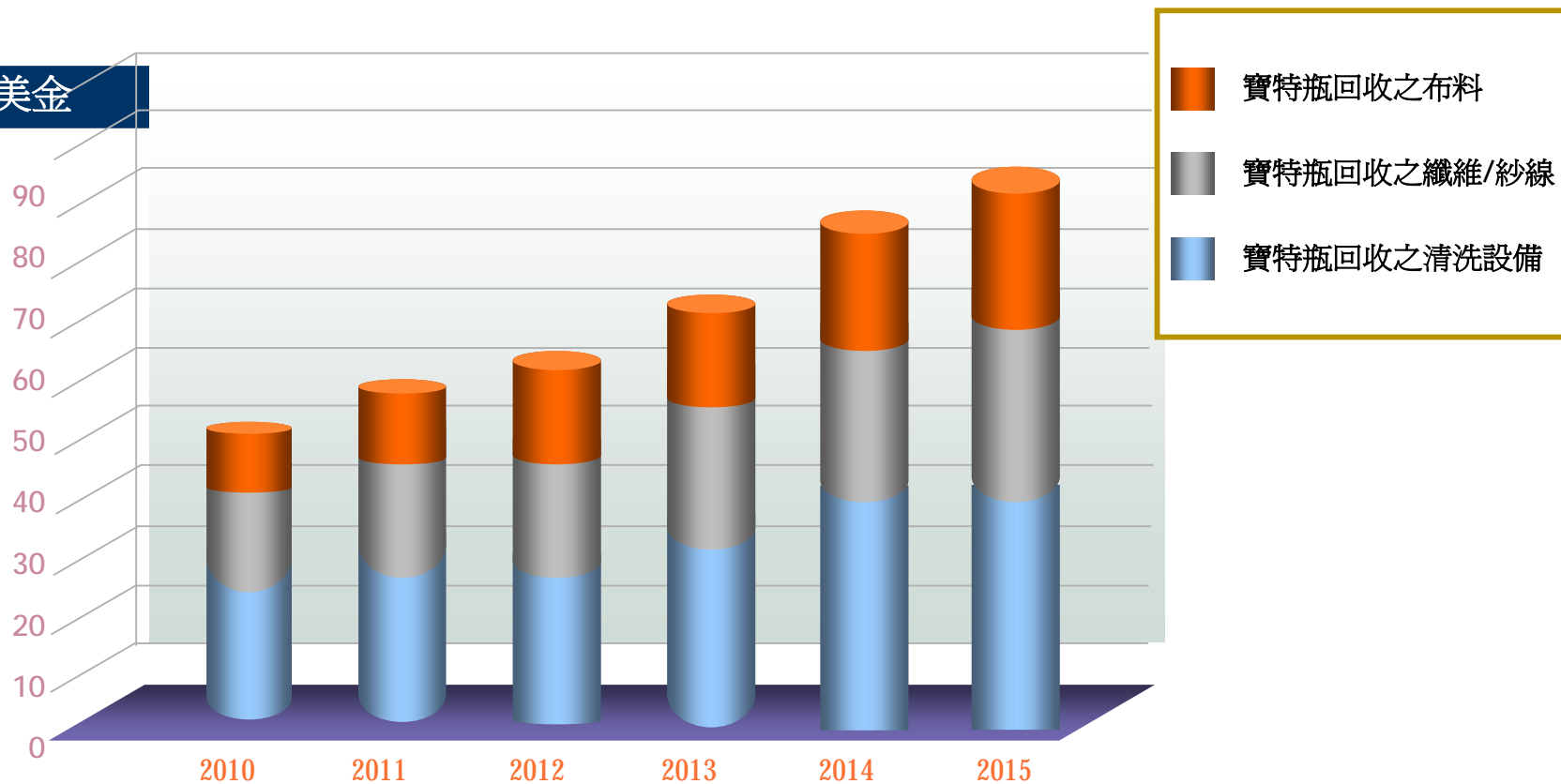


台灣公司及工廠位置圖

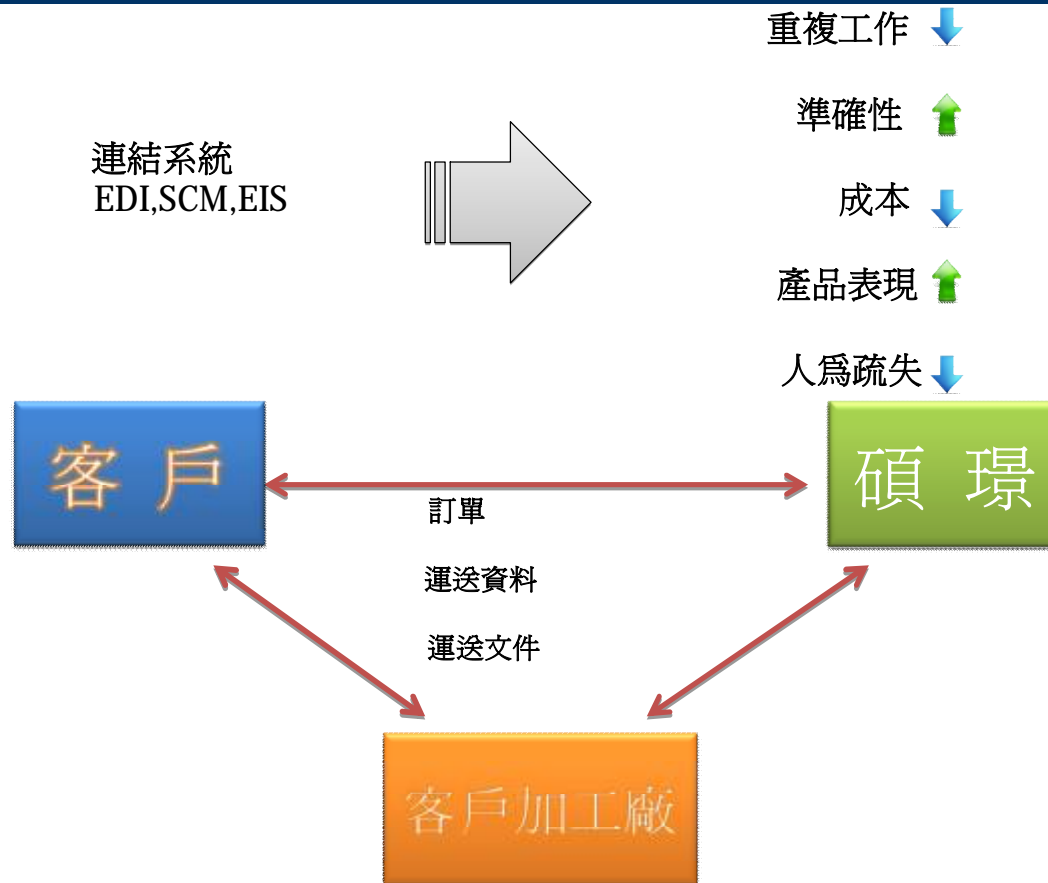


年度營業額

百萬；美金

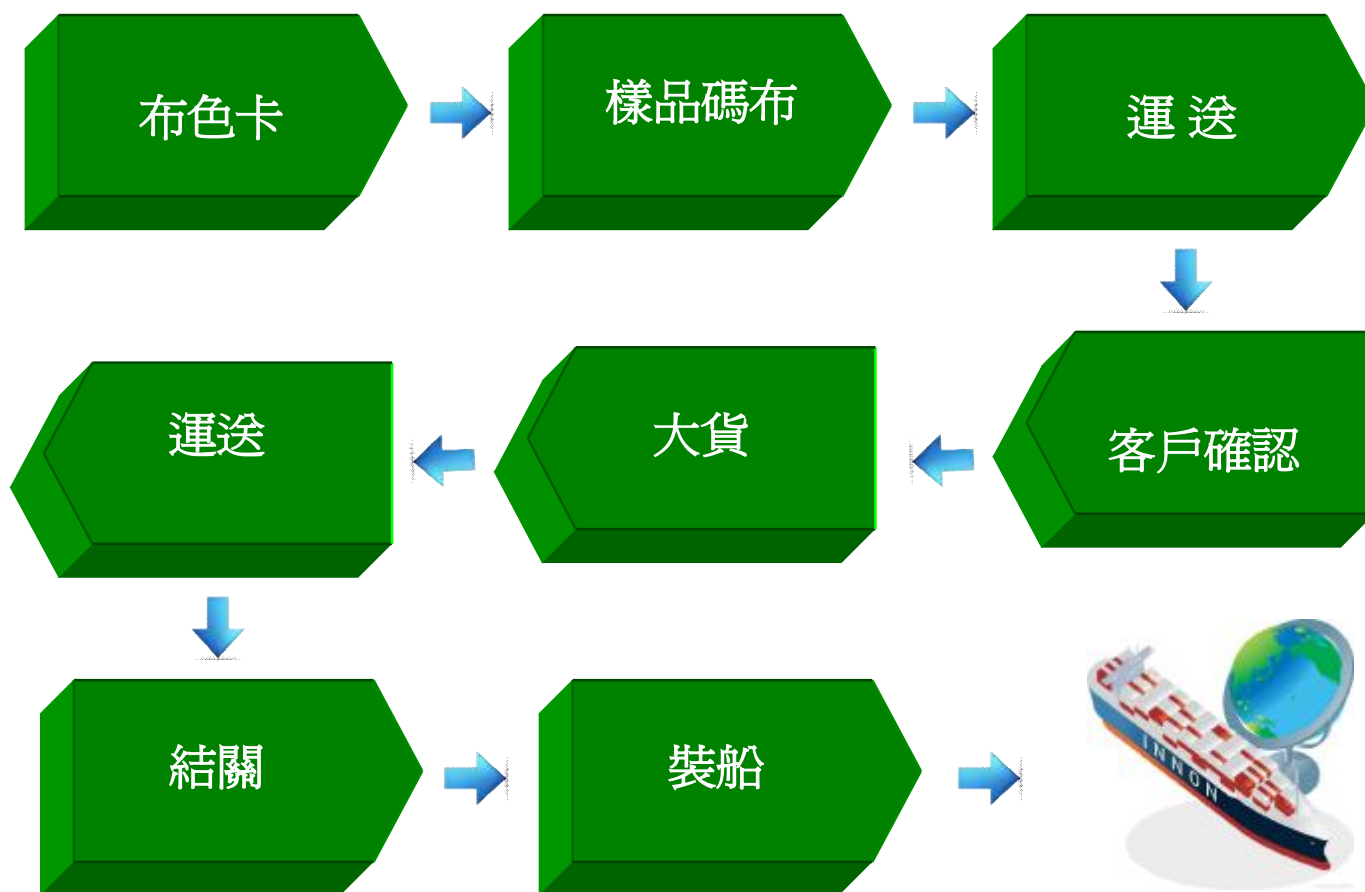


高效率配合





交貨流程



產品



謝謝聆聽

