仁愛堂環保園塑膠資源再生中心
Yan Oi Tong EcoPark Plastic Resources Recycling Centre
Yan Oi Tong Introduction

- Registered as a charitable organization in 1977
- Yan Oi Tong is one of the six largest charitable organizations in Hong Kong
- Over 90 service units
Daily Plastic Waste produced in Hong Kong

- Each Hong Kong resident generates 1.36kg domestic waste per day

- 13,500 tons of garbage is dumped in landfills per day (9,000 tons is municipal solid waste)

- The amount of waste plastics reaches 1,694 tons and equals to 18.8% of the total amount of municipal solid waste
YOTPRRC
**Major Aims of PRRC**

- To collect local plastic waste
- To turn local waste plastics into recyclable materials and resale to the market
- To strengthen community participation and raise public awareness
- To create jobs for the under-privileged
Collection of Plastic Waste

- PRRC will collect local waste plastics from our plastics acquisition partners such as schools, housing estates, hospitals, public sectors, construction industry, local companies and organizations.
Yan Oi Tong EcoPark
Plastic Resources Recycling Center

- 6 tons of waste plastics can be recycled in our center per day
- equals to 0.35% of the total amount of waste plastics
The Plastic Coding System

PET
聚對苯二甲酸乙二酯
Polyethylene Terephthalate
The Plastic Coding System

HDPE
High-density Polyethylene
The Plastic Coding System

PVC
聚氯乙烯
Polyvinyl Chloride
The Plastic Coding System

LDPE
低密度聚乙烯
Low-density Polythylene
The Plastic Coding System

PP
聚丙烯
Polypropylene
The Plastic Coding System

PS
聚苯乙烯
Polystyrene
The Plastic Coding System

OTHER
其他
3 "R"

- 減廢 (Reduce)
- 重用 (Reuse)
- 循環再造 (Recycle)
4 Steps in Recycling Plastic Bottles

1. 移除塑膠樽的樽蓋
   Remove the bottle caps

2. 倒清樽內液體，再作簡單清洗
   Empty and rinse the bottles

3. 移除塑膠樽的招紙
   Remove the labels

4. 把塑膠樽，樽蓋及招紙一併放入塑膠回收桶內
   Place the plastic bottles, caps and labels into the plastic recycling bins

仁愛堂環保園塑膠資源再生中心
Yan Oi Tong EcoPark Plastic Resources Recycling Centre
Clean Recycling for a better environment

Please Don’t Put The Following Waste Plastics Into Our Recycle Bins

Plastic bags and containers contaminated with food residues, residual drinks etc.

Clinical materials such as syringes, blood and urine bags, clinical gloves etc.

Plastic containers with residual chemicals (e.g. containers for lube oils, insecticides, drain cleaners etc.)
Clean Recycling for a better environment

Please Don’t Put The Following Waste Plastics Into Our Recycle Bins

- Plastic bags with aluminum coatings (e.g. snack bags)
- Toner cartridges
- Rubber (Tires or shoes etc.)
- Styrofoam (not suitable for processing by our equipment)
Our Center: Daily Operation

- Our center is divided into: Sorting Area, Shredding Area, Pelletization Area, Storage
Recycling Process

1. Collection
2. Transportation
3. Sorting
4. Shredding
5. Washing & Separation by Density
6. Recycled Plastics Products
7. Sale

Yan Oi Tong EcoPark Plastic Resources Recycling Centre
Recycling Process
Recycled Plastics Products

- Flakes
- Pellets
Usages of Recycle Plastics

• Making synthetic fiber
• carpet, wind breaker, backpack, board short, dolls, Fleece Sweatshirt etc.
Usages of Recycle Plastics

- Add into original material
  Flowerpot, packing material, computer
Yan Oi Tong Recycled Plastic Stationery Series

- Made by HK Recycled Plastics collected from PRRC’s partners

PP Plastic Highlighter  PET Plastic Ball Pen
Promotion & Education

Visiting Tour
Promotion & Education

Plastics Sorting

Experience Sharing

Working Experience Scheme
Promotion & Education

Race on Plastics Separation
We promise...
Q & A
Thank you