

「區區有樽賞」

回收基金：即棄塑膠飲品樽回收網絡建立試驗計劃

Neighbourhood Bottle Reward Scheme

Recycling Fund: A pilot scheme on the establishment of a single-use plastic beverage bottle recycling network



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計劃目的

Project Objectives



推廣膠樽為可回收物料，
提高香港收集及回收率

Popularise plastic bottles as recyclables,
and improve collection and recycling
rates in Hong Kong

評估及支援現時回收鏈，
建立回收塑膠飲品樽的能力

Evaluate, support and build capacity in
the current recycling chain for plastic
beverage bottles.

在本港辨識及開發具有成本
效益的塑膠飲品樽收集途徑

Identify and develop a cost-efficient
collection pathways for plastic
beverage bottles in Hong Kong

為生產者責任制提供政策建議，
以及為其他飲品包裝提供參考

Provide policy recommendation on PRS
and reference for other beverage
packaging types

計劃運作概覽

Overview of scheme operations



紙皮及廢紙

Carboard and waste paper

市場價值

Market Value

每公斤 2 至 4 毫

\$ 0.2 - 0.4 / kg

資助計劃

Subsidy schemes

每公斤 7 毫半¹

\$0.75 / kg



金屬罐

Metal cans

每個 3 至 5 仙

(每公斤 2.4 - 4 元)
\$0.03 - 0.05 / unit
(\$2.4 - 4 / kg)

無

Nil



紙包飲品盒

Liquid cartons

\$0

每個 5 仙²

(每公斤 3.3 元)
\$0.05 / unit
(\$3.3 / kg)



塑膠飲品樽

Plastic beverage bottles

每個 1.5 仙

\$0.015 / unit

每個 5 仙

(每公斤 2 元)
\$0.05 / unit
(\$2 / kg)

¹ 環境保護署廢紙收集及回收計劃 (2020 年9 月) EPD - Waste paper collection and recycling services programme. (Sep 2020)

² 綠色力量－獲回收基金資助的紙包飲品盒回收計劃 (2020 年7 月) Green Power, with financial support of Recycling Fund. Drink Carton Recycling Campaign. (Jul 2020)

現金回贈運作

Flow of subsidies



回收商
Recyclers

清潔員及前線收集員
Cleaners & frontline collectors

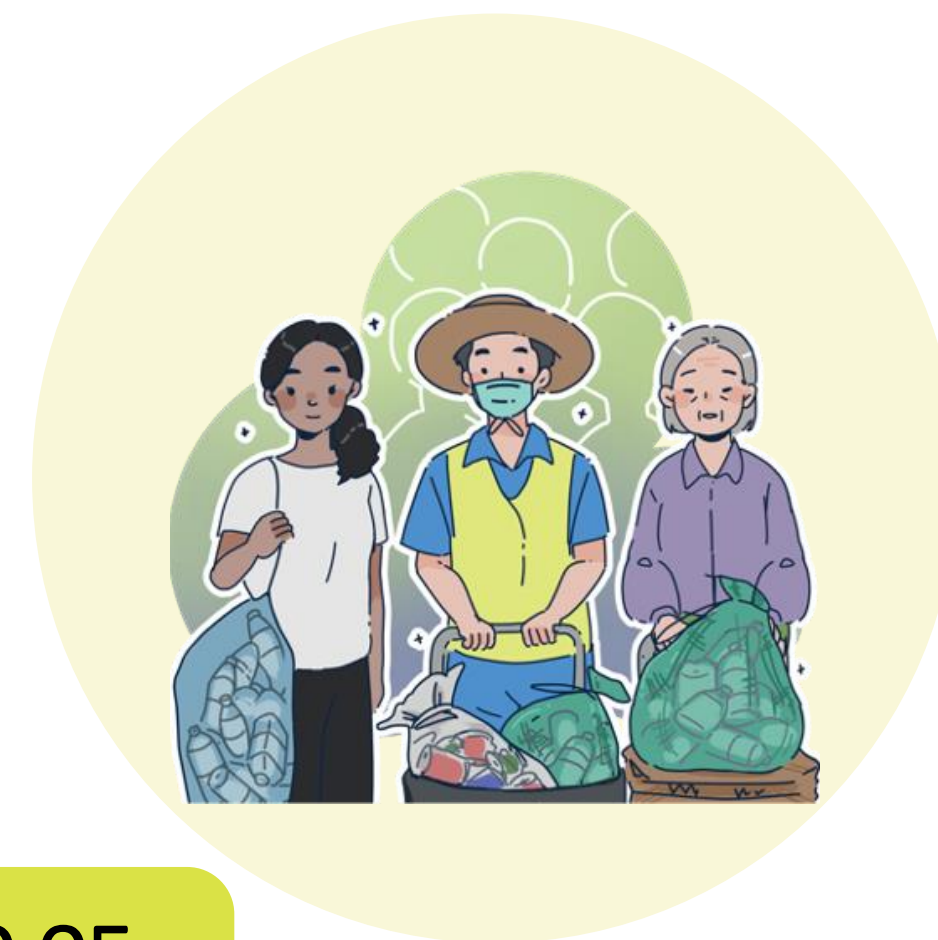
「區區有樽賞」
Neighbourhood Scheme

在回收基金的支持下
With the support of the
Recycle Fund

每個 HKD 0.085
(每公斤 HKD 3.4)
HKD 0.085 per bottle
(HKD 3.4 per kg)



每個 HKD 0.05
(每公斤 HKD 2)
HKD 0.05 per bottle
(HKD 2 per kg)



計劃參與者 Project participants

回收商 Recyclers



35 回收店
Recycling shops



9 回收車
Recycling trucks



9 快閃回收站
Recycling pop-ups



涵蓋全港17區
17 districts coverage

計劃參與者 Project participants



清潔員及前線收集員 Cleaners & frontline collectors

超過
Over
1000



清潔員
Cleaners

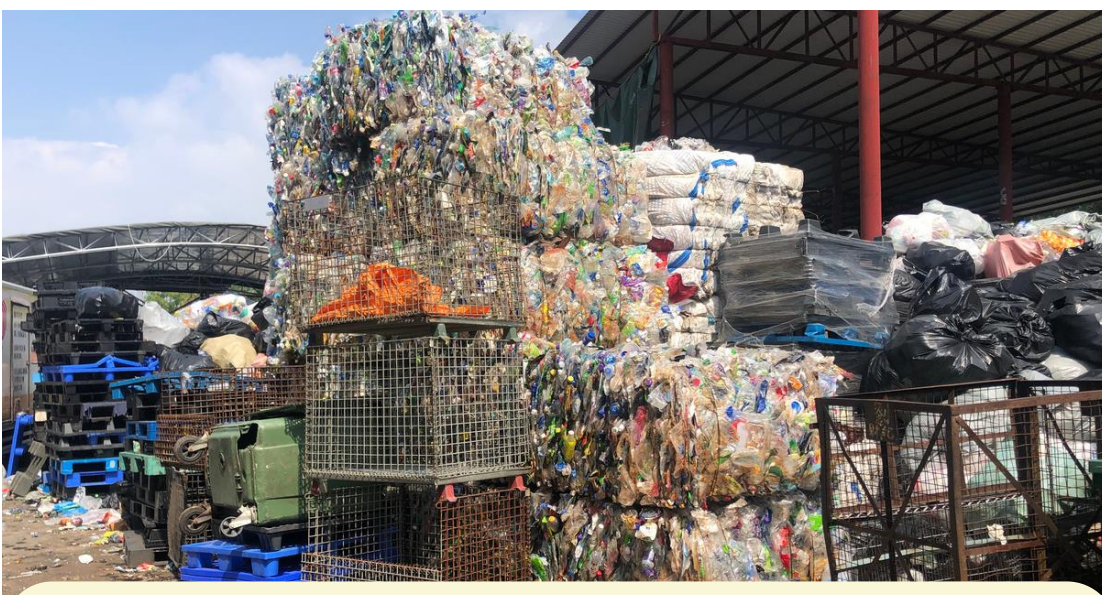


前線收集員
Frontline collectors



計劃參與者 Project participants

回收處理場 Processing plants



4

已經審核而可靠的
回收處理場

以處理計劃下回收的塑膠飲品樽

**Vetted and trusted
recycling plants**

to process recovered bottles
under the Scheme

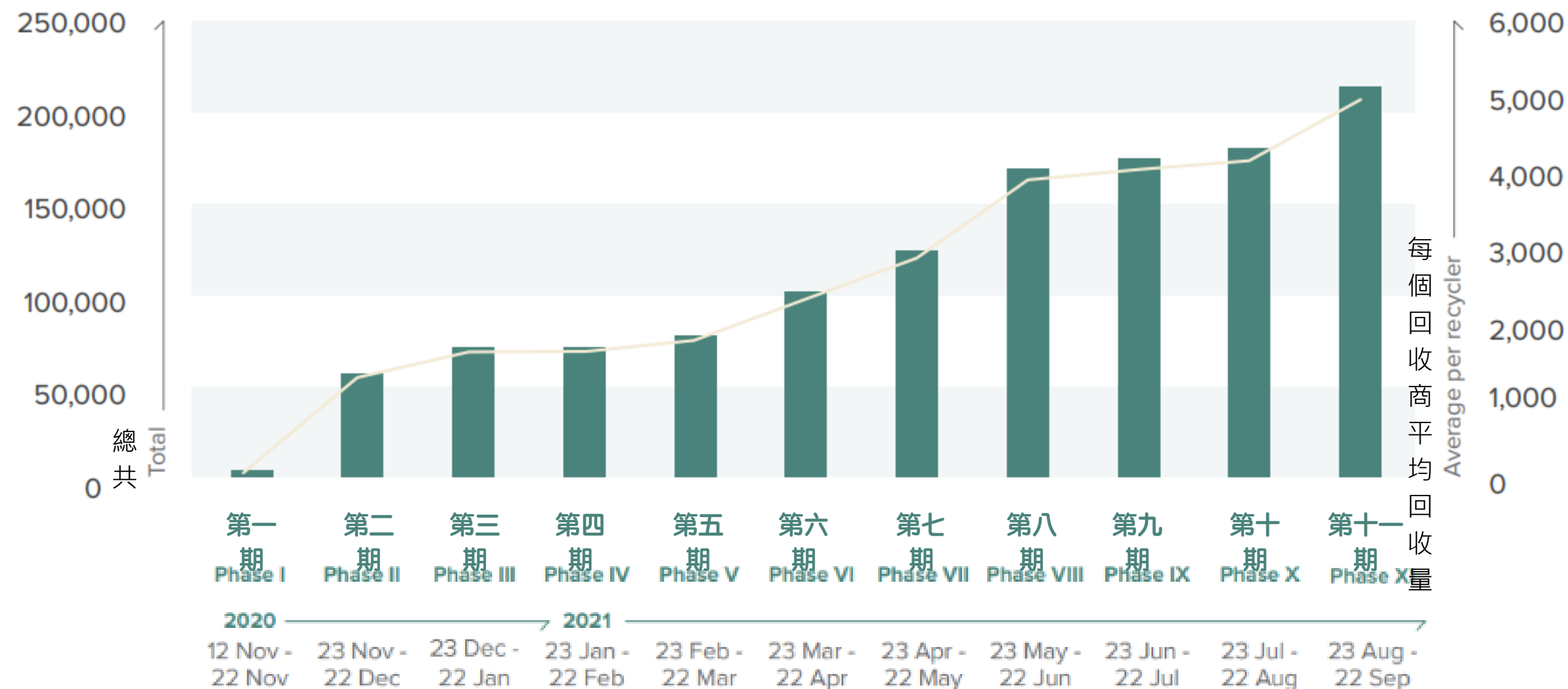


計劃成果 Project result



每月回收量

Monthly Volume (# bottles)



- 回收量穩定地上升
Volumes kept rising steadily
- 最後一個月收集到超過210噸, 比上一個月多了20%
In its last month, it collected over 210 tonnes, nearly 20% increase in collection over the previous month.
- 回收商與前線收集員仍有潛力
The potential of participating recyclers and collectors was not yet fully tapped

計劃成果 Project result



In 11 months, a total of
11個月，總共回收

49,800,000*

個塑膠飲品樽

plastic beverage bottles recovered

為計劃原定目標的2.5倍多

more than 2.5 times
the project recovery target



* 此為以每個膠樽淨重量為25g的估算數值

Estimated figure based on calculations of 25g per bottle

計劃重點 Highlights



回收商與收集員組成強大網絡 A strong network of recyclers



回收商與清潔員及前線收集員有緊密的合作關係。在計劃推行初期，回收商積極與前線收集員推廣計劃，講解收購價錢、範圍以及要求等。不久的時間後，大量的收集員參與計劃，令到計劃回收量大幅上升。

Cleaners and frontline collectors have a close relationship with recyclers. Recyclers actively promote the project and provide details to purchase price, scope and requirement. It took a short time to engage cleaners and frontline collectors, which led to an increase of collection volume.

計劃重點 Highlights



回收量主要源至於清潔員 Volume came from cleaners



清潔員每當清潔大廈的時候，都能夠收集到大量的塑膠飲品樽。有回收商表示，一個清潔員平均每天可以收集到約 10 公斤的膠樽（即約 400 個膠樽*）。

Cleaners easily have access to plastic bottles when cleaning the buildings. A cleaner can collect an average of 10 kg per day (around 400 units of plastic bottles), a recycler said.

* 此為以每個膠樽淨重量為25g的估算數值
Estimated figure based on calculations of 25g per bottle

計劃重點 Highlights

空間對於回收商十分重要 Space is important



有回收店在空間不足的情況下，將所收集的塑膠飲品樽放置於公眾地方，然而因此收到政府部門的投訴及警告。為免情況進一步惡化，他們無奈地退出計劃，停止回收塑膠飲品樽。

With limited storage space, a recycling shop leaves bulky plastic bottles in public space. They received complaints and warnings from a government department. They had to withdraw from the scheme to avoid situation worsening.

計劃重點 Highlights



位於屋苑的快閃回收站 Small MRFs located at housing estates



廢紙
Paper

膠樽
Plastic bottles

金屬
Metal

有回收商於屋苑垃圾房旁營運快閃回收站。這種方式能夠充份及彈性地利用空間，位置亦易於辨認及方便尋找。這種設置因為接近廢物棄置源頭，往往帶來高效的交易。

This recycling pop-up operates outside the refuse collection point of a housing estate. It makes ample and flexible use of space, and is easy to recognize and access. Efficient transactions happens at this kind of set-up because it is close to material sources.



感謝你們的參與！

Thank you for all your participation!

