

Blueprint for Sustainable Use of Resources
Supplementary Information on Contribution by Various Initiatives to
Waste Reduction

資源循環藍圖

補充資料：各項措施對減廢的效用

Initiatives in the Blueprint (2013-2022) 行動藍圖（2013-2022）的措施	Estimated Effect on Disposal Rate 預計對棄置量所產生的效果
	*** Current Situation : Daily MSW disposal rate per person @ 1.27 kg (ref. year 2011) *** 現時情況：都市固體廢物人均棄置量每日 1.27 公斤（參考年份 2011）
Food Wise Hong Kong Campaign 「惜食香港」運動	Reduce food waste by 10% (MSW is composed of 40% of food waste) MSW disposal rate reduced by $1.27 \times 40\% \times 10\% = 0.051$ kg, that is, 1.219 kg remains 減少廚餘 10% (都市固體廢物中包含 40% 廚餘) 都市固體廢物棄置量減少 $1.27 \times 40\% \times 10\% = 0.051$ 公斤，即餘下 1.219 公斤
Quantity-based MSW Charging 都市固體廢物按量收費	Reduce MSW by 20% MSW disposal rate further reduced to $1.219 \times 80\% = 0.975$ kg 減少都市固體廢物 20% 都市固體廢物棄置量再減少至 $1.219 \times 80\% = 0.975$ 公斤
Enhanced Recycling through other initiatives (such as Producer Responsibility Schemes, stepping up Source Separation of Waste Programme, community green stations, community collaboration on recycling, food waste recycling, green procurement, etc) 透過其他措施加強回收(包括生產者責任計劃、加強推行廢物源頭分類計劃、社區環保站、社區回收合作、廚餘回收、環保採購等)	Increase MSW recycling rate to 55% (now @ 48%) [which is equivalent to MSW disposal rate of 45% (now @52%)] MSW disposal rate reduced to $0.975 / 52\% \times 45\% = 0.844$ kg 提高都市固體廢物回收率至 55% (現時為 48%) [相等於都市固體廢物棄置率 45% (現時為 52%)] 都市固體廢物棄置量減少至 $0.975 / 52\% \times 45\% = 0.844$ 公斤

Initiatives in the Blueprint (2013-2022) 行動藍圖（2013-2022）的措施	Estimated Effect on Disposal Rate 預計對棄置量所產生的效果
1st and 2nd OWTFs 有機資源回收中心第一期及第二期	Reduce 500 tonnes of food waste per day (contribute to achievement of 55% MSW recycling rate) 每日減少廚餘 500 公噸（協助達至 55% 都市固體廢物回收率）
Continuous enhanced efforts and extension of the above programmes 繼續深化及擴展以上計劃	Further reduce MSW disposal rate from 0.844 kg to about 0.8 kg (equivalent to some 600 tonnes per day) Therefore, about 5,900 tonnes of MSW remain, with 3,000 tonnes (23%) incinerated and 2,900 tonnes (22%) landfilled 將都市固體廢物棄置量由 0.844 公斤進一步減少至約 0.8 公斤（相等於約每日 600 公噸） 即餘下約 5,900 公噸都市固體廢物，其中 3,000 公噸（23%）以焚化處理，2,900 公噸（22%）處置於堆填區

Note: The latest waste statistics can be found here =>

https://www.wastereduction.gov.hk/en/assistancewizard/waste_red_sat.htm

註：請參考此網頁以獲得最新的廢物統計數據 =>

https://www.wastereduction.gov.hk/chi/assistancewizard/waste_red_sat.htm