HKWMA Spring Reception Seminar 2021.04.27

全民減廢 Waste Reduction
資源循環 Resources Circulation
零廢堆填 Zero Landfill

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K S Wong, Secretary for the Environment, HKSARG

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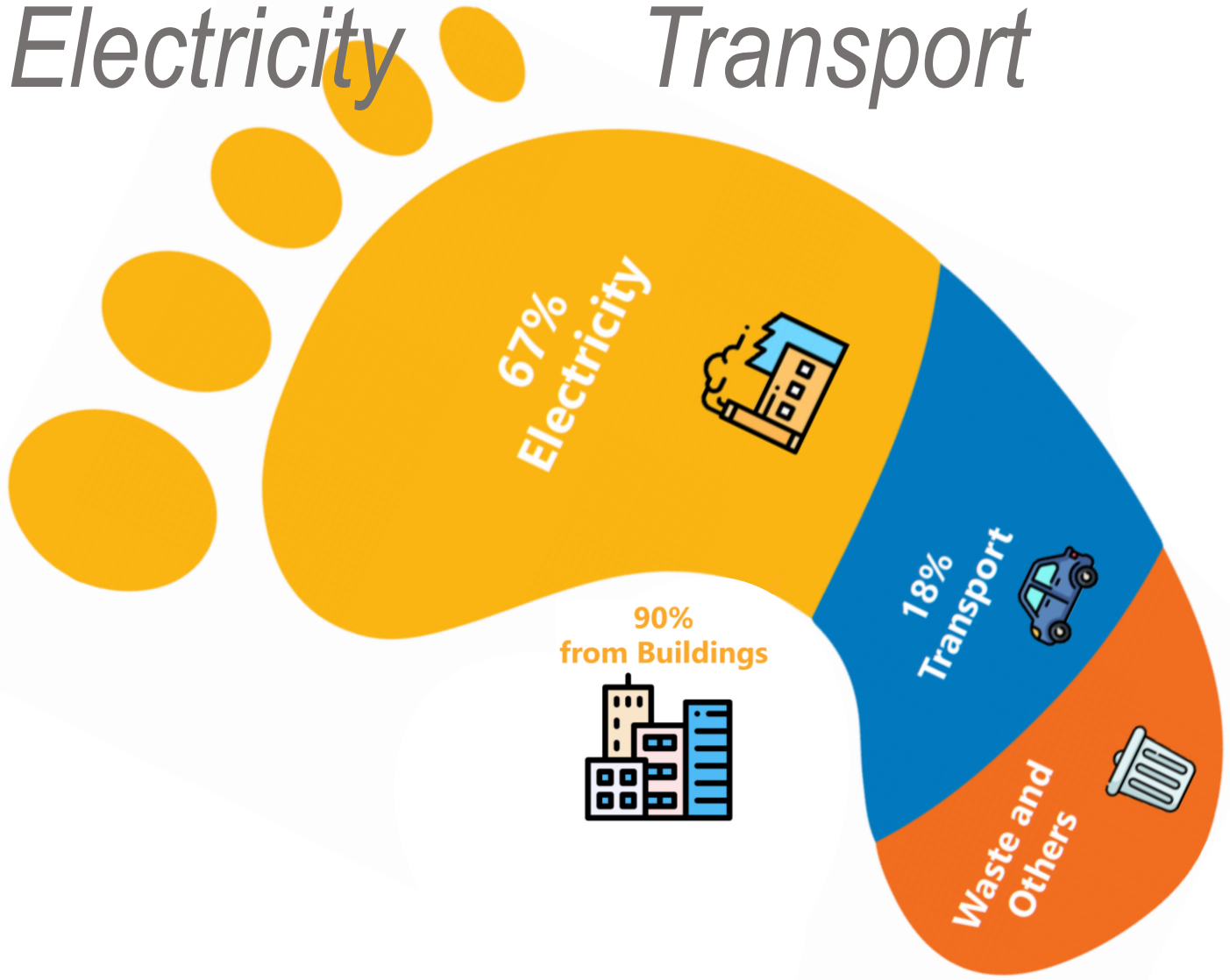
The HKSAR will strive to achieve ***carbon neutrality before 2050****.*

To this end, the Government will update the "Hong Kong's Climate Action Plan" in the middle of 2021 to set out more proactive strategies and measures to reduce carbon emissions.

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Electricity Transport Waste



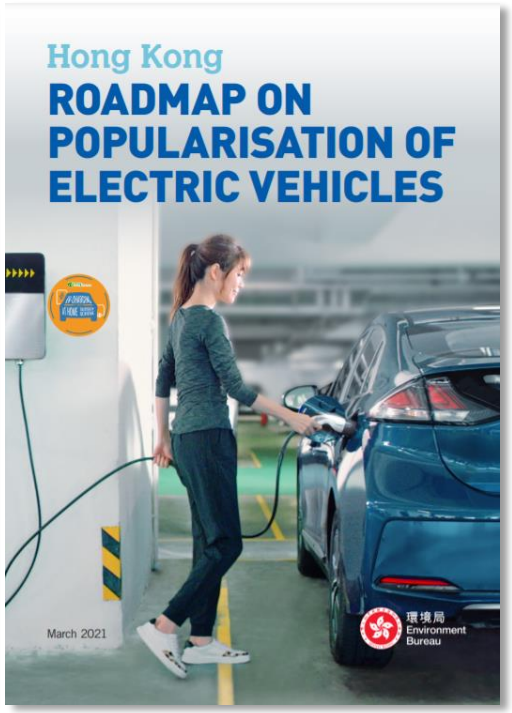
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Electricity



Transport



Waste



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New “Waste Blueprint for Hong Kong 2035”



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New Vision





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Medium-Term Target







40-45%

~55%

By implementing charging for disposal of municipal solid waste (MSW), to gradually reduce per capita MSW disposal rate by 40-45%, and increase the recovery rate to about 55%

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Long-Term Target



By developing adequate waste-to-energy facilities, to move away from the reliance on landfills in the long run



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2013-20 Achievements



Waste Reduction

Introduction of various Producer Responsibility Schemes (PRSs) to promote "eco-responsibility"

PLASTIC SHOPPING BAGS

the 1st year of implementation (2015)

⬇25%

WEEE

recycling quantity (2017-19)

⬆x6

GLASS CONTAINERS

recycling quantity (2017-19)

27,600 tonnes

PILOT SCHEME ON REVERSE VENDING MACHINES

Jan 2021

60 units

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2013-20 Achievements



Waste Separation

Expansion of the community recycling network, establishment of Green Outreach for on-site support, and launching of a number of central collection services for recyclables







2013-20 Achievements



Industry Support

Recycling industry supported through EcoPark and Recycling Fund



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2013-20 Achievements



Education and Publicity

Public participation mobilised in publicity and educational activities on waste reduction and recycling



Resources Circulation

Development of waste-to-resources/energy infrastructure



WEEE·PARK
Commenced operation in 2018

WASTE REDUCTION

Reverse vending machine





Reduce and Recycle 2.0



Food Wise Hong Kong Campaign

EDUCATION AND PUBLICITY

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Waste-to-Energy / Resources



T·PARK
Commenced operation in 2015



Food Waste/Sewage Sludge Anaerobic Co-digestion Trial Scheme
(Tai Po Sewage Treatment Works)
Commenced operation in 2019





O·PARK1
Commenced operation in 2018

RESOURCES CIRCULATION



I·PARK
Under construction

O·PARK2
Under construction





Y·PARK
Under construction

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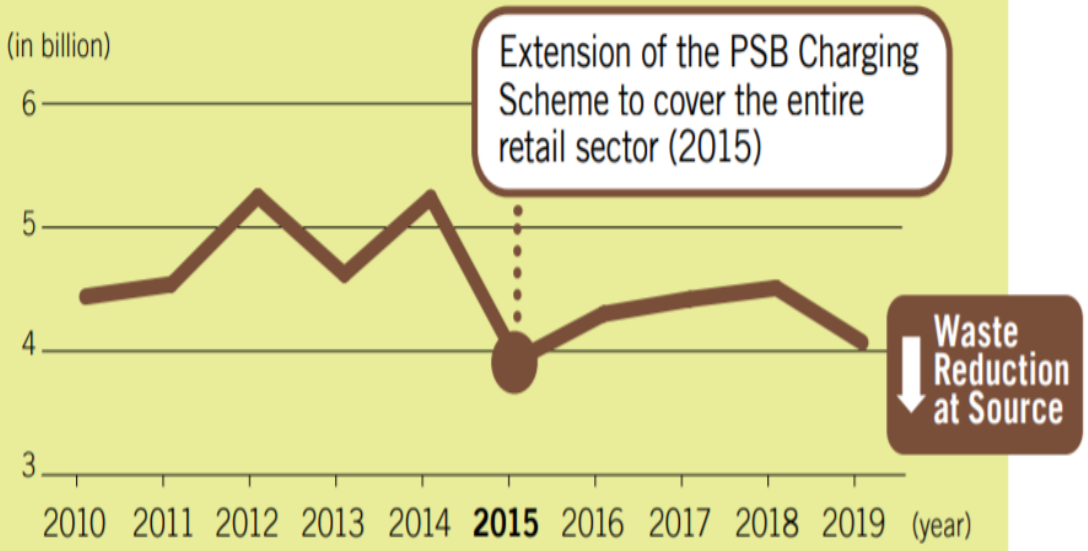
2013-20 Waste Reduction



PSB Charging Scheme

The total number of PSB disposed of in 2015 (i.e. within the first year of full implementation of the Scheme) reduced by 25%.

FIG 1: Number of PSB Disposal



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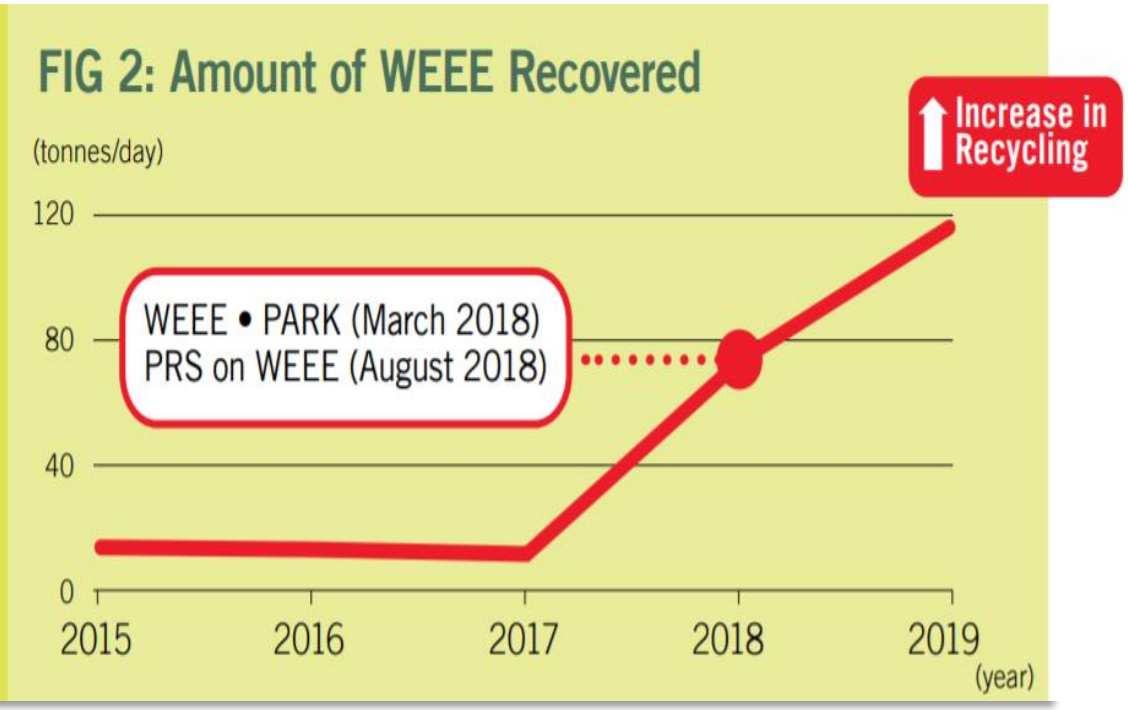
2013-20 Resources Circulation



PRS on Waste Electrical and Electronic Equipment (WEEE)



With the implementation of PRS on WEEE in 2018, underpinned by the full operation of WEEE•PARK in the same year, the amount of WEEE recovered locally increased by six folds as compared with that in 2017.



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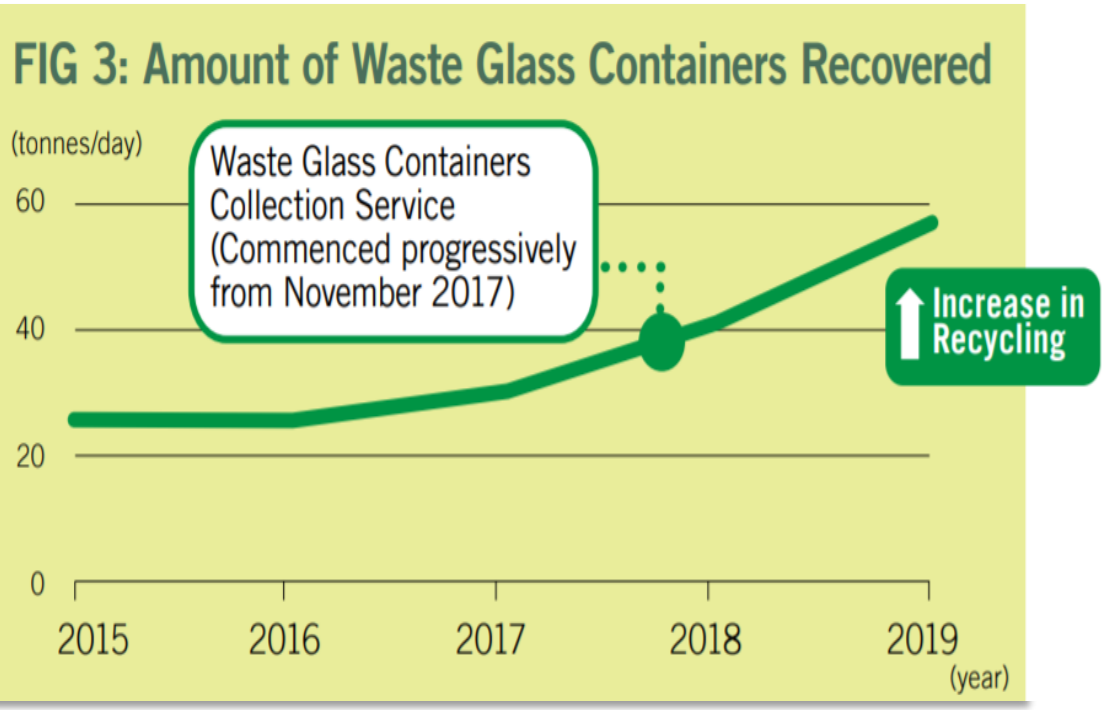
2013-20 Resources Circulation



PRS on Glass Beverage Containers



To dovetail with the implementation of the PRS on glass beverage containers, we have progressively started to provide collection and treatment service of waste glass containers since November 2017. Up to 2019, 27 600 tonnes of glass containers have been collected and treated.



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Looking Ahead





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Looking Ahead

Waste Reduction

- Implement MSW charging
- Fully implement PRS on glass beverage containers
- Implement PRS on plastic beverage containers
- Regulate the use of disposable plastic tableware by phases and explore the need of handling other single-use plastics



Waste Separation

- Strengthen the community recycling network
- Expand food waste collection and recycling
- Implement waste paper collection and recycling
- Expand waste plastics collection and recycling



Resources Circulation

- Enhance waste-to-energy and food waste treatment capability
- Facilitate the setting up of paper pulping facility
- Develop Y • PARK to recycle yard waste
- Develop construction waste sorting facility



Industry Support

- Enhance the operation of the Recycling Fund
- Expand EcoPark
- Expand green procurement
- Support green employment



Innovation and cooperation

- Set up Green Tech Fund
- Promote application of innovative technologies to enhance efficiency of waste reduction and recycling
- Explore adoption of innovative technologies to treat food waste more effectively
- Exchange with other Greater Bay Area cities on development of "zero waste city"



Education and Publicity

- Launch educational and promotional campaigns on waste reduction and recycling
- Extend Green Outreach service to all districts
- Promote "plastic-free" culture to reduce the use of disposal plastic tableware
- Collaborate with the trade in reducing the use of plastic packaging materials



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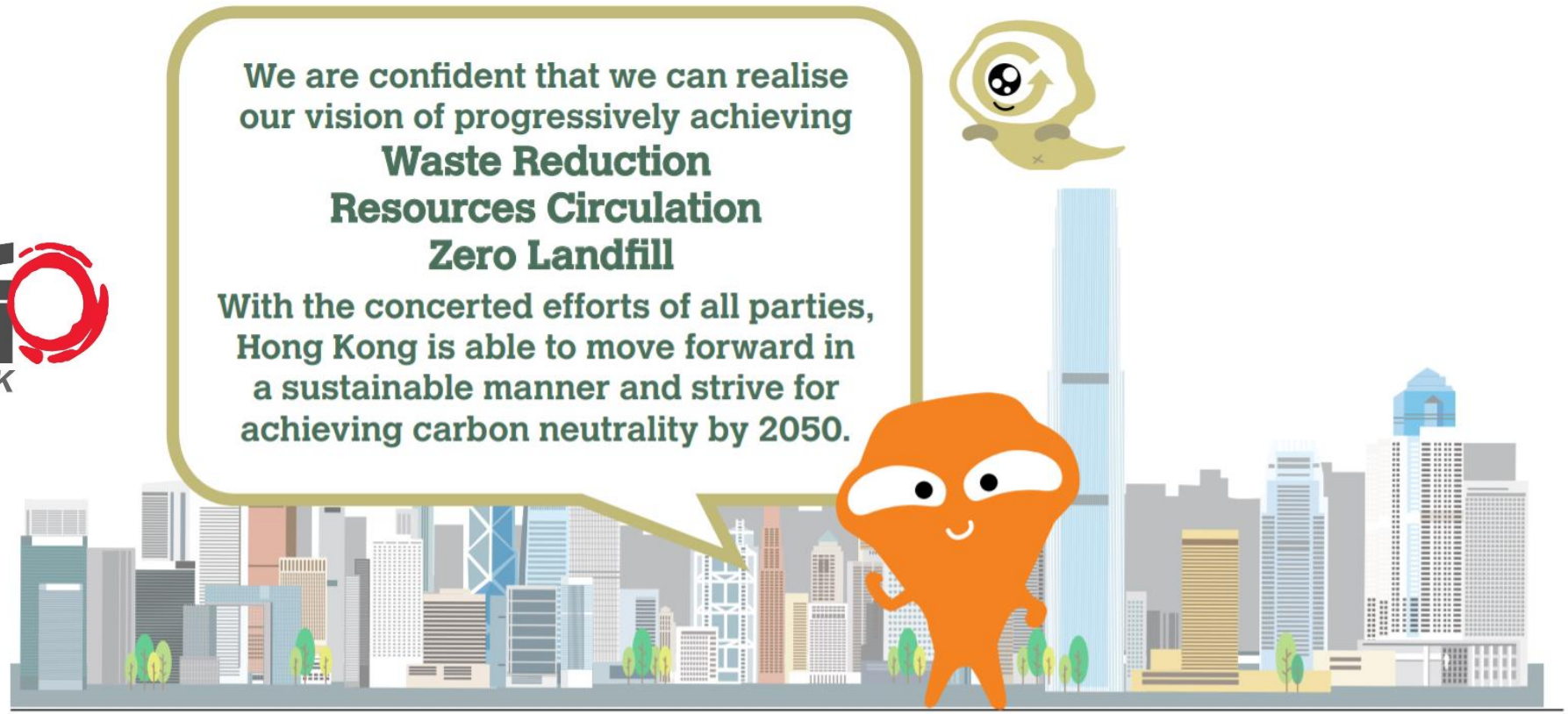
Looking Ahead



Waste Reduction
Resources Circulation
Zero Landfill

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