



# Sustainable Practices for Reducing Waste Footprint

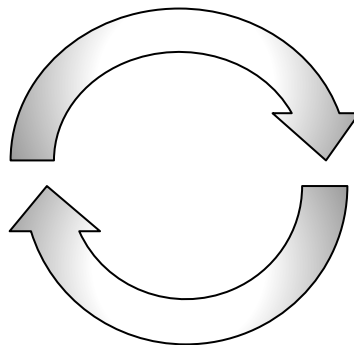
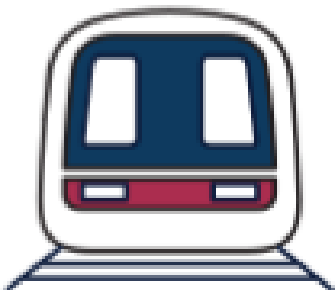
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# MTR's Vision

We aim to be an internationally recognised company that connects and grows communities with caring, innovative and sustainable services

Environmentally friendly  
transportation system



Community  
development



# Our Environmental and Social Objectives

Our aspiration is to

## Keep Cities Moving sustainably

By committing to managing our business sustainably with best-in-class governance, we aim to help individuals and communities thrive, and contribute to the fight towards climate change



### GREENHOUSE GAS EMISSIONS

operating a low-carbon transport network and further reducing our greenhouse gas emissions



### SOCIAL INCLUSION

providing inclusive mobility and promoting greater diversity in our work environment



### ADVANCEMENT & OPPORTUNITIES

fostering social mobility, empowering individuals and supporting the growth of communities



# Our Environmental and Social Objectives and KPIs

## 2022 KPIs

- 60% of our staff canteens will send food waste to O•Park for treatment in 2022
- 25% of our shopping mall F&B tenants will join our food waste reduction programme in 2022
- 5 additional water dispensers will be installed in our stations in 2022

## 2023 KPIs

- Over 75% of our managed residential properties will collect glass containers for recycling in 2023
- 100% shopping malls will collect glass containers for recycling in 2023
- 8 additional water dispensers will be installed across stations in 2023-24



### Environmental and Social Objective 3: Greenhouse Gas Emissions Reduction

As a low-carbon transport provider, we are committed to managing our environmental footprint and achieving carbon neutrality.



#### Carbon Emissions

We commit to integrating low-carbon measures into our policies, strategies and planning as well as strengthening our resilience and adaptation to climate-related risks



#### Clean Energy & Energy Efficiency

We commit to adopting suitable energy efficiency measures in our operations and increasing the generation of renewable energy



#### Waste Management

We commit to reducing waste at source, increasing our recycling rates and upcycling our waste

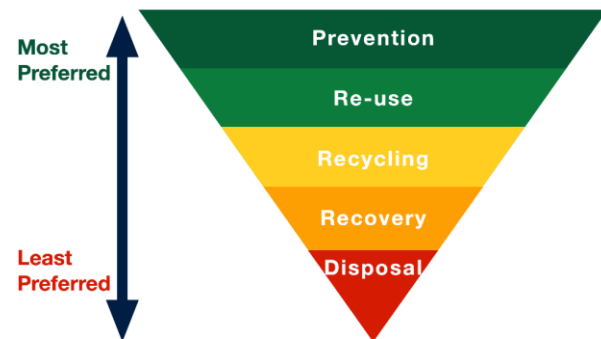


#### Green and Low-carbon Designs

We commit to developing sustainable infrastructure with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies

# MTR's Waste Management Approach

- As a responsible public transport provider serving millions of passengers, MTR will reduce our waste footprint through:
  - waste reduction / avoidance at source
  - recycling
  - upcycling of resources



# Portfolio of Premises

- Railway operations
  - Stations & depots
- Properties
  - MTR Malls
  - Leased offices
  - Residential properties
- Administration buildings and offices



# Waste Reduction Initiatives

- Free drinking water dispensers and water vending machines are installed in MTR stations
- Produced a video to raise public awareness on reducing the use of single-use plastic beverage bottles in collaboration with Drink Without Waste
- Participate in “Umbrella Bags Reduction Accreditation Program” to reduce the use of disposable umbrella bags at main office buildings and shopping malls
- Support the 1<sup>st</sup> ever closed loop reusable food packaging pilot programme in HK funded by the ECF and co-organised by the WWF-HK and Foodpanda





# Plastic Reduction Campaign

Encourage F&B tenants to reduce single-use plastic tableware:

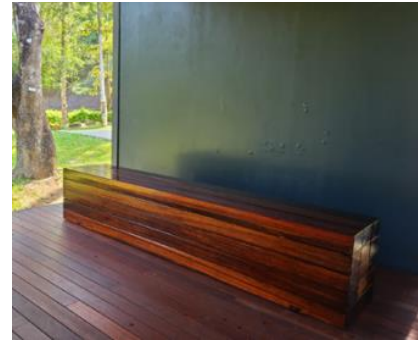
- Launch Environmental Protection Pledge with over 280 takeaway F&B shops committed to avoiding the provision of disposable tableware and usage of polystyrene
- Collaborate with WWF-HK and Foodpanda to provide a self-service reusable food containers lending machine at Hong Kong Station
- Encourage takeaway F&B tenants to accept customers bringing their food containers
- Introduce green clauses to the tenancy agreement





# Upcycling Initiatives

- Partner with a local company to upcycle 8,300 tons of spoil ballast for producing ~4.4 million pieces of eco-pavers
- Retired timber sleepers upcycled to benches in country park, Hoi Ha Marine Park Visitor Centre and Mai Po Nature Reserve



# Upcycling Initiatives

Support circular economy through facilitating recycling and upcycling of resources:

- Launched Legacy Train Revitalisation Programme in 2021 to upcycle retired trains compartments / components
- > 500 pieces of train parts were put into different uses for the society

Donation to schools



Arm-stretching equipment at elderly homes



Train-themed classroom



New landmark in Wan Chai Harbourfront



# Sales of MLR Straphanger

- Via MTR Mobile and MTR e-Store
- Sold 380 pcs straphangers
- Donated the proceeds to a green group



# Recycling Initiatives

- Provide Reverse Vending Machines at MTR Malls to collect plastic beverage bottles for recycling
- Install smart bins to facilitate waste separation and food waste recycling at managed property
- Participate in various EPD's schemes
  - Pilot Scheme on Food Waste Collection & Glass Bottles Recycling Pilot Scheme at MTR Malls
  - Green Collect programme to support recyclables collection for managed residential properties
- Collect food waste from all staff canteens for recycling





# GREEN@TSING YI

- 1<sup>st</sup> EPD's recycling store in MTR station
- Facilitate clean recycling
- Trial collaboration of Carbon Wallet with EPD's GREEN\$ – members can convert GREEN\$ points into CW points to redeem green rewards



# Public Engagement

- Launch **Carbon Wallet app** to promote green lifestyle to public
  - Provide useful information / tips to facilitate waste reduction & recycling efforts
  - Users can earn points for participation in recycling
- **Green T Baby** – MTR's green ambassador



## Happenings



# Staff Engagement

- Provision of recyclables collection points in office buildings, e.g. paper/plastic/metal, beverage cartons, coffee capsules
- Conduct various waste related activities
  - 2<sup>nd</sup>-hand clothes collection
  - Mooncake donation
  - CNY food donation
  - Lai see packets reuse and recycle programme
- Launched Zero Waste Challenge to engage colleagues in reducing and recycling waste





# Green Week

- Conducted 35 sessions of Green and Upcycling Workshops

Recycled Glass Lamp



Brewing with Bread



Food Waste Bracelet



Eco-enzyme Detergent



Fabric Scraps Coin Purse



- Waste-related seminar
  - Green etiquette – share waste management best practices and green tips for proper recycling
- Green experience
  - Mil Mill Eco Bus
  - Green Missions



## Carbon Wallet Green Missions Lucky Draw for Supermarket Coupons!



# THANK YOU

