



DECARBONISING OUR LAND TRANSPORT

Land transport is the 3rd largest carbon emitter, with emissions peaking in 2016. LTA aims to **more than halve our emissions** from the peak in 2016 by 2040, supported by **6 green strategies**.

GREEN COMMUTES



Encouraging the switch to walking, cycling and taking the public transport

GREEN VEHICLES



Driving our vision of 100% cleaner energy vehicles to reduce emissions

GREEN INFRASTRUCTURE



Adopting a sustainable approach in the planning, design, and building of our infrastructure and assets

GREEN OPERATIONS



Reducing utilities consumption and increasing the deployment of renewable energy

GREEN OPPORTUNITIES



Cultivating an innovation ecosystem and adopting green financing

GREEN COMMUNITIES



Co-creating ideas and solutions together to amplify green efforts

MOVING LITE ON PUBLIC TRANSPORT

Public transport is key to sustainable urban development and carbon reduction efforts. We are committed to **minimising environmental impacts** while expanding the public transport network for **safer, inclusive, and accessible journeys**.



GREEN

23/24 Sustainability Report

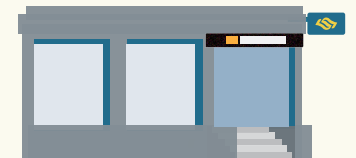


BUILDING A GREENER FUTURE

Sustainability drives land transport planning, design, and construction, focusing on **reducing utility consumption** and **using greener materials**. We embed safety and inclusivity features in road infrastructure development.

GOVERNING AN EXCELLENT ORGANISATION

LTA prioritises the **safety and well-being of our people** while striving to reduce environmental impacts from office premises, uphold **integrity and ethics**, and foster continuous learning and professional growth.



LTA's Role in Greening the Public Sector:

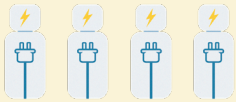
LTA and EV-Electric (EVe), introduced a Whole-of-Government (WOG) EV charger deployment model to streamline charger installation across WOG carparks. The first tender, covering 20 carparks, was launched in May 2024, with more planned for late 2024 and beyond.

For more information, please refer to our [complete report](#)

HIGHLIGHTS FROM 2023

Decarbonising our Land Transport

More than **20% growth** in the number of **EV charging points** to **>6,100**



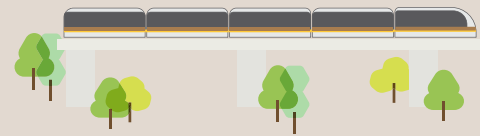
18% of total car registrations are **EVs**



Expanded **cycling network** to **>600 km**



Moving Lite on Public Transport



Opened **Thomson-East Coast Line Stage 4 (TEL4)**, adding **10.8 km** to Singapore's rail network

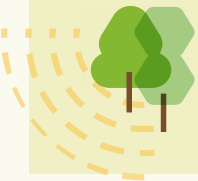
Procured **420 electric buses** to be deployed from December 2024

Awarded contracts for the deployment of **electric bus charging systems** in **3 new bus depots**



Building a Greener Future

At least **50%** of **reinforcement steel** used in Cross Island Line Phase 2 (CRL2) will be **green steel**



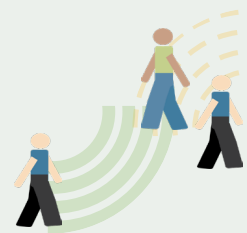
Up to **575 tonnes** of **plastic waste** will be upcycled by adopting plastic-asphalt mix



Up to **1,700 tonnes** of **carbon emissions saved** by adopting **Carbon Mineralised Concrete**

Governing an Excellent Organisation

Engaged **>44,000 students** on greener commutes



Achieved **ISO 37001:2016 certification** for Anti-Bribery Management System

Achieved target of **<0.44 Accident Frequency Rate (AFR)** at LTA Project Sites

