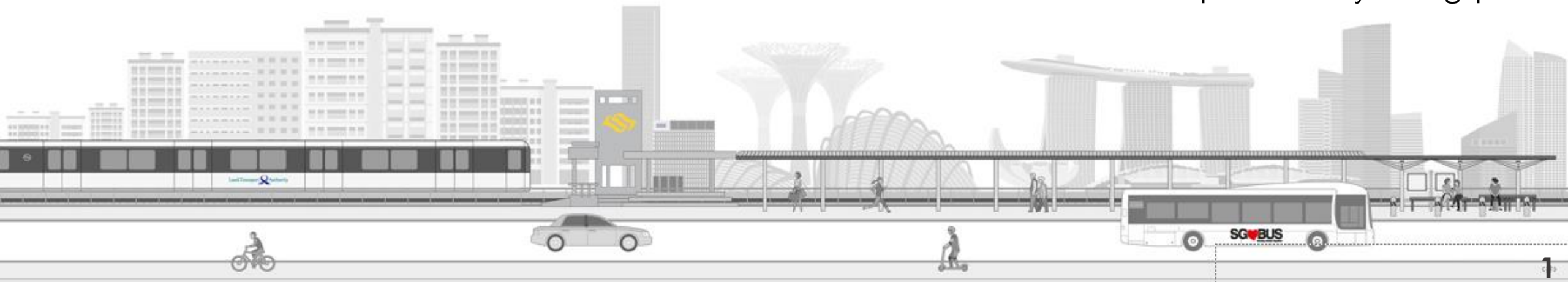


14th Public and Private Joint Forum

30 November 2023

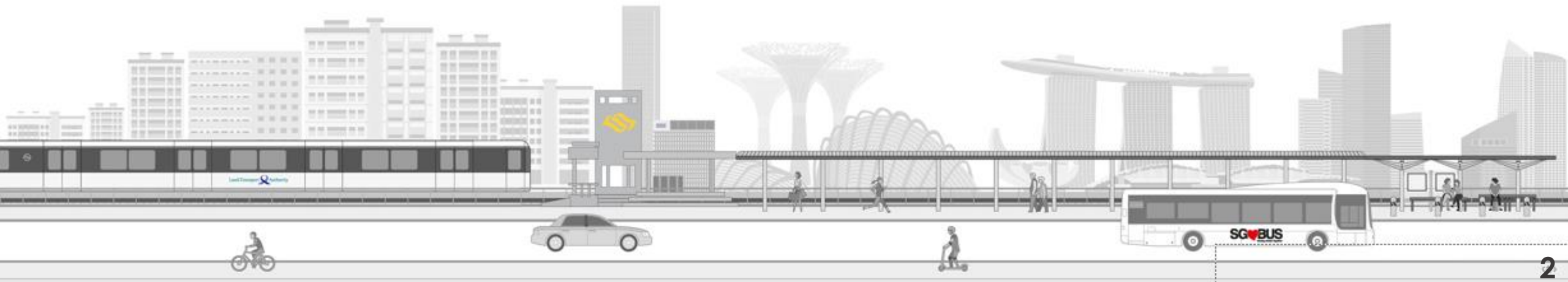
Country Report of Singapore

Presented by:
Land Transport Authority of Singapore

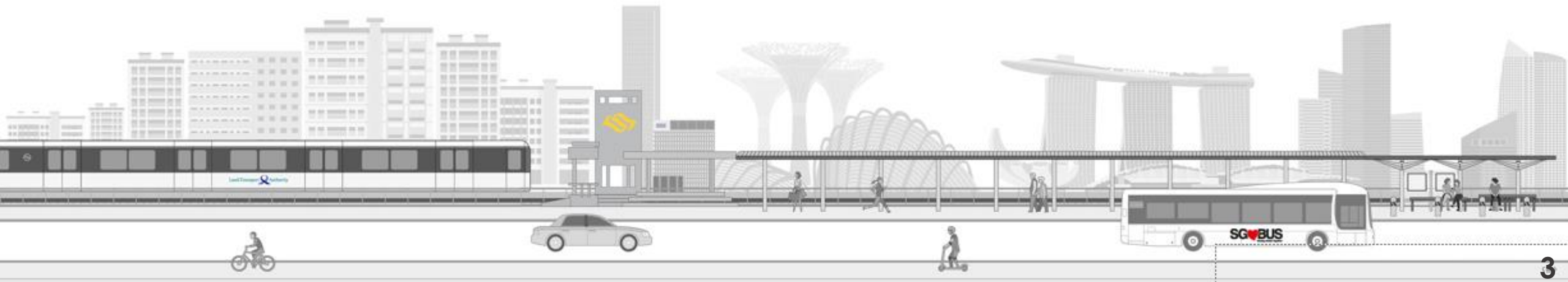


Outline

- Singapore's goal to achieve net zero emission by 2050
- Recent adoption of new regulations
- Implementation of safety measures to improve road safety



Singapore's goal to achieve net zero emissions by 2050



As part of Singapore's overall effort, LTA has set out its own target to account for cleaner transport infrastructure

Vehicle electrification is a key mover as part of the overall's effort



2050

Achieve net-zero emissions

2040

100% vehicles on clean energy system

2030

All new car/taxi registrations to be of cleaner energy models

2025

No new registration of diesel car



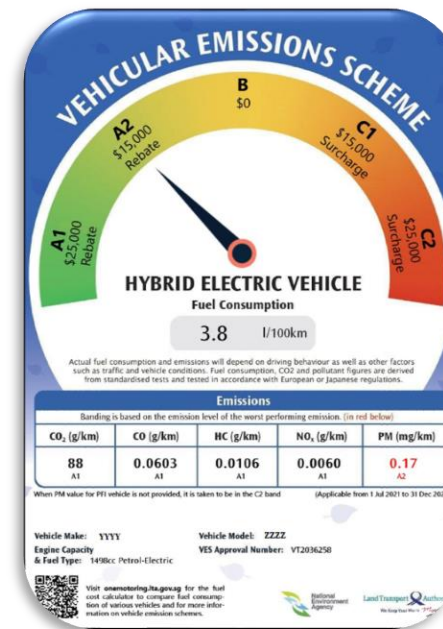
EV adoption in Singapore has been gaining momentum

- Electric cars represented about 15.2% of all new cars registered between January and July 2023
 - Electric car registration has risen steadily on a monthly basis from January 2023, to reach 20% and 23% of new car registrations in July and August 2023 respectively
 - This compared with a share of 18.5% in June 2023, and 11.7% at the end of 2022
- Electric commercial vehicles represented about 52.5% of all light commercial vehicles registered between January and May 2023, continuing a trend seen in the first quarter of 2023

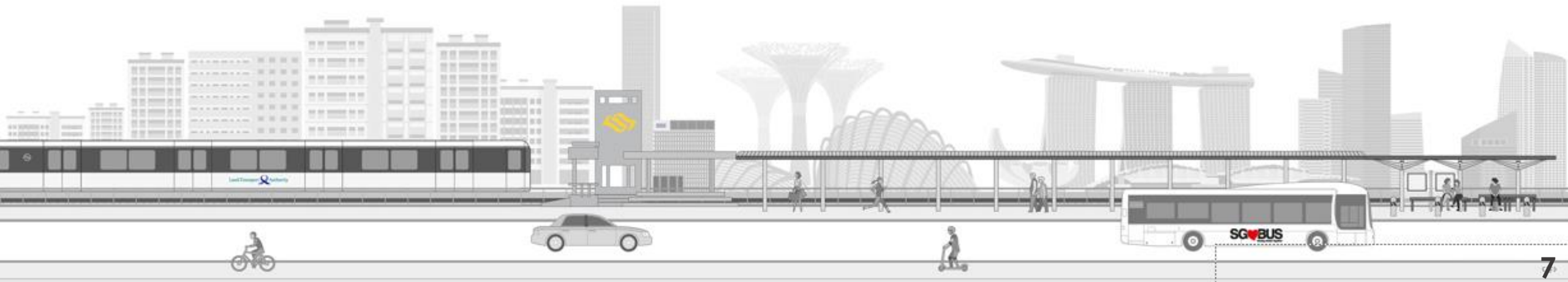


Encourage EV adoption

- Incentivize potential EV owners via the various schemes:
 - **EV Early Adoption Incentive**
45% off Additional Registration Fees for EVs
 - **Enhanced Vehicular Emissions Scheme**
Offer higher rebates for cleaner Cars
 - **Commercial Vehicle Emissions Scheme**
Offer higher rebates for cleaner LGVs



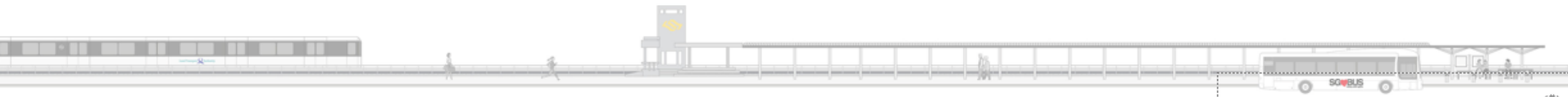
Recent Adoption of New Regulations



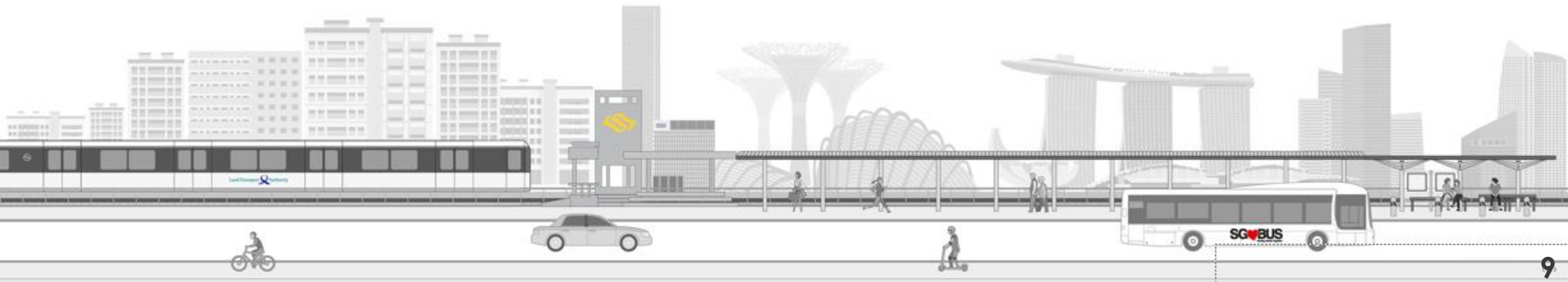
Adoption of UN Noise Standards



- The National Environment Agency (NEA) of Singapore has adopted the UN noise standards for all newly registered passenger cars and motorcycles
- From **1 April 2023**, passenger cars and motorcycles must comply with UN R51-03 and UN R41-04 respectively, before they can be registered
- Similarly, NEA will be adopting the UN noise standards on **1 April 2024** for commercial vehicles, and they must comply with UN R51-03 before they can be registered



Implementation of safety measures to improve road safety



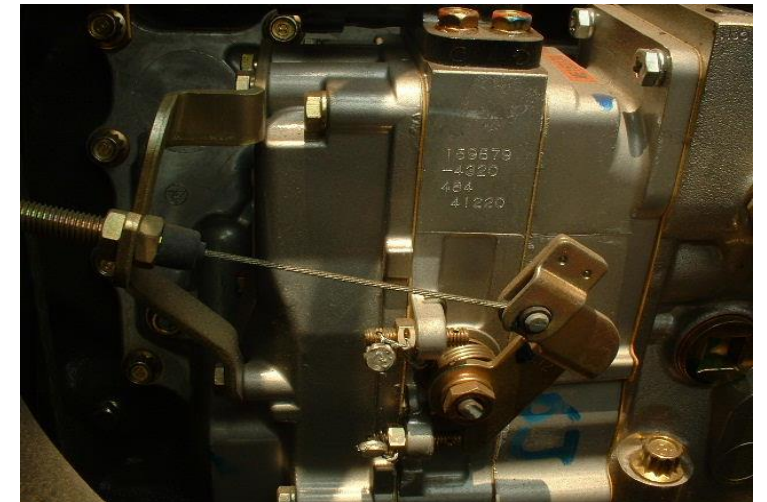
Speed Limiter for Lorries



**SINGAPORE
POLICE FORCE**
SAFEGUARDING EVERY DAY

- Currently, LTA requires Light Goods Vehicles (LGV) of Maximum Laden Weight (MLW) not exceeding 3,500kg to be fitted with speed warning devices* while the Traffic Police (TP) requires those heavy ones of MLW above 12,000kg to be fitted with speed limiters
- To further improve road safety, TP has on 3 November 2023 announced that lorries with MLW of between 3,501kg and 12,000kg would be required to be installed with speed limiters
 - ensure that such lorries do not go beyond the speed limit of 60km/h

*consists of a lamp and a sound emitting buzzer installed in front of the driver that give visual and audio warning to LGV drivers when they travel above the vehicle speed limit



Speed Limiter for Lorries



**SINGAPORE
POLICE FORCE**
SAFEGUARDING EVERY DAY

- From 1 January 2026, newly-imported lorries with MLW between 3,501kg and 12,000kg must be equipped with speed limiters before they can be approved and registered for use on public roads
- For existing lorries, installation will begin from 1 January 2024 and will be given a lead time of 2 to 3 years to install speed limiters

| Category | MLW (kg) | Date from which requirement applies |
|---|----------------|-------------------------------------|
| Older models of lorries (Registered before 1 Jan 2018) | 5,001 – 12,000 | 1 Jan 2026 |
| | 3,501 – 5,000 | 1 Jul 2026 |
| Newer models of lorries (Registered on or after 1 Jan 2018) | 5,001 – 12,000 | 1 Jan 2027 |
| | 3,501 – 5,000 | 1 Jul 2027 |



Thank you

