


**HOW DO WE
ENSURE A
LIVEABLE CITY?**



WHAT IS THE GOAL OF OUR
LAND TRANSPORT REVIEW?



TO ENSURE
WE'VE A
LIVEABLE
CITY.

HOW ARE WE
GOING TO
ACHIEVE THIS?

BY MAKING
PUBLIC TRANSPORT
YOUR OTHER CAR.

Our land transport goal is to ensure that even as our country and population grow, we remain a liveable city.

By 2020, daily journeys are expected to increase by 60%.

That's 14.3 million journeys a day compared to today's 8.9 million.

This city is already the second most densely populated in the world.

As it continues to prosper, more people will come to live, work and play here.

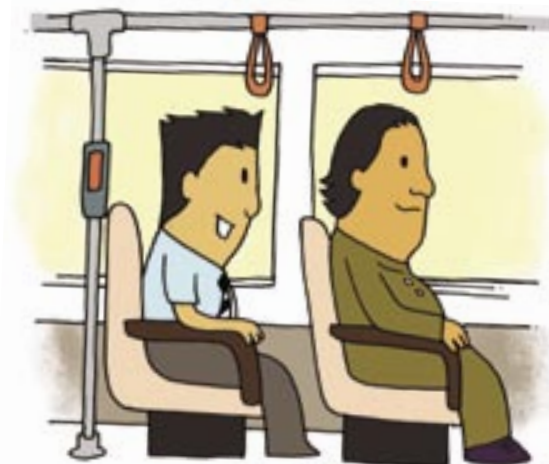
That's why we need to make big improvements to public transport, ensure roads are not caught up in jams, and everyone's needs - including those of pedestrians, cyclists, the elderly, the disabled, and the poor - can be met.

It's important for us to do these so that you can enjoy a high quality living environment.



To keep our roads smooth-flowing and improve our public transport system, we need solutions - not just for one form of transport but also for all - buses, trains and cars.

So whether you commute by bus, train or car, these measures will benefit you.

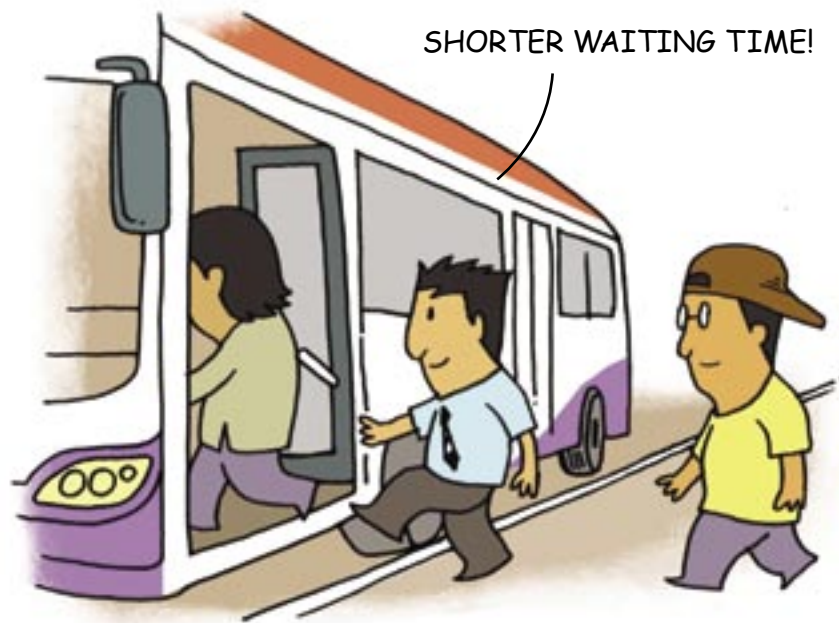


IF YOU USE THE BUS

You've got a place in mind to go?

We've got you in mind from the moment you step out of your house, up the bus, and down to your destination.

Here's what we're doing to make your bus ride faster, smoother, and more pleasant.



Shorter waits

We'll take over bus planning from the operators so that bus routes will be worked out based on what's most convenient to you.

This will mean that buses will connect quickly and easily to trains at interchanges, and waiting time will be cut down with coordinated bus and rail schedules.

From August 2009, at least four in five buses will run every 10 minutes or less during peak hours, compared to today's 15 minutes.

There'll also be more frequent and direct feeder services, so you can get to MRT stations and bus interchanges in less time.

On roads affected by ERP, we'll make sure that buses come more frequently during peak hours - from 15 minutes to 12 minutes by June 2008, and 10 minutes by August 2009.



No transfer penalty

By end 2008, we'll introduce a season pass for basic bus and rail services. This makes it convenient for you as you can use a single pass for travel on our bus and rail services, regardless of operators.

By 2009, your fare will be based on how far you travel on bus, rail, or both, irrespective of the transfers you make.

Faster rides

On the roads, buses will get priority.

To shorten your wait and journey, more full day bus lanes will be introduced so buses can move unimpeded.

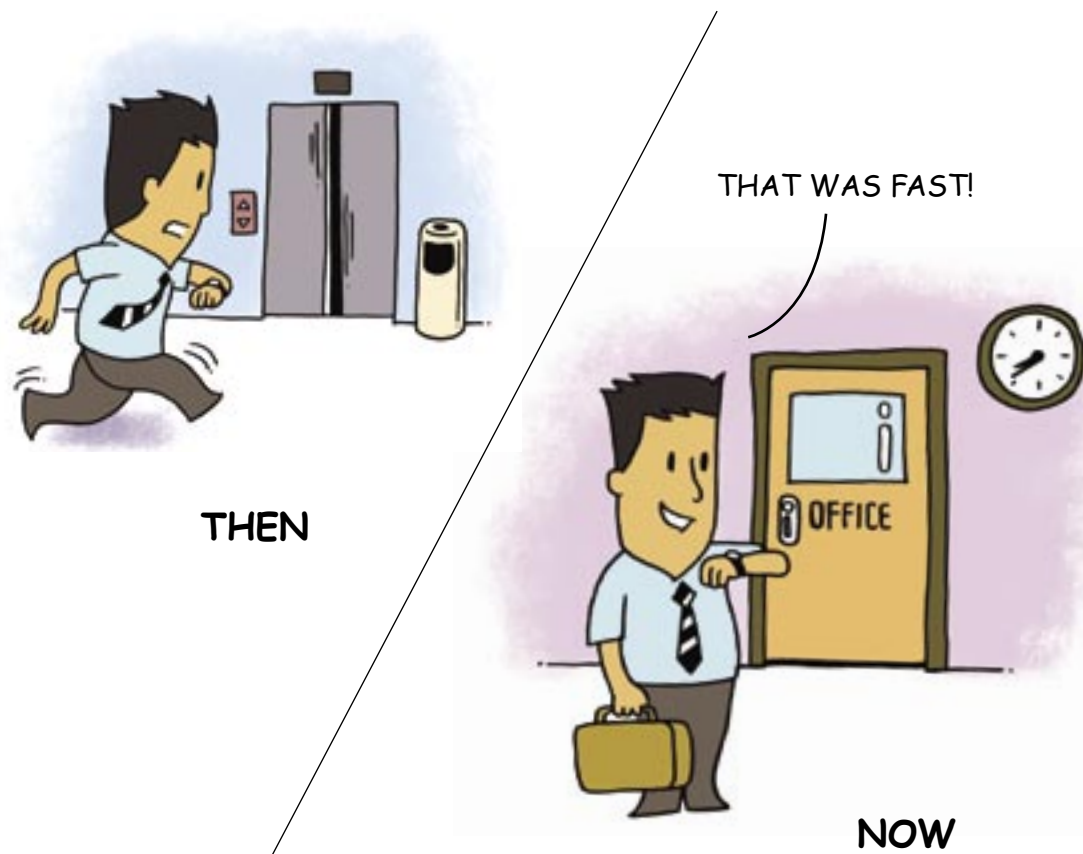
However, even with bus lanes, buses are sometimes slowed down by left-turning traffic at traffic junctions.

So by end 2008, buses will have the right-of-way over other vehicles turning left at some junctions.

At the same time, motorists must give way to buses exiting from some bus bays by end 2008.

With this, we hope to improve average bus speeds from 16-19kph today to 20-25kph by 2009, speeding up your travel and arrival time.

By 2015, we're looking to help more of you complete your journey within an hour.



More lifestyle hubs

More interchanges and stations will be transformed into lifestyle hubs, similar to those at Ang Mo Kio Hub, Raffles Xchange and Tanjong Pagar MRT station, where you can shop and have a meal before catching your train.

You can also look forward to more integrated transport hubs - where bus, rail and shops converge in Boon Lay (2009) and Clementi (2011); as well as Bedok, Jurong East, Serangoon, Joo Koon and Marina South over the next 10 years.

Better information

To help you find your bus service, all 4,500 bus stops now have bus service information posters.

Real-time bus information panels have already been installed in Orchard Road and housing estates. More will be added in other parts of town.

If you're on the go, you can access real-time travel information by SMS, the internet or a hotline from July 2008.

And if you're looking to plan door-to-door travel, you can soon get details on bus routes, bus stops, rail stations, arrival information and landmarks through your computer or mobile device.



Keener competition

To keep our bus operators on their toes and ensure that they continue to raise standards, they'll now have to compete to serve you.

Or risk being replaced when their term is up.

More premium bus services will also be offered to give you more options.



IF YOU TAKE THE TRAIN

By 2020, if you live, work or play in the city, you'll be able to find an MRT station within 400 metres, on average.

That's a mere 5-minute walk!

Outside the city, more areas now not served by the MRT, like Sin Ming, Marine Parade, and Tuas, will soon get high-speed access to the city.

There'll also be a new line added almost every other year until 2020. This means more places will be served by MRT and your travelling time will be shorter.



Build new lines

From the heart of Marina Bay, a new MRT line, the Thomson Line, will travel northwards, through the Central Business District, Ang Mo Kio, and all the way to Woodlands.

It'll connect to estates like Sin Ming, Kebun Baru, Thomson and Kim Seng that do not now have a direct MRT link.

From Marina Bay, the Thomson Line will connect to the new Eastern Region Line.

The Eastern Region Line will serve Tanjong Rhu, Marine Parade, Siglap, Bedok South, and Upper East Coast, and link them to Changi in the east.

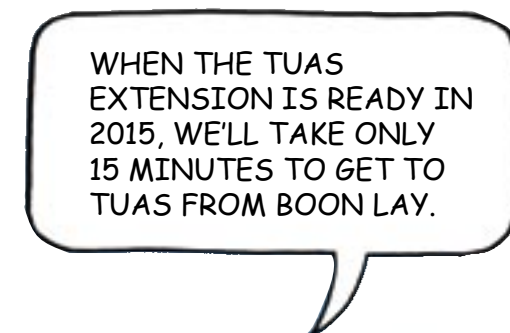
The Thomson Line will be ready in 2018, and Eastern Region Line in 2020.

Both lines will shorten your journey time and connect you to a wider rail network.

If you live in Sin Ming, you can nearly halve the 45 minutes that you now take to reach the city.

And a trip from Marine Parade to Marina Bay on the Eastern Region Line will take 20 minutes, almost as fast as going by car.

* The dates provided for the new lines are indicative only.



Extend existing lines

The North-South Line now ends at the Marina Bay station.

By 2015, we'll extend it 1km southwards to the Marina South area to serve developments there, like the new cruise terminal.

At the same time, the East-West Line will also be extended by another 14km to Tuas.

Getting to Tuas from Clementi, you now have to alight at Boon Lay station and take a 35-minute bus ride to get there.

With the Tuas Extension, to be completed in 2015, your journey will be reduced by 20 minutes.

WE NOW HAVE 93 MORE TRAIN TRIPS A WEEK. GREAT!

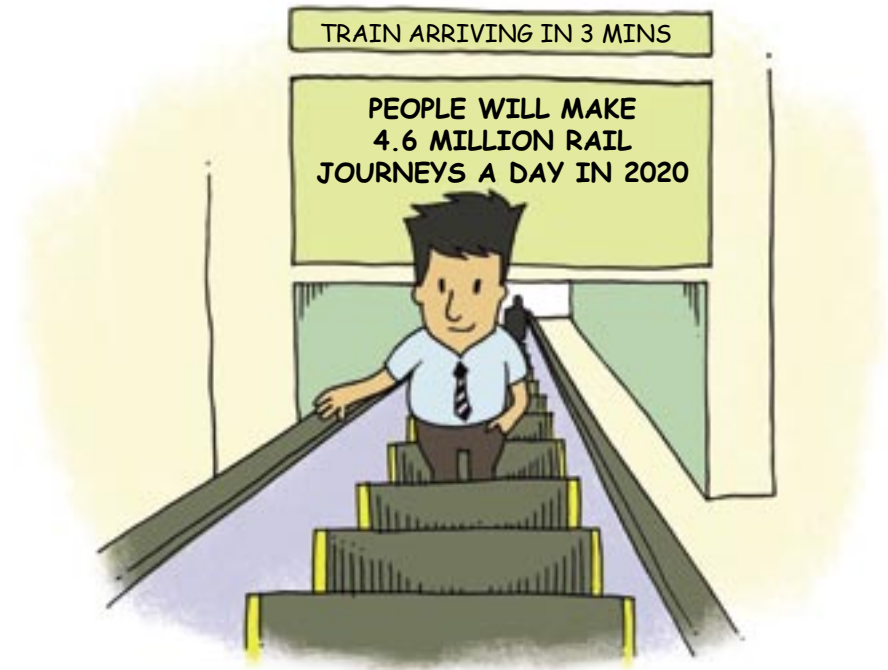


Reduce over-crowding

Since February 2008, 93 train trips a week have been added on the North-South, East-West, and North-East lines during the morning and evening periods.

More trips help make for less crowded trains and reduce your waiting time by 10-15% during peak hours.

Over the next four years, we'll upgrade the system so that train frequencies will be further improved on the existing North-South and East-West lines.



Double the network

In 2020, when the Boon Lay Extension, Circle Line, Downtown Line, Thomson Line, Eastern Region Line, Tuas Extension and the North-South Line Extension are all completed, the rail network will double from 138km to 278km.

This will mean a rail density of 51km per million persons, exceeding that of Hong Kong and Tokyo.

Complete earlier

If you're a resident of Bedok Reservoir or Tampines, you'll be glad to know that we're bringing forward the completion of the Downtown Line from 2018 to 2016.

Likewise, we'll open the Circle Line Stage 3 in mid-2009, instead of 2010.

The Circle Line Stage 3 connects Bishan on the North-South Line, and Serangoon on the North-East Line, and opens up new connections for residents in the north and north-east.



Install platform screen doors

To keep commuters safe, we'll be installing platform screen doors, starting 2009 at stations in Yishun, Jurong East and Pasir Ris, and at all above-ground MRT stations by 2012.

Introduce more competition

Rail operators, like bus providers, will also have to compete to serve you.

Again to keep them on their toes, the current 30-year licence will be shorter in the future.



IF YOU CHOOSE TO DRIVE

With the many new bus and rail improvements, we hope more people will take public transport.

But if you choose to drive, we've measures in place to make your journey smoother and faster.

New expressways

The Kallang-Paya Lebar Expressway will be fully opened in September 2008.

If you live in the north-east, travel time to the city will be cut by up to 25%.

Meanwhile, the Marina Coastal Expressway is on track for completion by 2013, and the North-South Expressway around 2020, which will cut travel time from the north to the city by nearly a third.

Wider expressways

To keep traffic moving smoothly, we'll also widen the CTE and TPE.

LAST YEAR IN THE U.S.,
MOTORISTS SPENT
ALMOST 4.2 BILLION
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THAT'S ENOUGH TIME TO FILL
65 MILLION IPOD NANOS WITH
MUSIC, AND ENOUGH FUEL WASTED
TO FILL 58 SUPER TANKERS.



Enhanced ERP

More and wider roads will not guarantee
smooth traffic.

This is because additional lanes and new roads
attract more traffic, and congestion soon returns.

Last year in the U.S., motorists spent almost
4.2 billion hours stuck in jams. That's enough time
to fill 65 million iPod Nanos with music, and enough
fuel wasted to fill 58 super tankers.

It's not something we want in Singapore.

That's why we manage traffic through ERP.

ERP is fair as it's a "pay as you use" system if
you choose to drive on a congested road during
peak hours.

As more and more Singaporeans own cars, it's
clearly impossible for all of them to drive their
cars, all the time, to and from work.

That's why we're improving our public transport to
encourage Singaporeans to take the bus or train,
rather than drive.

SO THAT'S
HOW ERP
WORKS!



The more cars there are on the road, the more
extensive the ERP coverage and charges have to
be for us to maintain smooth-flowing traffic and
a quality living environment.

From July 2008, more gantries will be put up in the
city starting with the CBD to reduce traffic here.

ERP charges will be adjusted by \$1 instead of
50 cents, while the starting charge at new gantry
points, will go up from \$1 to \$2.

These changes will make the ERP more effective,
and ensure that with each adjustment, you'll see
a visible improvement in traffic flow, should you
choose to drive.

ROAD TAX IS REDUCED
BY 15% FOR ALL VEHICLES,
INCLUDING TAXIS, FROM
JULY 2008.



Lower taxes

As we rely more on usage charges, we'll lower vehicle ownership taxes.

Since March 2008, the Additional Registration Fee (ARF) for cars has been reduced to 100% of Open Market Value (OMV).

We'll also reduce road tax by 15% for all vehicles, including taxis, from July 2008.

In total, this will cost the government about \$310 million a year. This is more than the additional ERP revenue of \$70 million a year.

This goes to show that higher ERP charges are to address congestion, and not to raise revenues.

Slower growth

As we expect road growth to slow down to 0.5% per year over the next 10 to 15 years, we cannot continue with the current 3% growth in vehicle population.

Starting May 2009, the number of vehicles will be allowed to grow by 1.5% per year instead of the current 3%. But we'll review this target in three years' time to ensure vehicle growth does not outpace road growth.



Some people have suggested that we leave tough car measures for later.

They reason that we can build more roads to solve the problem.

Not so.

Even if we build more roads and some of you use more of public transport, others will soon take your place, attracted by the smooth-flowing traffic.

And very soon, these roads will be congested again.

That's why we need to also curb excessive car use.

But we'll be going all out at the same time to improve public transport so you can have a choice.



Even as we improve our bus and rail services, we want to make sure that these services can be used by all - including elderly commuters, families with young children, people with disabilities, and the poor.

How can we meet these diverse needs and make transport accessible to all?



FOR PEDESTRIANS

We'll build more shelters for link-ways and pedestrian overhead bridges so you can walk in comfort to bus stops and MRT stations.

Facilities like pedestrian walkways, MRT entry points, taxi and bus shelters, and public roads, will be barrier-free.

There'll also be tactile guides at pedestrian crossings for the blind.

FOR THE ELDERLY AND LESS MOBILE COMMUTERS



By 2011, seven in ten MRT stations will have lifts and two barrier-free entrances.

And by 2020, you'll be able to board all public buses in a wheelchair.



FOR THE NEEDY

We'll continue to provide help directly to the needy to ensure that they have access to public transport, through various government and community assistance schemes.



FOR TAXI COMMUTERS



Taxis will offer high-end door-to-door service to commuters who prefer to travel in comfort.

A common call booking telephone number for taxis will also be added by July 2008.



FOR CYCLISTS



We've noticed a growing interest in cycling.

So we'll add more bicycle parking facilities at MRT stations and bus interchanges in housing estates.

We'll also allow cyclists to carry foldable bicycles on to trains and buses, for a 6-month trial, starting March 2008.

And safety signs will be put up along frequently-used cycling routes like those in West Coast and Thomson, to warn motorists of cyclists.



**WE MUST ALSO
PROTECT THE
ENVIRONMENT**

Greater use of our trains, buses and non-motorised transport like bicycles, will help us reduce pollution.

It's important for us to play our role in making sure that our city does not choke on its own exhaust.

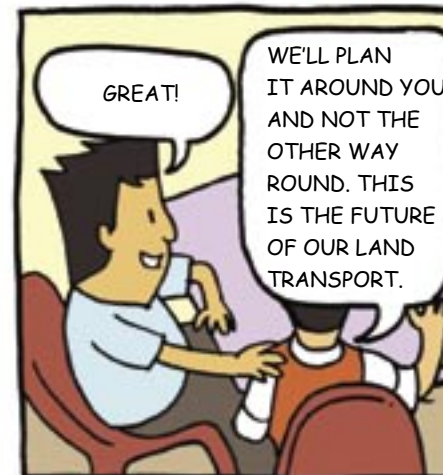
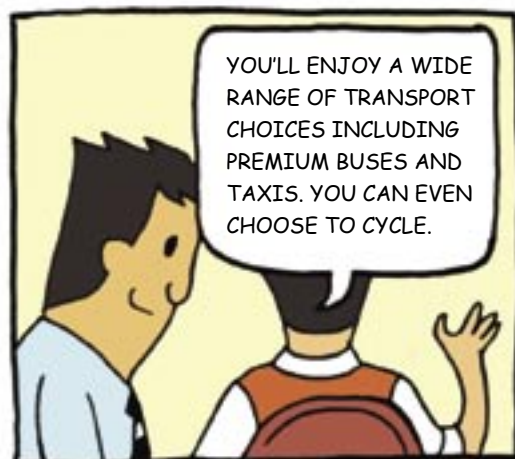
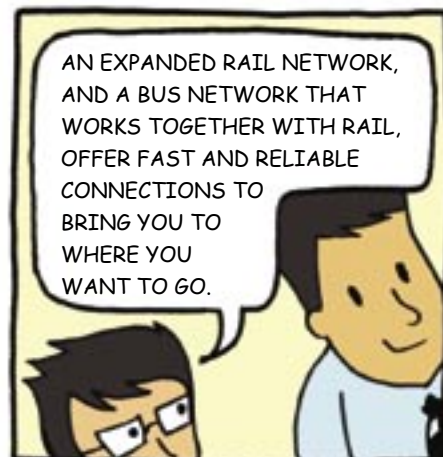
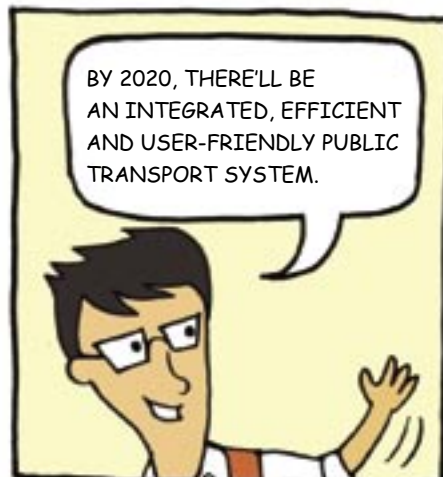
That's why by 2014, all taxis will comply with the much stricter Euro IV emission levels.

About 40% of public buses will achieve this target in 2010, and by 2020, 100% will do so.

And we'll continue to promote energy-efficient vehicles and cleaner fuels like CNG (compressed natural gas).



THE FUTURE



Many of these ideas have actually come from commuters like you - people who took the time to share their feedback through emails, web posts, letters and discussions, with us.

We want you to know that we'll continue to engage you, so we'll always be in touch with your changing travel needs, preferences and best interests.

So we look forward to your continued feedback. Together, we'll ensure a quality living environment for all to enjoy.

Feel free to email to feedback@lta.gov.sg or call 1800-CALL LTA (1800-2255 582).





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