

YOUR GUIDE TO SMART TRAVEL



CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

SMART TRAVEL

Smarter, more sustainable ways of getting around are making it easier to change our travel behaviour, offering cost savings, environmental benefits, less congestion on our roads and an improved quality of life in Cape Town.

It is the ideal time to reconsider how you and your family tackle the daily commute, and reduce the costs of getting around in your leisure time.

An illustration of a woman with dark skin and hair tied in a bun, wearing an orange long-sleeved shirt and blue pants. She is holding a large yellow sign with both hands. The sign has the text 'SUSTAINABLE DAILY COMMUTE' on it. She is standing in front of a blue rectangular background. The entire scene is set against a light blue background with stylized grey structures on either side.

**SUSTAINABLE
DAILY
COMMUTE**

HOW TRAVEL CONTRIBUTES TO CLIMATE CHANGE

Over the past 10 000 years, the average temperature on earth changed very little, but **in the last 100 years it has started to rise.**



Scientists have concluded that the cause of this global warming is the **increased concentration of greenhouse gases** in the atmosphere.



Most greenhouse gases are generated when fossil fuels, such as oil and coal, are burnt, releasing carbon dioxide (CO₂) into the atmosphere.



These gases help to trap heat in the earth's atmosphere, which in turn **warms the oceans and changes the wind and water currents as well as weather patterns.**



As the earth warms, **the polar ice-caps have started to melt**, causing sea levels to rise, and flooding low-lying areas, making them vulnerable in the future.



Over time, more extreme weather events are likely to take place.

Here in the Western Cape, the weather is expected to become drier and when storms occur they are expected to be more violent.





WHAT ARE FOSSIL FUELS?

Fossil fuels are very old fuels formed over millions of years into the oil and coal that meet many of our energy needs.

Oil is the fuel that powers most motorised vehicles and coal is burned to generate most of the electricity that powers South African homes and businesses.

Oil and coal are also known as nonrenewable sources of energy as one day they will run out. Concern about when this might happen, as well as the impact of climate change on the planet, is encouraging the shift to more sustainable sources of renewable energy.

MAKING THE RIGHT TRAVEL CHOICES

More than half of all energy in Cape Town is used for travel. This makes a large contribution to the city's greenhouse gas emissions, which cause climate change.

Air pollution from motorised transport also **contributes to respiratory and other diseases** that are found in congested cities with many private cars.

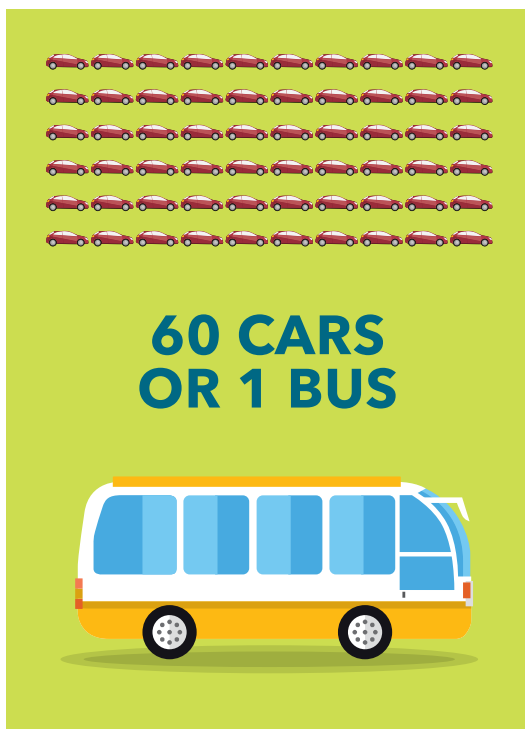
By choosing public transport, walking or cycling, you can reduce your own contribution to climate change, even if you are only able to sometimes make use of more sustainable modes of travel and transport.

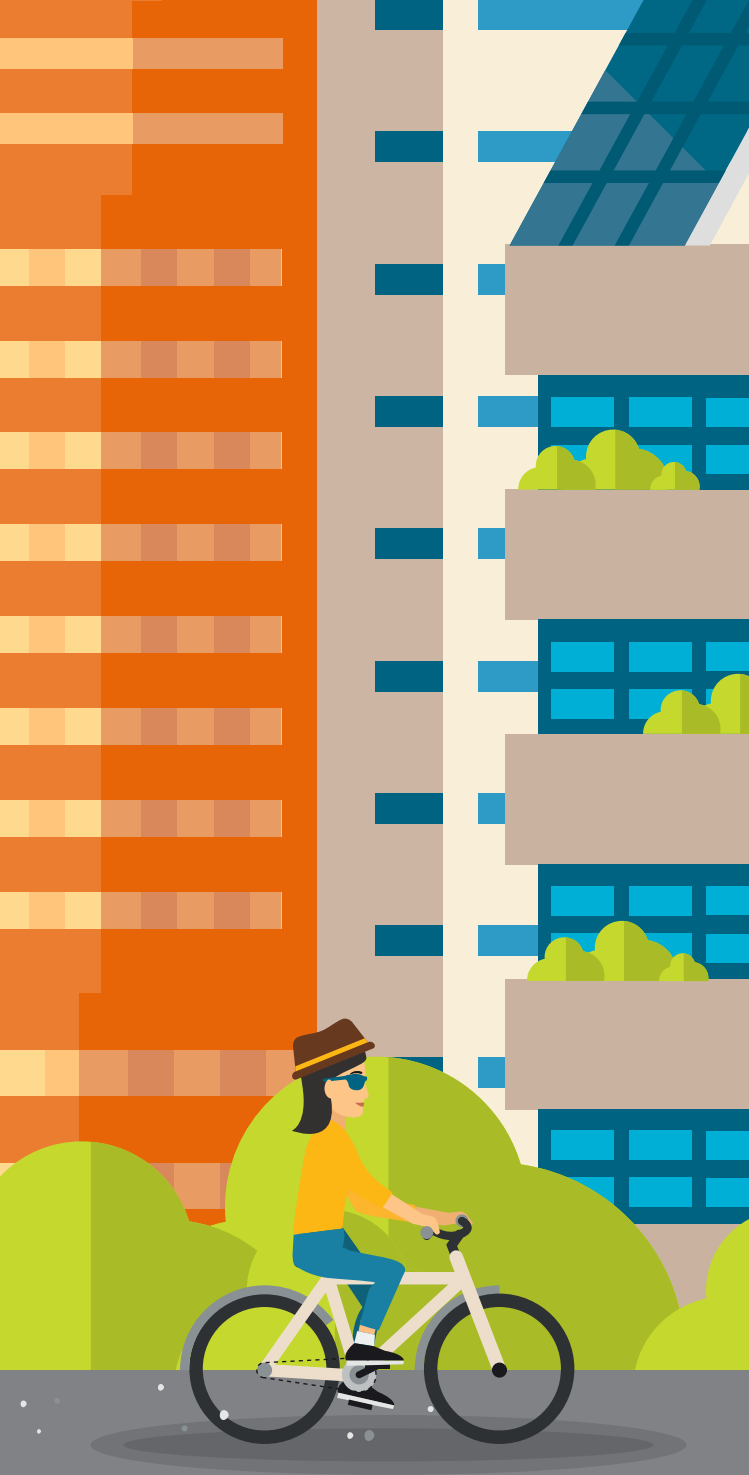
Start with small changes that are not too difficult to implement. Making small changes to our travel habits can make a difference.



CHOOSING PUBLIC TRANSPORT

As public transport vehicles carry large numbers of passengers, they represent a more environmentally sustainable way of moving people around the city. For individuals, public transport fares are also cheaper than the cost of maintaining a private vehicle.





PUBLIC TRANSPORT



MYCITI BUS SERVICE

This **scheduled, convenient** bus service operates around the central city and, Atlantic seaboard, with links to Khayelitsha and Mitchells Plain.

MyCiTi is a **cashless** system, and you need a **myconnect** card loaded with money to travel.

www.myciti.org.za

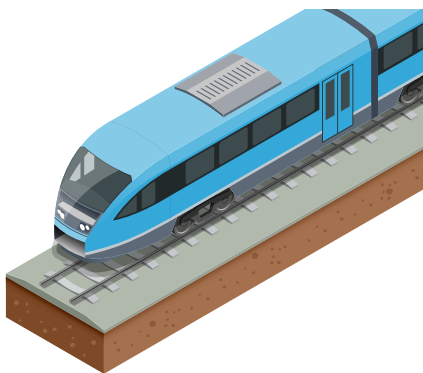


GOLDEN ARROW BUS SERVICE

This bus service reaches most parts of the city, particularly in the morning and afternoon **peak hours**.

You can pay with **cash** or buy weekly and monthly **clipcards**.

www.gabs.co.za



METRORAIL

Metrorail is the **suburban passenger rail** service. Although it has challenges, it is the backbone of the public transport system.

www.metrorail.co.za



MINIBUS TAXIS

Hail one of these taxis at the **kerbside** or catch one at a **public transport interchange**. They operate on routes across Cape Town. Tell the driver where you want to get off.

Pay for your trip in the taxi, preferably with the exact amount.

PRIVATE TRANSPORT

SHARE RIDES ✓



Join a **lift club** or **carpool** to **cut emissions, save money and reduce stress**. The more people share rides, the more everyone will save time due to less congestion. Find travel companions at your workplace, in your community or via various websites and apps. Take turns to drive your car, alternating weekly or monthly. You can **recover petrol costs** from fellow passengers, as long as costs are split evenly and no profit is made.

DRIVE A LOW-IMPACT CAR ✓



If you wish to purchase a car, choose a small fuel-efficient one with low carbon emissions, preferably one that is locally made with a high recyclable content.

COORDINATE LIFTS ✓



Start a chat group with other parents in your area to coordinate lifts to and from school, sports events and after-school activities. This reduces the number of trips per family.

USE METERED TAXIS AND E-HAILING ✓



Technology has made using metered taxis and e-hailing services more convenient and reduces the use of private cars. Vehicles collect passengers closest to them, reducing congestion and emissions. Travel with others to reduce costs.

WORK FLEXIBLY ✓



Technology helps you spend part of your day, or some days a week, working from home, or to work flexible hours so that you travel outside the peak hours. Talk to your employer about such an arrangement.

Use email, collaboration software and conference-calling to promote teamwork and productivity, and online time sheets to record working hours.

Studies show that people are often happier and more productive when they work flexibly.

USE A PARK-AND-RIDE ✓



There are many park-and-ride facilities close to public transport. Leaving your car at a secure facility and completing your journey on public transport will reduce congestion and allow you time to read or relax.

SMART DRIVING TIPS

If you have to drive your car, try these cost-saving tips:



Before embarking on any trip, check the four critical components for compliance, namely: **tyres, shocks, brakes and steering**. Make sure you have enough fuel and that your cell phone is charged.



Keep your vehicle well maintained to avoid breakdowns, that put you at risk of an accident or becoming a crime victim.



Obey the speed limit – vehicles are most efficient when driving at 100 to 120 km/h.

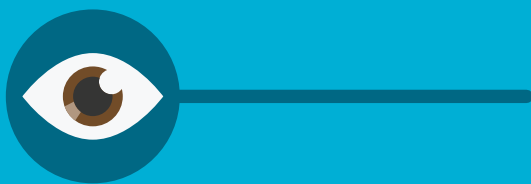


Check your tyre pressure and the condition of your tyres. Tyres contribute considerably to fuel consumption, road-holding and grip, braking and water dispersion.

Punctures are a major cause of breakdown. Check that your spare is correctly inflated. Comply with the tyre pressures for low and high occupancy determined by the manufacturer, which are indicated on the data plate on the doorpost or inside the fuel cap for maximum fuel benefit.



Change the gears under 2 000 rpm, particularly from first to third gear. Drive in the highest possible gear at the lowest possible rpm. This will immediately bring about a significant fuel cost saving.



Awareness, observation and concentration result in forward planning in order to successfully manage sudden emergencies. Knowing the vehicle's capabilities, understanding your own condition, and assessing road conditions continually whilst adapting to road changes and disruptions allow for gradual reduction of speed, avoiding premature wear and tear.

'Drive the vehicles around you' – in other words, observe and pay attention to what other road users do and the type of vehicles they drive. If they come to a sudden stop, 'Ungama na?' – can you stop with caution?

Pay attention to traffic lights and road obstructions to avoid stopping frequently, necessitating moving off in the lowest gears. Lower gears require more energy/fuel to set the vehicle in motion. Let it flow!



Plan your journey to avoid getting lost and becoming distracted from what is happening around you. Allow enough time for your journey, so that you are not in a hurry or feeling stressed. These days, wayfinding apps can also help you take the shortest or least congested route to your destination.



Drive with a 'soft foot' – smooth acceleration and deceleration saves fuel. Make smooth, gradual lane changes and build up speed in anticipation of approaching a hill.



Avoid driving in peak-hour traffic. This will save you time and money and reduce your carbon footprint by avoiding idling in very busy traffic.

NON-MOTORISED TRANSPORT

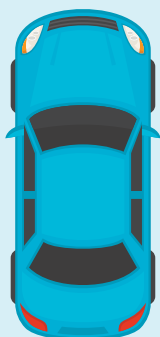
Walking, cycling and using a skateboard are all low-carbon transport options that **are kind to the environment**. They are referred to as non-motorised transport.

These active mobility options will not suit everyone but as roads become more congested **think about including some non-motorised transport in your life**, even if only for short trips or leisure activities.





10 BICYCLES OR 1 CAR



1.5M
←→
**STAY WIDER
OF THE RIDER**





CYCLE SAFELY

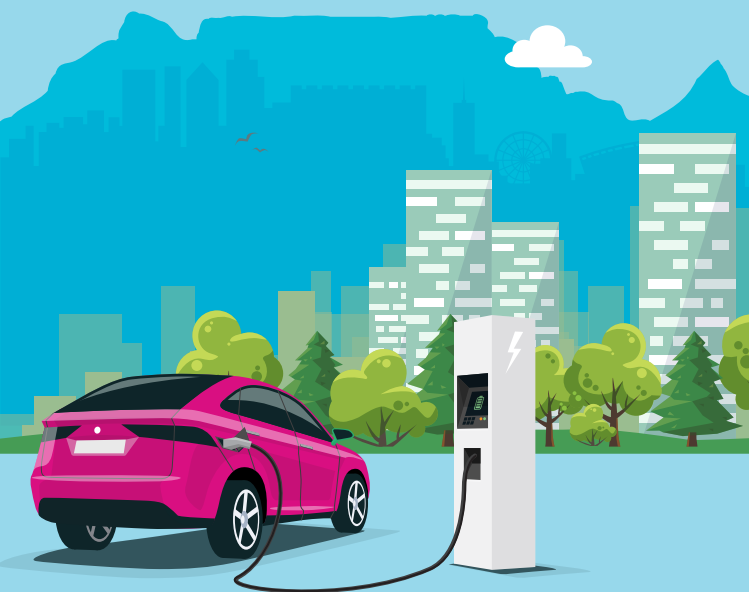
Cape Town aims to be a city where it is easy and safe to use a bicycle. Not all areas of the city have dedicated cycle lanes, however, and this may be a barrier for cyclists.

The organisations Pedal Power and the Bicycle Empowerment Network (BEN) support leisure and commuter cycling and **provide useful advice about safe and responsible cycling.**

Motorists are also urged to be more aware and tolerant of cyclists on the road. Most cycling accidents involve cyclists being hit by a motor vehicle from behind.

As cyclists are very vulnerable when they share the road with cars and other vehicles motorists should be extremely vigilant and pass cyclists at a safe distance of at least one metre, or more.

**SUSTAINABILITY
IS NO LONGER
ABOUT DOING
LESS HARM.
IT'S ABOUT
DOING MORE
GOOD.**





WALK, WHERE POSSIBLE

For many of us, it is automatic to get into a car when we want to do something or be somewhere.

With a bit of planning it is possible to avoid some trips, or to make them on foot.

There is growing recognition of the health benefits of walking. **Short walks to and from public transport, to attend meetings or do some shopping contribute to the 5 000 to 10 000 steps a day** that all adults should try and achieve for their health and wellbeing.

Children are encouraged to walk where it is possible and safe. In some areas parents and schools organise 'walking buses' accompanied by an adult to get children to their neighbourhood schools in a fun, active and safe way.

FOR MORE INFORMATION

Email: smart.driver@capetown.gov.za

ADDITIONAL CONTACT INFORMATION

OPTION 1: Download the City's service-related municipal app, available on the Apple App Store and Google Play Store.

Download the app now via:



<https://apple.co/3pZAkth>



<https://bit.ly/3pMGltv>

OPTION 2: Contact the City's customer call centre on tel: **0860 103 089** or email **contact.us@capetown.gov.za**. The service is available 24/7 with assistance in Afrikaans, English and isiXhosa.

OPTION 3: Log a service request on the City's self-help service website **www.capetown.gov.za/servicerequests**. Choose 'Transport, Traffic and Roads'.



OPTION 4: Scan the QR that will link to the self-help service.

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This leaflet and other useful guides are available electronically. Visit **www.capetown.gov.za/urbanmobility**

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