

AUSTRALIA'S FIRST ELECTRIC BUS

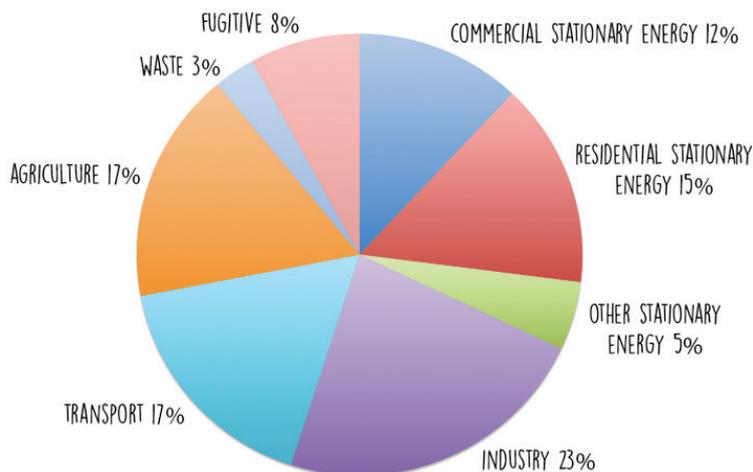
Would you hop on a bus that didn't have a driver? What about if it was an electric bus? Head to Perth to hop on board Australia's first fully driverless and electric shuttle bus, the RAC Intellibus™.



THE PROBLEM

Australians love to drive. Yet when it comes to climate change, the greenhouse gas emissions from petrol and diesel engines are seriously bad news. The more people choose to keep driving their own cars – rather than rely on public transport – the more cars clog up our roads, the more time we spend in our cars, and the more emissions we produce. In the year to 2015, emissions from Australian transport accounted for 17% of our total greenhouse gas emissions.

AUSTRALIA'S EMISSIONS BY SECTOR



That's why the Western Australian government has been working with The Royal Automobile Club of WA (RAC), to find a solution.

AUSTRALIA'S FIRST ELECTRIC BUS

THE SOLUTION

In August 2016, Australia's first driverless electric shuttle bus, the RAC Intellibus™, hit the roads in South Perth as part of an exciting trial. The bus can transport up to 11 passengers and operates at an average speed of 25km per hour. This helps to alleviate traffic congestion by reducing the number of vehicles on the road, and being electric, can be powered using renewable energy sources (such as wind or solar), meaning no carbon emissions.



Image source: <http://www.caradvice.com.au/476314/australias-first-autonomous-bus-hits-the-road-in-perth/>

Since the shuttle arrived in South Perth in April, RAC has been working with the Western Australian government, specialist technicians and the vehicle manufacturer to test the shuttle in a closed environment.

MORE GOOD NEWS

When it comes to tackling climate change, the RAC Intellibus™ is very exciting: it sets an impressive national and international example of how electric, driverless vehicles can be effectively integrated into Australia's overall transport system. The Western Australia government hopes that that this trial will start a conversation on further trials, research and collaboration, which will lead to more electric driverless vehicles being used across Australia – and around the world.

THINK NOTHING CAN BE DONE ABOUT CLIMATE CHANGE? THINK AGAIN.

GENERATION YES.