



# CleanRun Update



**CleanRun**  
Let's drive down emissions

## CleanRun EcoDrive launched!

Transport operators now have a new tool to help cut fuel costs and CO<sub>2</sub> emissions, following the launch of the *CleanRun EcoDrive* resource kit on 25 May 2011.

Environment Minister Bill Marmion said the kit was the first resource of its kind in Australia aimed to reduce vehicle emissions by promoting fuel-efficient driving techniques.

"The difference between the best and the worst driver can mean up to 35 per cent difference in fuel economy.

Since fuel consumption and CO<sub>2</sub> emissions are directly linked, a driver who reduces fuel use by 35 per cent can expect a 35 per cent reduction in CO<sub>2</sub>," Mr Marmion said.

### The resource kit

The free *CleanRun EcoDrive* kit provides the resources for fleet operators to engage with their drivers to design an in-house EcoDrive training program. Resources include:



- a handbook
- a training package developed with a training video, workbooks, assessment tools and an in-cab training CD
- workshop materials, agendas, surveys and sample strategies
- educational components
- evaluation tools for calculating baseline data and program results



Environment Minister Bill Marmion at the EcoDrive launch

### Based on input from the transport industry

The kit was developed in collaboration with extensive input from the transport industry and followed a 2 year trial with professional drivers.

### Saving more than just fuel

Fleet operators implementing EcoDrive can expect 3-fold benefits:



- 1. Environmental:**  
Reduced vehicle and carbon footprint
- 2. Cost savings:**  
Reduced fuel costs, maintenance and accidents
- 3. Health and safety benefits:**  
Safer, better drivers



Colin Pumphrey (left, City of Swan) and Kenton Muller (right, Toll IPEC) receive certificates from the Environment Minister

Toll IPEC, City of Swan, and Veolia Transport were all presented with certificates of appreciation for their participation in developing *CleanRun EcoDrive*.



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## Why EcoDrive?

Ecodriving incorporates a number of safer, smarter driving techniques that maximise fuel economy by operating the engine as efficiently as possible. *CleanRun* EcoDrive focuses on the following techniques:

	Ecodriving technique	Expected fuel savings
1	<b>Know your vehicle</b> – vehicle specification, horsepower and torque curves	1%–15%
2	<b>Progressive shifting</b> – changing gears at optimum revs	4%–12%
3	<b>Flowing the vehicle</b> – smooth driving style	2%–20%
4	<b>Progressive braking</b> – slowing gradually and smoothly	* 0%–5%
5	<b>Scan the road ahead</b> – anticipating hazards and safe practices	1%–15%
6	<b>Excessive idling</b> – reducing unnecessary idling time	0%–10%
7	<b>Tyre pressure</b> – maintaining correct tyre pressure	2%–25%
8	<b>Air conditioning</b> – smart use	4%–12%
9	<b>Vehicle maintenance</b> – inspections of fluids, load, lights, brakes etc	2%–25%
10	<b>System of vehicle control</b> – correct road placement, speed and gear	2%–10%

\* general estimate based on limited available data

On-the-road training materials were developed by Strategix Training Group, experts in ecodrive training.

As part of the *CleanRun* EcoDrive program, a group of volunteer drivers will identify the techniques that are applicable to their workplace. Hands-on research with drivers has shown that the key to a successful ecodrive program is to work together with drivers in designing a strategy that's *by drivers, for drivers*.



A group effort: contributors to *CleanRun* EcoDrive pose for a photo at the launch

For a free copy of the *CleanRun* EcoDrive resource kit please contact *CleanRun* at [cleanrun@dec.wa.gov.au](mailto:cleanrun@dec.wa.gov.au)

## Free health check for your car

*CleanRun* recently offered free health checks for vehicles at Kings Park, Perth as part of the *CleanRun* Community Day this March.

As part of the day, *CleanRun*'s hi-tech remote sensing equipment was used to give voluntary "random breath tests" to vehicles. The equipment measures carbon monoxide, nitric oxide, total hydrocarbons and smoke emitted by passing vehicles.

The results are virtually instant, and a smart sign with a variable message indicated to the vehicle driver how the vehicle is performing.



A car getting a 'random breath test'

The good news was that of the 80 vehicles tested; very few poor emission results were recorded.

Also on offer on the day were:

- free on-site vehicle inspections
- free info kit with vehicle's test results
- free activities for the kids



RAC technicians inspect an engine at the Community Day

For more information on any part of the *CleanRun* program call (08) 9333 7441, email [cleanrun@dec.wa.gov.au](mailto:cleanrun@dec.wa.gov.au) or visit [www.dec.wa.gov.au/cleanrun](http://www.dec.wa.gov.au/cleanrun)