

[REDACTED]

From: [REDACTED]
Sent: Friday, 10 February 2017 7:48 AM
To: vemissions; fuel.policy@environment.gov.au
Subject: Consultation on proposed vehicle emissions and fuel quality measures

To Whom It May Concern,

The only way to 100% improve all the areas of concern is to remove the emissions. Internationally it appears Electric Vehicles (EV) are posed to rapidly replace Internal Combustion Engines (ICE), yet Australia has done very little to make itself ready for this transition. Longer range vehicles are already available in several world markets, with indications that many more are already in development.

While I agree it is important to improve the emission standards, there is the best outcome of no emissions as well.

Electric Vehicle infrastructure has several advantages over the current Internal Combustion Engines:

- 1) Removes all emissions from the point of use. This is a huge impact on urban areas where noxious emissions are ever increasing and never removed if ICE remains the standard;
- 2) Changes the resource base from fossil fuels, often reliant on overseas suppliers, to local energy resources. Power stations can be using coal, or even better a high percentage of renewal sources that also bring zero emission standards to power;
- 3) Consumers have the option to install renewals, such as solar, onto their buildings and generate electricity for their EV locally, thus reducing the load on power stations and possibly supplementing that load in the future;
- 4) There are no health risks identified with EV's, they actually improve the health outcomes on many fronts.

Australia is also one of the resource rich countries. We have several car manufacturers going to exit our country soon, losing thousands of local jobs. Electric Vehicle manufacture is a future direction which Australia could embrace. By repurposing these factories and accessing our local resources it would be possible for Australia to either start our automotive industry again or partner with one of the emerging companies.

Emissions standards need to be tightened, but the goal should be emissions free. Electric Vehicles are gaining popular acceptance, when Electric Vehicles become readily available it would be great if Australia was also ready for their adoption. It would be even better if Australia took back the perceived image of innovation and fostered the change to Electric Vehicles. At the same time improving emission standards and providing incentive to this change.

Regards,

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