

RE: Barriers to the use of innovative vehicles, personal electric transport devices and motorised mobility devices (PEV Personal Electronic Vehicle)

Att: Anthony Pepi, Productivity and Safety Team

To: National Transport Commission

I wish to endorse the legalisation of personal electric vehicles and want to encourage local government and local agencies to support further and promote this as it provides a green initiative for transport and leverages off the existing infrastructure to make this possible.

PEV's have enormous potential and benefits, for individuals/public, and excellent benefits in many areas such as the following:

1. Health – any physical, outdoor activity is beneficial to our health. PEV encourage that and make it more possible. Daily rides for fun or to work, shopping will dramatically improve general public fitness, we are a country with a high obesity rate, and we want healthier people to reduce the stress on the Health System which is already under a lot of pressure.
2. Disability – for people with limitations or mobility issues, PEV is often a better solution than a disabled scooter or car or having no mobility at all.
3. Commuting – In short to medium distances PEV can be faster than cars or public transport. Currently, I live 4km from the Train station; given this distance, it's easier to use a PEV to reach home rather than driving to the station and adding to the existing congestion and adding extra car parks.
4. Public Transport – PEV will significantly reduce congestion's on public transport, and offer more space for people on public transportation without adding extra vehicles to cater for the growing population.
5. Time/Cost Savings – PEV can be often faster and more flexible, accessible than cars or public transport and practically cost free.
6. Pollution Reduction – PEV uses a minimal renewable amount of clean energy especially when paired with a local Solar renewable power.
7. Carbon footprint – PEV weight no more than 10kg – compare that with a car a train or bus. The carbon footprint of electric devices per user is therefore relatively tiny.
8. Flexibility – electric transportation devices can be used on local streets, footpaths, bike lanes, shopping malls etc., carried on escalators or lifts, even carried up the stairs or a backpack to be agile and available.
9. Portability – PEV's are small and light, that they can be easily transported into the bus, train, office or between locations.
10. Safety – high safety level for riders, who are practically standing at ground level, low speed (running person), low centre of gravity. High safety level for pedestrians also as collision risk and potential injuries are no higher than two pedestrians bumping into each other.

The usage and practical applications of PEV are growing. Public and authorities should support, embrace and benefit from this new and future encourage this new movement.

Joe Vytilingam, Greenacre NSW