OFFICIAL SUBMISSION

ELECTRIC VEHICLES

The current types of electric vehicles require too many batteries to which between that and fast uptake of solar batteries we will have a problem disposing of old failed batteries.

What we need, as the inquiry is looking at, is a better but cheaper design. This design already exists in today's cars charging systems and
needs to be incorporated into electric cars whereby their biggest hurdle
is charging and need for charging stations and use of grid power to charge them, the development of the sooner too expensive.

What government needs to do, is utilise the following which I place no
copyright upon and fund the development of this new simplified charging
system.

This system allows electric cars to charge as they drive, totally self
generating.

The current charging system of a car is an alternator driven by belt and
a voltage regulator to prevent overcharging which are either old style
or computerised meaning they can be adaptable to new cars computers.

Electric cars require more than the standard single battery, often a large bank of batteries whereby this solution will only require a few or
a modern large battery around $300 the size of a desktop computer body
but also can gain additional charge when not in use via a solar panel roof.

The problem of logic everyone has overlooked is how to drive an alternator in an electric car, however the solution is too simple, a mere pulley mounted to a wheel axel or several, to drive a belt to either one high output alternator or several pulleys driving several smaller alternators to replentish power used by electric motor.

An example would be, USA electric car motors take 140 volts in which one
or two of the aforementioned battery packs can create and an alternator
capacity to charge 140v rather than 12 such as creating two bigger 70volt alternators to run off wheels drive shaft when in motion, more

preferable for idling rather than driven by wheel shaft is a seperate 12
volt motor which drives the alternators at all times.

If government were to develop and hold rights on such, it can sell it
globally but manufacture it locally and is far cheaper than current
electric car versions, more reliable, totally self generated and can be
boosted during day with solar but wont require it. Government invest
in many new innovation projects like renewable energy so why not in the
ultimate, the first self generating electric car. We even get CSIRO to
develop many things.

Sometimes logic is staring at us and we do not see it, such as
electricity generation and old days technology, such as the old water
wheel turbine with blades like a steam boat, propelled by several big
hoses of recycling water onto its cross blades to propel it and drive a
large power generator, its only cost is power to drive a large water
pump or several.

We are too consumed thinking everything has to be hi-tech.

Brian Woods