

The Paris Climate Agreement and Why ITEZZE works in Reducing Emissions

In 2016 the Paris Climate Agreement to reduce Carbon emissions by 35% was based on a technology known at the time as ITS or Integrated Transport Solution; it now has the Registered name ITEZZE – the Electric Vehicle (EV) Swap Battery system which Bill Shorten talked about in his 2019 ALP Election Policy Launch. At the time he said there would be 3 million electric cars on Australian roads in 2030 and they would use swap batteries.

The Paris Reductions Target of 35% was based on the fact that oil makes up 51% of energy used Worldwide. Cars, trucks, freight transport, farms and mines are users of oil. ITEZZE with electricity from Dual cycle gas fired power stations which convert 68% of energy in gas to electricity and 61% of that gets to the wheels as work is 370% more efficient than Internal Combustion Engines (ICEs) with an energy efficiency of 21%. The efficiency dividend is amplified as EVs in around town use can claw back 60-70% of that energy as regenerated power.

Overall CO₂ emissions drop 70% compared to an ICE vehicle. The 35% emissions drop can be calculated by replacing oil used in ICEs with electricity from gas fired power stations and regenerated power. A 70% drop of emissions on 50% of fuel used is 35%. So even without use of solar or wind it is possible to reduce emissions by 35% using ITEZZE in road transport; solar and wind is bonus. Some call it the **“Australian Technology Solution”**

ITEZZE does three things to:

1. It gives petrol convenience to EVs; people can swap a battery faster than they can fill a petrol car;
2. It brings the price of new EVs down to the price of petrol/diesel fuelled cars;
3. It lets people do swaps at servos and means servos **can make money out of selling electricity**, and thus it makes long-distance EV service station networks financially viable.

Global Oil supply peaked in 2020. Prices have now started to rise and the time has come to roll out the system

A few key points:

- Cheap oil is finished and oil production is in terminal decline.
- Governments expect diesel prices to reach \$3/litre this year.
- One oil company expects oil to hit US\$170/barrel this year;

Low-priced oil at US\$50-70 a barrel is gone. Oil prices are expected to hit US\$170/barrel this year. A further 3½ million barrels per day (bpd) of production will disappear each year till 2030. The Ukraine conflict is about Russia (which still has oil) taking Ukraine’s wheat region in order to grow wheat to feed China which has very little oil and has run out of farmland. It is suggested that interested parties look at: [A Crude Awakening - The Oilcrash - Bing video](#); (section from 1:00 minutes onward) because without a mechanism to replace oil in farm machinery and freight (which ITEZZE provides) **‘Industrialized Agriculture’** does not work and people starve.

The pressure from oil price rises drives inflation on daily purchases which then causes interest rates to rise. A \$1/litre price rise for petrol/diesel costs the average family \$40+/week. A 2% rise in interest rates on a \$457K mortgage will cost another \$192/week. Overall, they are an **extra \$232/week** (after tax) out of pocket. This hurts PRC because it gets income from goods sales. If ITEZZE doesn’t rollout fast enough in Australia it will put pressure on Party leadership because they need to buy grain to make up for the non-supply of Ukraine grain.

ITEZZE control patents for the one technology that is able to switch cars, trucks, buses, farm, mine and earth moving equipment from oil to electric. Hydrogen fuel cell technology doesn’t work in vehicles as it effectively costs 4x times the price of diesel, as a council in France discovered after commissioning a study See: [electrek.co](#)

Regeneration - People don’t understand just how significant Regeneration is. BCC diesel buses use 40 litres/100 km, the same bus in hybrid uses 20 litres/100 km. This means that over 70% of the power used is regenerated. What this means is that if the original electricity came from the new Helios coal fired power stations (which reduces emissions in EVs by 48% compared to an ICE vehicle) regeneration means that overall CO₂ reductions from Helios are over 70%.