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Hydron NRG Does it again !

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The scoop of the day

The latest updates from Hydron

Hydron NRG has been established to support the burgeoning hydrogen refueling market within Australasia with the supply of **hydrogen powered commercial vehicles**, together with the installation of **on-site** production facilities of green hydrogen that will ensure significant cost savings to fleet owners to convert their vehicles to run on hydrogen.

Hydron NRG has secured supplies of proven hydrogen production equipment and is moving forward with their plans for the installation of a network of strategically placed refueling stations, together with an alliance with some of the largest and most respected suppliers of hydrogen powered commercial vehicles.

Hydro is currently in talks with many overseas base truck & bus manufacturing companies who has associations with some of the top fuel cell companies in Canada and the USA. Such companies that are pioneering the market for hydrogen fuel cells & hydrogen power train systems.

Hydron NRG has been founded by a diverse group of Australian business leaders, whose backgrounds include the building of large multidisciplinary organizations which includes expertise in:

- Finance
- Property development
- Civil engineering projects – including very large solar farms
- Design, IP, manufacture, and international manufacture of renewable energy systems.
- Close networks with large commercial truck and bus fleet owners and government.
- Capacity and willingness to develop innovating financing and insurance for fleet owners to convert to hydrogen fuel cell commercial vehicles with guaranteed net financial gain
- Making Consumers comfortable in using & managing hydrogen fuel with smaller functional appliances and transportation devices.



Hydron NRG, together with their hydrogen strategic partners, will reduce the cost of this production through their network of ON-SITE hydrogen refueling stations to keep the price of production down, where Hydron NRG can produce road ready to the pump hydrogen for under US\$4 / Kg.

With the conversion of commercial vehicles from Diesel to Hydrogen, substantial savings can be gained in the operation of those vehicles, while producing a 100% green footprint.

While the Australian government has committed to a \$2 kg cost of green hydrogen by 2030. Street prices of green hydrogen are approximately \$6 per kg. However, there are only three hydrogen refueling stations in Australia today.

In the commercial vehicle market where operations costs are most important, hydrogen powered vehicles have inherent long term competitive advantages, including:

- 50% fuel savings if diesel is \$2.2 per liter and hydrogen \$6 per kg (fully loaded heavy truck weighing 65 tons needs 10kg hydrogen per 100km travelled)
- Hydrogen vehicles have a much longer range than EV.
- While there are numerous hydrogen powered vehicle manufacturers entering the Australasian market, these vehicles are useless without a good reliable network of hydrogen refueling stations. Centrally located refueling stations may be able to handle a part of the market, Hydron's plans for the development of a network of on-site hydrogen production and refueling facilities with lower costs will enhance the market
- Hydrogen vehicles weigh less (Fewer batteries to extend range)
- Hydrogen vehicle capital costs are close to similar diesel vehicles.
- Hydron is committed to work with Australian fleet owners and to develop detailed requirements of each type of vehicle and a staged launch plan.
- Starting with our IP domestic hydrogen storage system for small hydrogen production and storage systems.
- This will enable consumers to understand how hydrogen is produced while further reducing the carbon foot print and making them sustainable.
- Hydrogen fuel is no more dangerous than any conventional system currently on the market.

Hydron NRG Pty Ltd aims to be a global recognised company with a well-established market of Hydrogen production, commercial vehicle sales/service for road ready vehicles. Retail and Wholesale hydrogen sales to our own fleet as well as other manufactures that require hydrogen fuel production. Hydron will manufacture and distribute green hydrogen production for transportation, energy, rural, industry and export if required. We aim to produce and sell zero emission, cost effective hydrogen powered trucks and buses for tough Australian conditions, which would easily meet the global market requirement. To ensure cost effectiveness and regular supply refueling locations for fleet owners by producing green cost-effective hydrogen by combining this with existing relationships with pioneering renewable energy and grid interface experts like **NexGen Group** will ensure Hydron's success to making the legacy come to reality within the next 5 to 8 years.

Hydron's long term move into hydrogen production into energy, industry, rural and export green hydrogen markets are also part of our long term plan for the future of our company. We will work with local governments for major grants, incentives, low interest loans, carbon credit and support and assist with prompt cost efficient regulatory approvals.