

Comparing with Green Ammonia

Which Infrastructure is most cost effective?

H2 From Green Ammonia

COMPLEX

H2 production from renewable energies at 30% efficient
Converted to Ammonia.
Trucked to shipping doc and stored awaiting shipment.
Pumped onto ship for dangerous goods transportation to destination country

Pumped from ship to holding tanks.

Converted back to H2 gas requiring a substantial processing plant.

Dispersed H2 to fueling station

Transferred from truck, compressed into holding tanks.

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Transferred from truck, compressed into holding tanks.

Pump Price: \$14.00 per Kg.
Cost of supply too high to compete with petroleum. Low profits.
Not 100% Green.

Pump Price: \$7.00 per Kg.
Competitive with petroleum and delivering a very high profits.
Also a solution to the 'Horse Before The Cart' issue. The system is self-sustaining. Therefore excess H2 can be converted to electricity as grid support delivering an instant revenue while accelerating the FCEV market.

H2 From H2IL G.E.E.

SIMPLE

OR

Dispersed Ammonia to fueling station

Transferred from truck, into holding tanks. Being liquid tanks must be above ground level for safety.

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Processing plant to converted back to H2 gas.

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Compress into holding tanks.

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On-site 24/7 self-sustaining method. Hydrogen production at a cost of **\$0.34** per kg. Footprint comparable to ammonia extraction plant. Allows for below ground installation, where land is restricted.

The H2IL G.E.E. hydrogen energy production technology is self-sustaining, drawing energy from internal galvanic rods.

>>> The Link Between Nuclear & Hydrogen <<<