

Hydrogen Economy Outlook & Solution

Green Hydrogen From Conventional Electrolysis	Clean Hydrogen From H2IL Advanced Electrolysis
Problem:	Solution:
<p>Producing just 25% of the worlds energy demand through green hydrogen will require massive amounts of additional renewable electricity generation.</p> <p>Around 31,320TWh of electricity would be needed to power electrolyzers. That is more electricity than is currently generated worldwide from all sources combined!</p>	<p>A technology that releases hydrogen from water bonds at a much lower energy level than 237kJ per mole. With a co-efficient of performance well in excess of 100%, self-powering hydrogen production is achieved with very high production levels.</p> <p>Or produced from renewable energy consuming around 273TWh for the 25% hydrogen demand scenario.</p>
Problem:	Solution:
<p>Infrastructure requiring over \$11 trillion for:</p> <ol style="list-style-type: none"> 1/ PEM type electrolyzers. 2/ Storage methods. 3/ Transportation and pipelines. 	<p>Blends into existing infrastructure with:</p> <ol style="list-style-type: none"> 1/ Low cost Non-PEM type technology, 2/ On-site hydrogen production on demand. 3/ Localized, point of destination production.

New game-changing science harvests energy from abundant galvanic rods to boost electrochemical reactions.

>>> The Link Between Nuclear and Hydrogen <<<

H2 Innovation Lab (H2IL) is taking expressions of interest in technology acquisition at a corporate level. Please contact David Hendrick on LinkedIn.

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