

Construction of hydrogen energy stations in Argentina

What is Argentina doing with hydrogen?

The first Argentina regulatory framework was enacted in 2006, in other hydrogen environment. The country is pursuing the objective of 5 GW+ of electrolysis capacity by 2030. Although the strategy will contemplate hydrogen as a local energy vector, it will mainly favour green hydrogen exportation, for which Argentina has enormous potential.

How much green hydrogen can Argentina produce?

According to Marcelo Kloster, a government advisor on national economic development and a board member at energy technology company IMPSA, Argentina could produce up to 7.5 million tonnes of green hydrogen per year.

Can Argentina become a green hydrogen export hub?

Argentina aims to establish itself as a green hydrogen export hub for developed nations. The Argentinian government and Australian company Fortescue Future Industries (FFI) announced a major investment plan of \$8.4bn (1.2trn pesos) by 2028 to produce green hydrogen in Argentina at CO₂.

Why is Argentina a privileged place for hydrogen production?

The geographical, industrial and scientific peculiarities of Argentina position it in a privileged place when it comes to facing the industrialization of hydrogen and becoming an international supplier of this new source of energy. And, in this sense, Argentina has great potential for the generation of green, pink and blue hydrogen.

Will Argentina produce green hydrogen at CO₂?

Argentina and Australian company Fortescue Future Industries (FFI) announced plans to invest \$8.4bn (1.2trn pesos) by 2028 to produce green hydrogen at CO₂ in Río Negro, Argentina. The Pampas project will take place in the coastal town of Sierra Grande, at the northern end of Patagonia.

Is Argentina a good source of hydrogen?

And, in this sense, Argentina has great potential for the generation of green, pink and blue hydrogen. The first is due to the optimal conditions to generate renewable energies such as solar, wind and hydroelectric, with the country being recognized globally as one of the potential suppliers of hydrogen.

Green hydrogen is considered the fuel of the future, as it allows for the storage and transportation of energy without generating polluting emissions. Its development represents an ...

2 days ago; The U.S. Hydrogen Energy Association (DoE) led the formation of the "Hydrogen Refueling Station Compatibility Alliance"; Unified the interface standard for 70MPa hydrogen ...

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The strategy provides that, by the year 2050, Argentina will domestically produce at least 5 million tons of low-emission hydrogen per year. To achieve this goal, the creation of at least 30 GW of ...

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