

# Malta Hydrogen Energy Station





## Overview

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What is green hydrogen?

Unlike grey hydrogen, which is produced by using fossil fuels, and blue hydrogen which relies on expensive and unreliable carbon capture and storage technology, green hydrogen, the option being considered by Malta, is produced by electrolysis: the use of electricity from renewable energy sources, to split water into hydrogen and oxygen.

Where will hydrogen come from?

As reported by MaltaToday last month, the most likely source of hydrogen will be in the area around Gela where Eni has commenced a pilot study in the production of green hydrogen, namely hydrogen produced by renewable energy sources.

Could a hydrogen-ready pipeline be a EU project?

The prospect of securing EU funds for a hydrogen-ready pipeline were boosted after energy minister Miriam Dalli secured a derogation in 2021 to have Malta's gas pipeline, which lost out on Connecting Europe Facility funds, be once again in with a chance as an EU project of common interest.



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The hydrogen is collected and stored in pressured canisters. It is used primarily in industry (in the case of Malta to run power stations), while oxygen is released as the by-product or captured ...



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