



# South Africa adds new hydrogen energy solar site





## Overview

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Hive Hydrogen South Africa is developing one of the world's largest green hydrogen projects—Coega Green Ammonia—located in Coega, Nelson Mandela Bay, Eastern Cape, that will produce over 1 million tons of ammonia annually using renewable solar and wind energy, desalinated water. Hive Hydrogen South Africa is developing one of the world's largest green hydrogen projects—Coega Green Ammonia—located in Coega, Nelson Mandela Bay, Eastern Cape, that will produce over 1 million tons of ammonia annually using renewable solar and wind energy, desalinated water. Nelson Mandela Bay, South Africa - 09 June 2025 Hive Hydrogen South Africa is developing one of the world's largest green hydrogen projects—Coega Green Ammonia—located in Coega, Nelson Mandela Bay, Eastern Cape, that will produce over 1 million tons of ammonia annually using renewable solar and. The Solar PV project will supply power to Coega Green Ammonia in Nelson Mandela Bay. Also announced: SA-H2 Fund (“SA-H2” also known as “CI3 South Africa”), managed by a partnership between leading climate finance investor Climate Fund Managers (“CFM”) and Dutch development financing institution. JOHANNESBURG -- The Coega Green Ammonia project in Nelson Mandela Bay has reached another milestone - the permitting of a 1 430 MW solar photovoltaic (PV) cluster development phase that will supply 40% of the power required by the green-hydrogen-linked project. This development paves the way for potential construction to commence in early 2027, with commissioning expected by December 2029.



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### Hive Hydrogen South Africa completes ...

Located in Coega, Nelson Mandela Bay, Eastern Cape South Africa, the Project site is fit-for-purpose and does not need the ...

### [Hive Hydrogen Completes South Africa's Largest Solar PV Plant](#)

Hive has established some of the world's leading solar PV projects, including the UK's largest solar park at Cleve Hill in Kent (370MW), and is leading the development of one of the world's ...



### [Green Hydrogen Innovation Centre , International Solar Alliance](#)

This project marks South Africa's first attempt to demonstrate the feasibility of generating green hydrogen using solar energy. The hydrogen produced will be utilized in hydrogen fuel cell vehicles.[1]



### [From sea to spark: South Africa's green hydrogen plans](#)

South Africa's Council for Scientific and Industrial Research (CSIR) is leading the design of a green hydrogen production zone stretching from Saldanha on the west coast to Namakwa, ...



## Coega Hydrogen Project Secures 1,430MW

South Africa's Coega Hydrogen Project secures 1,430 MW solar PV cluster, advancing green hydrogen production and unlocking massive renewable energy potential in the region.

### [South Africa's Green Hydrogen Project Backed by 1 430 MW Solar](#)

JOHANNESBURG -- The Coega Green Ammonia project in Nelson Mandela Bay has reached another milestone - the permitting of a 1 430 MW solar photovoltaic (PV) cluster ...



### [Leading Green Hydrogen Production & Renewable Energy Solutions](#)

One of the world's largest privately initiated renewable energy projects is being built in the Northern Cape - a place where sun and wind become green molecules and South Africa paves the way to a ...

### [Hive Hydrogen South Africa completes](#)



## development phase of 1430MW Solar

Located in Coega, Nelson Mandela Bay, Eastern Cape South Africa, the Project site is fit-for-purpose and does not need the development and construction of new significant infrastructure.

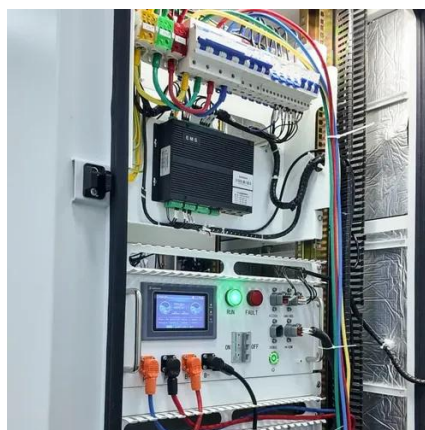


## South Africa approves 1.5 GW solar cluster to feed green H

The project is owned by Hive Hydrogen South Africa, a JV between UK's Hive Energy (75%) and BuiltAfrica (25%) and is scheduled to start commercial operations in the fourth quarter of ...

## South Africa's R105 Billion Hydrogen Project to kick off Soon

South Africa's R105 billion Coega Green Ammonia project has reached an important milestone by advancing to the front-end engineering design (FEED) stage. This development paves ...





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