



- Western Cape has among the highest solar and wind energy endowments enabling Green Hydrogen (GH2) production at half the cost (\$1.08 to \$1.62 per kg) compared to the EU, Korea, and Japan (\$2.16 per kg).
- Western Cape is a key GH2 player in Africa, with the R47 billion (or \$2.5 billion) Saldanha Bay project driving regional development, standing out against Africa Green Hydrogen Alliance (AGHA) member countries such as Kenya and Egypt.
- Western Cape leads SSA in GH2 development and infrastructure, with recent SA-EU partnerships (investment worth \$4.7 billion) set to accelerate its dominance.



OUR UNIQUE SELLING POINTS

1 NATURAL LOCATIONAL ADVANTAGES

- Western Cape's geographic position enables it to cost-effectively service growing GH2 demand in both European and Asian markets.
- Offers direct access to Southern African economies making gradual steps toward clean energy.

Western Cape GREEN HYDROGEN INVESTOR Factsheet

2 GROWTH TRAJECTORY

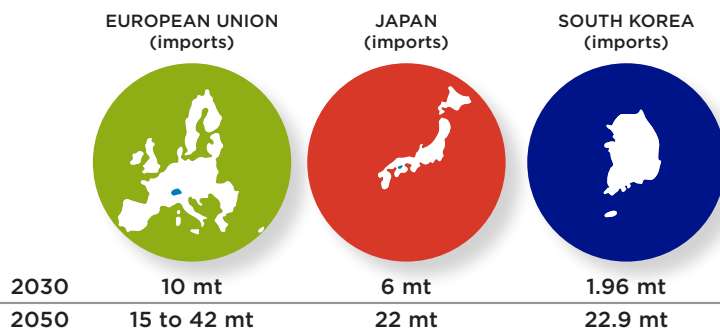
- By 2030, the GH2 sector is projected to contribute R57 billion (\$3 billion) to WC GDP - and R87 billion (\$4.6 billion) by 2050.

3 WC AT NATIONAL FOREFRONT

- Port of Saldanha and Atlantis SEZ (primary GH2 hub) at forefront - no other facility outside of the WC, with equally advanced GH2 production and logistic capabilities.
- More than 50% of SA GH2 production will occur in the WC until at least 2050.

WHY INVEST IN THE WESTERN CAPE?

- Proven Production Capabilities:** With years of experience in the Fischer-Tropsch process, and an affordable labour force, South Africa boasts world-class hydrogen production capabilities, ensuring efficiency, scalability, and profitability.
- Strategic Export Hub:** The Port of Saldanha is driving the national GH2 agenda, with forecasted annual exports of 350–500 Kt, solidifying the Western Cape's position in the global hydrogen economy.
- World-class engineering programs:** Ranking 2nd and 4th in Africa, UCT and Stellenbosch universities position the Western Cape as a prime green hydrogen talent hub, offering cutting-edge expertise at labour costs significantly lower than US and EU markets.
- Huge Market potential:** With rising demand from Western and East Asian economies, South Africa's GH2 sector is primed for expansion - presenting a high-growth investment opportunity.



WHERE TO INVEST IN THE WESTERN CAPE

- Top clusters include the City of Cape Town municipality and the West Coast region, which hosts the Atlantis and Saldanha SEZs, respectively.**
- Manufacturing and technologies:** There will be substantial opportunities in the manufacturing of components and machinery, encompassing renewable energy equipment, electrolyzers, and various sub-components related to renewable energy and GH2 production.
- R&D investment:** IRENA (2020) suggests sufficient electrolysis research may reduce green hydrogen manufacturing costs by up to 60% by 2050.



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TOP GLOBAL COMPANIES OPERATING IN OR SERVICED BY WESTERN CAPE

