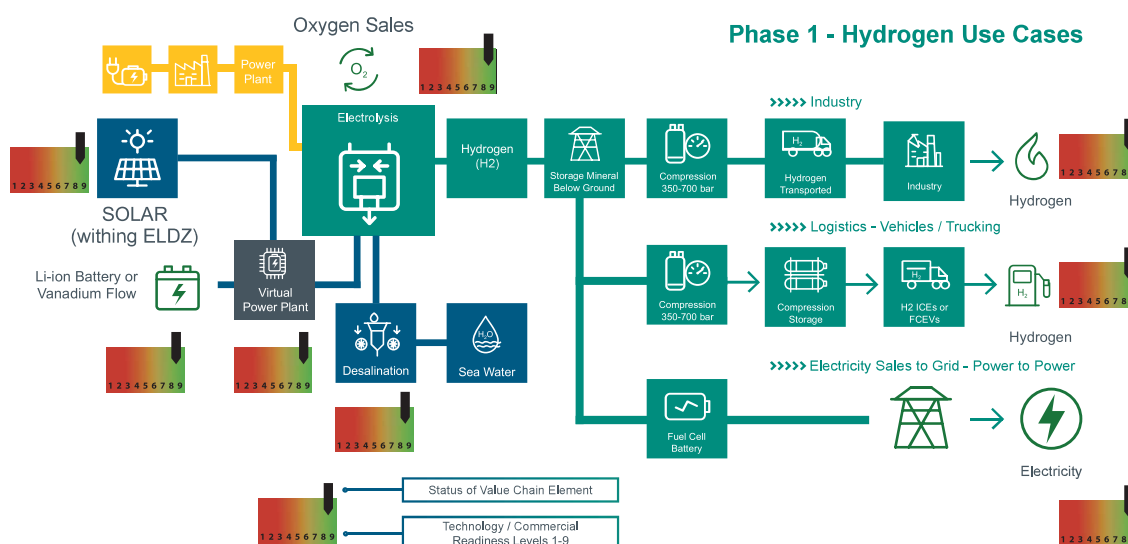




Green Hydrogen Solutions®

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PtX output Hydrogen		H ₂ ktpa 0.107	Project readiness Completed stage: front-end loading stage 3 (FEED) FID: <6 months
PV MW 20	Wind MW 12	Electrolyser MW 10	Commercial profile Offtake: South Africa %Off: 80 Term (y): 10
Industry Other		Employment Temp jobs: 80 Perm jobs: 25	Capex US\$81-million



The ELIDZ Green Hydrogen Project is an investment-ready, privately developed green hydrogen project offering investors early access to a de-risked, scalable platform in a rapidly growing low-carbon economy. The project combines secured land, environmental approvals, existing water infrastructure, identified customer opportunities and a scalable development pathway.

The GHS ELIDZ Green Hydrogen Project has progressed from concept validation to an advanced development-stage asset, supported by completed studies, key permits, customer engagement and a clear pathway to commercial deployment. The project combines secured land, completed feasibility studies, environmental approvals, identified customers, proprietary digital capabilities, and a phased scale-up strategy that positions it as a catalyst for industrial decarbonisation, energy security and export-led growth. The project is designed as a phased development platform that will scale from a 10MW green hydrogen production facility serving domestic industrial customers.

The project was initiated in 2023 following stakeholder engagement within the ELIDZ to assess the viability of green hydrogen as a decarbonisation solution for industrial users in East London. A pre-feasibility study was completed in May 2023, followed by a comprehensive feasibility study in March 2024. The project has successfully transitioned from concept validation to development execution, with the majority of early-stage permitting, site identification, environmental assessment and customer engagement activities completed. Completion of critical permitting, engineering and market-development activities has significantly reduced execution risk relative to comparable greenfield hydrogen projects.



The project combines secured industrial demand, renewable energy integration, established infrastructure and strategic logistics access, creating a compelling competitive advantage within the emerging green hydrogen market.

A comprehensive set of technical, regulatory and commercial milestones has been completed, establishing a highly de-risked foundation for project financing and construction: completion of pre-feasibility and feasibility studies; allocation and lease of project land within the ELIDZ; establishment of the project SPV; environmental authorisation for plant granted in October 2025; Major Hazard Installation notification completed (the last step for approval is a site visit by the provincial Department of Employment and Labour); solar land allocations secured within the ELIDZ; electricity access and connection through the local Leaches Bay substation; water supply infrastructure confirmed through existing seawater pump station and reservoirs; and conceptual engineering, process design and infrastructure assessments completed.

The project has established relationships with prospective offtakers across automotive, chemicals, packaging, food processing and battery manufacturing sectors, creating a strong platform for long-term revenue generation.

It leverages existing infrastructure to reduce capital intensity, while creating opportunities for industrial localisation, supply-chain development and sustainable job creation.

Green Hydrogen Solutions is seeking a blended financing structure comprising 30% equity and 70% debt, targeting an attractive investor IRR of approximately 15% while maintaining a disciplined risk profile. The project aligns with just energy transition priorities by delivering industrial decarbonisation, enhanced energy security, increased export competitiveness and sustainable employment opportunities.

