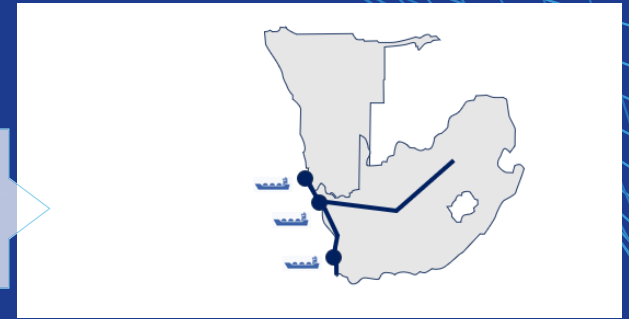


WESTERN CAPE GREEN HYDROGEN PIPELINE



MAP OF THE PROJECT



PROJECT SUMMARY



The development of cross-border Hydrogen Infrastructure between Namibia and South Africa through the establishment of a large-scale green hydrogen pipeline network involving three key Hydrogen hubs - Lüderitz, Boegoebaai/Prieska, and Saldanha Bay - each demonstrating different levels of readiness and development potential.

A phased approach is proposed for this project, beginning with hub development (Phase 0), followed by connecting the hubs via a pipeline (Phase 1), and ultimately expanding to inland industrial centres like Gauteng (Phase 2). A coordinated, inclusive, and phased implementation plan is recommended to ensure the project's long-term success.

PROJECT STATUS



A pre-feasibility study to explore the technical, environmental, financial and socio-economic viability was completed in December 2024.

Findings confirm that such a system is possible and beneficial, offering strong export potential, local economic development, energy security, and decarbonisation. While technically and commercially feasible, the study highlights significant challenges, including infrastructure costs, environmental sensitivities, and the need for cross-border governance.

FINANCIAL NEEDS



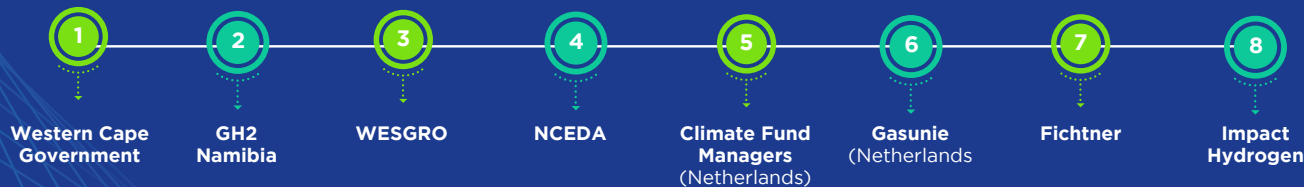
Approximately R53,135 billion or €3.8 billion.

PRIVATE SECTOR OPPORTUNITIES



The evaluation of potential stakeholders, including public and private sector entities, and considering the appropriate balance between local, regional, and international ownership is yet to take place. An analysis of the governance structure to ensure transparency, accountability, and alignment of interests between all parties involved is also needed.

KEY PARTIES



TIMELINE

Pre-feasibility study completed December 2024.

Timeline dependent on project decisions and approvals.