



RSA STRATEGIC LEADERSHIP ON GREEN H2 INDUSTRIALISATION

South Africa has pathfinding projects along 3 commercialisation lanes

MINING AND TRANSPORT

Contributing platinum group metals and/or actively producing hydrogen fuel cells and associated technologies, linked with conversion of heavy vehicle fleets including buses and potentially minibus taxis .

PATHFINDING PROJECT :

Amplats H2 Valley initiative deploying hydrogen-fuel cell mining trucks along a route supported by H2 fuel stations

EXPORT

Producing mass scale Green H2 for export, with flow-over into domestic consumption .

PATHFINDING PROJECT:

Boegoebaai Green H2 Export SEZ, anchored by SASOL, with Export consolidation for smaller producers in partnership with Port of Rotterdam

INDUSTRY

Conversion of existing industries and grids to use Green H2 as a power source , particularly in sectors that will face drop-off in export demand if they don't go green by 2030.

PATHFINIDNG PROJECT:

SASOL partnership with Gauteng Provincial Government to deploy Green H2 industrial power-grids and provide green Av-Gas via OR Tambo

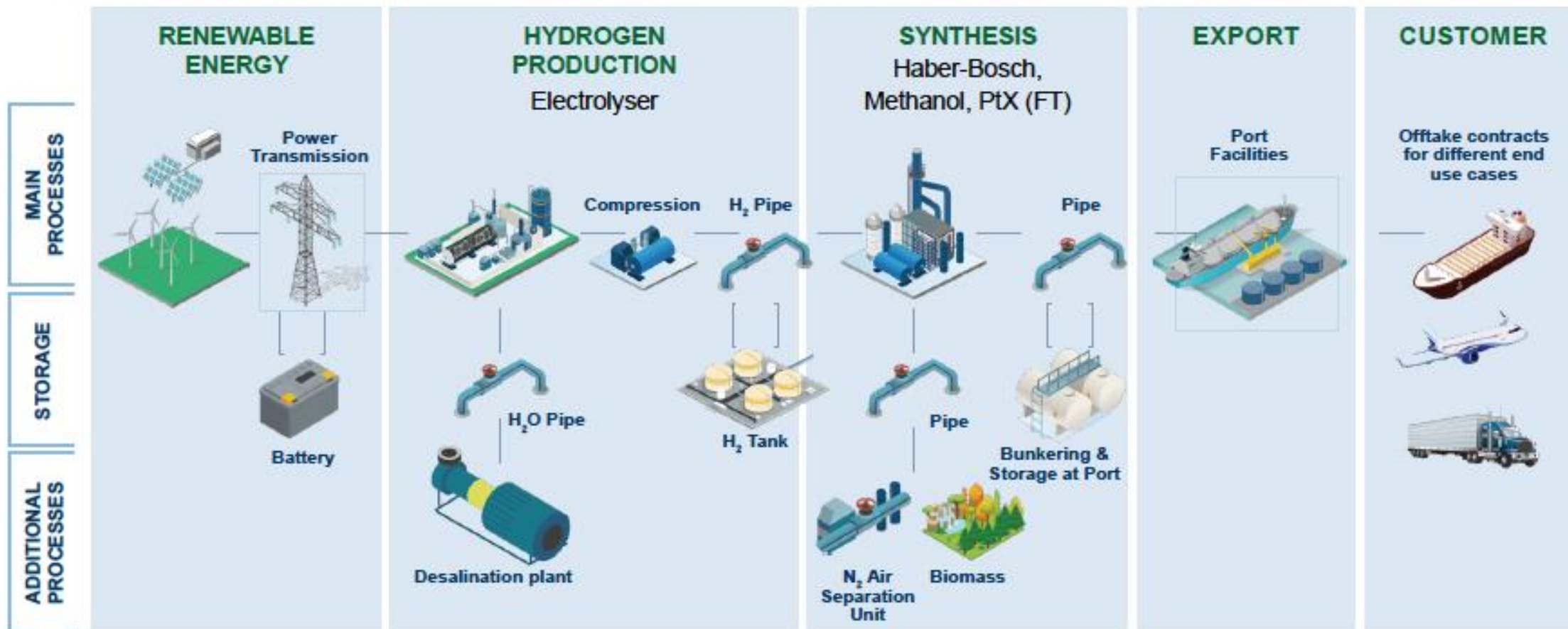
EVOLVING A NATIONAL GREEN H2 STRATEGY: GIZ has allocated EUR12 Million to work with the Presidency and SA Govt as a whole on the new H2SA programme which will **systematically enable these and other pathfinding projects , support the finalisation of a national green H2 strategy and develop a roadmap for how green H2 can accelerate a just transition.**



How Green H2 Powerfuels play into Decarbonised Shipping

The Opportunity for demonstration via the Boegoebaai Green H2 Export SEZ

Opportunities to partner with local and international players across the value chain



ENABLING INFRASTRUCTURE

The Boegoebaai project will be a key catalyst to supporting infrastructure for example, port infrastructure, housing, municipal infrastructure etc.