



International Partnership
for Hydrogen and Fuel Cells
in the Economy

South Africa Update

44th IPHE Steering Committee Meeting

24 - 25 November 2025

Riyadh, Saudi Arabia

Announcements / New Initiatives *South Africa (1)*



- ❑ **G20**: South Africa G20 Presidency-Energy Transitions Working Group
- ❑ **Inter-Ministerial Committee on Hydrogen Economy**: The IMC is set to have its first meeting by December 2025. The DSTI was established as a secretariat of the IMC.
- ❑ **Hive Project**: Following environmental authorisation for the 1 000 MW Carissa wind energy facility, Hive Green Ammonia has now advanced to the front-end engineering design (FEED) stage, so that construction can potentially begin in early 2027 and commissioning in December 2029.

Announcements / New Initiatives *South Africa (2)*

Skills Development:

- The South African Chemical Industries Education and Training Authority (CHIETA) announced that three national hydrogen qualifications have been registered with the Quality Council for Trades and Occupations (QCTO). Namely, Green Hydrogen Technology Practitioner, Green Hydrogen Production Practitioner, and Green Hydrogen Fuel and Storage Transport

JET Skills Desk:

- The Government launched the Just Energy Transition (JET) Skills Desk and Advisory Forum to address the shortage of skills needed for renewable energy, grid expansion and emerging green industries. The JET Skills Desk, housed in the Department of Higher Education and Training, will act as an operational hub.

Approved Policies *South Africa*



Critical Minerals Strategy:

South Africa officially launched its Critical Minerals and Metals Strategy on May 20, 2025, to leverage its mineral wealth for economic growth and the energy transition.

The Integrated Resource Plan (IRP) 2025:

20-year energy plan, focusing on balancing energy security, cost, and environmental impact. Key components include a major increase in renewable energy sources like wind and solar, a new gas-to-power strategy, and the introduction of nuclear power later in the 2030s, with the goal of moving towards a low-carbon future.

Thank you



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