

**FOR IMMEDIATE RELEASE**

## **Unlocking Africa's Hydrogen Potential: Key Project Final Investment Decision (FID) Timeline Analysis**

**February 19, 2025 – Windhoek, Namibia** – Africa, the world's second largest and second-most populous continent, is positioning itself as a frontrunner in the global green energy revolution, with hydrogen emerging as a critical commodity of strategic and national importance across the continent.

Whilst there are many hydrogen projects of myriad scale and end use being proposed across the continent, including Angola, Egypt, Kenya, Mauritania, Morocco, and South Africa, Namibia is putting ambition into action by having already reached a number of key milestones towards FID, on up to five projects.

### **Growing Energy Demand in Africa**

Africa is home to some of the fastest-growing economies in the world, but the continent is also grappling with one of the most significant energy access challenges. Over 600 million people across the continent still lack access to reliable electricity, and nearly 900 million people rely on traditional biomass for cooking, contributing to both energy poverty and significant health risks. However, Africa's energy deficit also represents a unique opportunity to leapfrog outdated, polluting technologies and implement innovative, sustainable energy solutions.

Hydrogen, particularly green hydrogen produced from renewable energy sources, has emerged as a vital part of Africa's energy future. Africa boasts abundant renewable resources, including vast solar and wind potential, which can be harnessed to produce green hydrogen on a large scale. This clean, versatile energy carrier could not only meet domestic demand for electricity but also position Africa as a global supplier of green hydrogen to international markets.

### **How Namibia is Shaping Global Energy: Final Investment Decisions (FID) Charting Africa's Hydrogen Industry Future**

Namibia is leading Africa's transition to a low-carbon economy. Final Investment Decisions (FIDs) on green hydrogen projects are set for 2025. At the forefront of innovation, Namibia is highlighting its vast potential, from synthetic fuel production to equipment manufacturing, driving economic growth and cementing its role as a key player in the global energy transition. As a centrepiece of the Global African Hydrogen Summit, taking place in Windhoek, 9 – 11 September 2025, Namibia's emerging green industries sector represents a powerful investment opportunity for companies worldwide. The country is committed to innovative research and development, sustainable socio-economic advancement, economic diversification, environmental and biodiversity protection and combatting climate change.

The Global African Hydrogen Summit recently published exclusive insights in partnership with the Namibia Green Hydrogen Programme that showcase a FID Timeline as well as Namibia's Green Hydrogen Overview & Report. The insights chart how the Namibian projects are well underway towards their path to FID and project implementation. These projects include the Hylron Oshivela Project, producing green iron for export; Cleanergy Solution developing green ammonia for heavy transport and export; HDF Energy producing green hydrogen and green baseload electricity to the National Grid; Zhero/Envision to produce green hydrogen and green ammonia for export and the Hyphen Hydrogen Energy project which aims to produce green hydrogen and ammonia for export and excess electricity into the grid as well as localisation and export via a pipeline to South Africa.

### **Hydrogen as a Job Creator and Economic Driver**

Beyond its environmental and energy access benefits, hydrogen presents significant opportunities for job creation and economic growth across Africa. The hydrogen value chain, from renewable energy production to hydrogen storage, transport, and usage, offers numerous avenues for industrial development. According to the International Renewable Energy Agency (IRENA), the hydrogen economy could create millions of jobs globally, and Africa stands to benefit enormously.

In Namibia, for example, the hydrogen economy has already started developing skills and building a workforce to support hydrogen production and infrastructure development. The partnership focuses on equipping workers with the technical skills needed for green hydrogen technologies, which will be essential for Africa's energy future.

Moreover, the export potential of African-produced green hydrogen to energy-hungry regions like Europe and Asia could generate significant revenue streams, which could be reinvested into domestic infrastructure and social development projects.

### **Challenges and the Pathway Forward**

Despite the promising opportunities, the hydrogen sector in Africa faces several challenges. First and foremost is the need for infrastructure development. While Africa has an abundance of renewable energy resources, scaling up hydrogen production and creating the necessary infrastructure for storage, transport, and distribution will require significant investment. Additionally, access to finance remains a barrier for many African countries and projects looking to enter the hydrogen market.

Another challenge is regulatory frameworks. Many African countries are still in the early stages of developing hydrogen-specific policies and regulations, which can create uncertainty for investors. However, there is growing recognition among African governments that creating a conducive environment for hydrogen development will be crucial to the continent's energy transition.

## **Conclusion: A Bright Future for Africa's Hydrogen Sector**

Africa's hydrogen sector is at a tipping point. With its abundant renewable energy resources, young workforce, and increasing commitment to sustainability, the continent is well-positioned to lead the global green energy revolution. As governments, businesses, and international partners continue to invest in the hydrogen economy, the future looks bright for Africa's energy sector.

Following the huge success of the inaugural edition of the Global African Hydrogen Summit, the organizing committee is delighted to announce that a sequel edition will take place from 9 – 11 September 2025 in Windhoek, Namibia.

The Global African Hydrogen Summit is held under the official patronage and hosted by the Government of Namibia, endorsed by the Ministry of Mines & Energy of Namibia, held in partnership with the Namibia Investment Promotion and Development Board (NIPDB), and supported by the Namibia Green Hydrogen Council and the Namibia Green Hydrogen Programme (NGH2P).

Themed *Ambition in Action: Fuelling Africa's Green Industrial Revolution*, the dynamic three-day Summit will once again convene heads of state, ministers, business leaders, project developers, investors, technologists and end users from across Africa and around the globe to drive partnerships for, and critical investments and financing into, bankable green energy projects of strategic and national importance across Africa.

**END**

## **About The Global African Hydrogen Summit (GAH2S) 2025**

### **Convening The Global Hydrogen Industry In Namibia**

In its sequel edition, the pioneering three-day Global African Hydrogen Summit will once again convene heads of state, government agencies, industry business leaders, project developers, investors, thought leaders, technologists and end users from across Africa and around the globe to drive partnerships for and critical investments and financing into bankable green energy projects of strategic and national importance across Africa, spanning the hydrogen, renewables, agriculture, mining, power, infrastructure, transportation, mobility and hard to abate sectors.

As a pioneering and innovative investment platform, the Global African Hydrogen Summit will provide a variety of engagement opportunities including CPD accredited educative masterclasses, high level leadership dialogues, a world class strategic conference, project investment roundtables, and an international exhibition and innovation zone.

Participation from across the global energy value chain will include and contribute to:

- **1 High-Level Ministerial Meeting**
- **2 Leadership Roundtables**
- **3 Heads of State**
- **7 Country Pavilions**
- **7 Global African Hydrogen Awards**
- **20 Deal & MoU Signings**
- **25 African & Global Ministers**
- **50 Bankable African Green Energy Projects**
- **45 Partners**
- **60 Countries Represented**
- **150 International Exhibitors**
- **100 Youth Participants**
- **125 Expert Industry Speakers**
- **700 Conference Delegates**
- **1,500 Attendees**

### **Contact Details**

Roshan Jan-Mahomed, Head of Marketing – Africa Email: [info@gah2s.com](mailto:info@gah2s.com)  
[www.globalafricanhydrogensummit.com](http://www.globalafricanhydrogensummit.com)

## **About dmg events**

dmg events is a wholly owned subsidiary of the Daily Mail and General Trust plc (DMGT) an international portfolio of information, media and events businesses.

DMGT manages a diverse, multinational portfolio of companies, with total revenues of around £1 billion, that provide businesses and consumers with compelling information, analysis, insight, events, news and entertainment. Its venture capital business, dmg ventures, holds minority stakes in early-stage businesses and focuses particularly on disruptive consumer media propositions.

Headquartered in Dubai, UAE since 1989 with offices in Canada, Egypt, Nigeria, Saudi Arabia, Singapore, South Africa, Thailand and the UK. dmg events is an international exhibition, conference and intelligence company, attracting more than 1,000,000 attendees to a portfolio of over 80 events each year. This global portfolio works closely with key stakeholders across the industry to facilitate pragmatic dialogue, serving as a platform for the latest discussions at the forefront of change.

For more information on dmg events, visit: <https://www.dmgevents.com/>

## **About The Namibia Investment Promotion And Development Board (NIPDB)**

The Namibia Investment Promotion and Development Board (NIPDB) is mandated to promote and facilitate investment by foreign and Namibian investors, and coordinate MSME activities across all levers of the economy, with the aim of contributing to economic development and job creation.

For more information on how to invest in Namibia, please visit the NIPDB website visit:

<https://nipdb.com/>