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Cleanergy's hydrogen vessel in final design stage in the Netherlands

in Namibia Mining and Energy



Namibia meets 64% of power demand through local generation in May



Energy

Namibia could achieve energy self-sufficiency by 2035

amibia has the potential to meet all its electricity needs from local sources by 2035, but only if energy development is properly planned and supported by policy reform, a parliamentary committee has heard.

Jean Basson. from the Renewable Energy Industry Association of Namibia (REIAoN), told MPs that Namibia's current electricity demand of 600 to 700 megawatts is low by international standards and could be met by five to ten large-scale renewable projects over the next decade.

"I want to make a bold statement today: Namibia has the capacity to achieve full energy selfsufficiency by 2035. It's an ambitious goal but one I firmly believe is within our reach," Basson said.

He said the government must put in place a national energy master plan to coordinate where and how energy is generated, transmitted and accessed.

Basson criticised the modified single buver which limits model. independent power producers to supplying just 30% of a client's energy needs. He said this policy was holding back larger, more viable projects and needed urgent review.

"These efforts should not fall solely on NamPower or the ECB," he said. "We must leverage the private sector and reform limiting regulations like the Modified Single Buyer model."

Basson said energy

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projects should be built where power is needed, not just where profits are highest. He said placing renewable plants near underserved communities would create jobs and improve rural electrification.

He also stressed the importance of grid stability

and called for investment in battery storage, pointing to the newly commissioned Anixas Bay plant as an example.

Basson urged government to avoid selling land to foreign or private developers, suggesting lease agreements instead to keep land ownership in Namibian hands.

"We must ensure these projects benefit all Namibians, especially rural communities, by locating infrastructure where it's needed and involving local people in their construction," he said.

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Mining



AfDB urges Namibia to tighten regulation of mining and energy sectors

African he Development Bank (AfDB) has called on Namibia to strengthen governance and regulatory oversight in its extractive and energy sectors, warning that the country's natural resource wealth remains underutilised and vulnerable to global market shocks.

In its newly released 2025 Country Focus Report, the Bank said that while Namibia is the fourthlargest exporter of non-fuel minerals in Africa and the world's fifth-largest uranium producer, natural capital accounts for just 12 percent of the country's total capital stock.

"The Namibian economy receives revenue through from various taxes the extractive industry, which provides over 15% of the fiscal revenue," the report noted. However, it warned that "dependence on commodity exports exposes the country to global volatility".

The AfDB stressed that stronger institutional and policy frameworks are urgently required to manage resources sustainably.

"Namibia needs to strengthen the regulatory capacities for designing and implementing Environmental and Social Impact Assessments in the extraction of natural resources," the report said.

The Bank also raised concern over the delayed rollout of Namibia's carbon market framework, attributing the setback to the lack of viable pricing in the voluntary carbon market.

"The framework is delayed

due to the voluntary carbon market not guaranteeing economic prices," it stated.

While acknowledging Namibia's ambitions to diversify into green hydrogen, oil and gas, and sustainable tourism, the AfDB cautioned that investment alone would not be enough without proper oversight.

"Namibia uses the UN System of National Accounts 1993 last updated in 2018 with limited accounting for natural capital," it said.

The report underscored the need for public and private sector collaboration develop long-term to governance strategies, particularly in view of the growing interest in upstream oil exploration. "Improved data collection and capacity building will be essential for comprehensive natural capital accounting support sustainable to development and the longterm well-being of the nation," it added.

The AfDB welcomed government efforts to reduce fiscal risk through the establishment of the Welwitschia Sovereign Wealth Fund and a debt redemption fund. However, it stressed that these efforts matched must be by sound policy alignment,

regulatory enforcement, and transparency.

"Balanced monetary policy and countercyclical fiscal policy would continued price ensure stability, and economic while maintaining fiscal sustainability." the Bank recommended

The report concluded that Namibia's long-term

economic future hinaes on its ability to translate resource wealth into broadbased development. "A comprehensive strateav must aggressively diversify the economy by investing resource revenues in nonextractive sectors, promoting local value addition, and supporting youth/SMEs," the AfDB stated



Energy



Cleanergy's hydrogen vessel in final design stage in the Netherlands

Leanergy Solutions N a m i b i a ' s construction of Africa's first hydrogenpowered vessel is underway in the Netherlands. The ship, a multi-purpose harbour utility vessel, is in the final stages of technical design, with steel cutting and physical construction already in progress.

According to Suzie Shefeni, Research Associate at the Institute for Public Policy Research (IPPR), the vessel is powered by dualfuel hydrogen engines and is expected to undergo sea trials by the end of 2025 before being handed over to Namport.

"Another feature of the Cleanergy Solutions project is the construction of the first hydrogen-powered ship in Africa. This multi-purpose harbour utility vessel is in the final stages of technical design in the Netherlands, where steel cutting and construction has begun," Shefeni stated in a recent report.

Shefeni noted that the broader Cleanergy project is currently in the installation and commissioning phase. The hydrogen refuelling station, initially expected to be operational in the fourth quarter of 2024, is now anticipated to be fully functional by mid-2025.

"The Walvis Bay Cleanergy site currently features a 6.5-hectare solar park with over 7,000 bifacial panels," she added.

She also said that Cleanergy plans to expand its operations inland, due to the impact of fog and sandstorms at the coastal The hydrogen refuelling station, initially expected to be operational in the fourth quarter of 2024, is now anticipated to be fully functional by mid-2025.

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site.

"The Arandis site will see the development of 2,000 hectares of land for 1GW of solar energy generation and 500MW of hydrogen production," said Shefeni.

Cleanergy said the vessel is being developed in partnership with CMB. TECH, the Port of Antwerp-Bruges, and Namport.

The company stated that the vessel, officially termed a Multifunctional Port Utility Vessel (MPHUV), is designed to integrate a variety of port operation equipment and will use dual-fuel hydrogen engines.

Cleanergy added that the Port of Walvis Bay and Namport were chosen to operate the vessel involvement The port's will provide input during development and help refine the design based on operational feedback once the vessel is commissioned





Energy

Kaoko Green Energy seeks N\$395 million for pilot e-methanol project in Erongo

amibian energy firm Kaoko Green Energy Solutions is seeking N\$395 million to develop its SKORPION pilot project, which aims to produce e-methanol for use in the commercial shipping sector.

Of the total amount, N\$91 million (€4.5 million) is earmarked for preconstruction development, including feasibility studies, environmental assessments and infrastructure planning, while the remaining N\$304 million (€15 million) will go towards reaching financial close.

Kaoko Green Energy cofounder Gerson Nasau confirmed that the company has already secured a soft commitment for half of the project's total capital expenditure. "The capital expenditure is for the whole infrastructure," Nasau said. "This includes the hydrogen component and the biogenic carbon dioxide part, and then the green hydrogen has come from a renewable source, so the solar park, the wind turbines, and the ponds where we will arow



our algae and seaweed that gives us biogenic."

The SKORPIoN project is being developed in partnership with South African biofuel firm SeaH4 and will be based on a 20-hectare site provided by the Erongo Regional Council. The site will include a 10MW renewable energy park to power the production process.

According to Nasau, the pre-construction funding will support the groundwork for the project. "The \in 4.5 million is to get all our assessments and studies, feasibility in place and

everything related to that before the construction phase. So basically the whole infrastructure map in that area," he said.

The project is expected to produce e-methanol at a

target price of US\$580 per tonne, using desert-farmed algae to capture carbon dioxide and generate a sustainable feedstock.

In 2023, Kaoko Green Energy signed a memorandum of understanding with Finnish company AW-Energy to explore the use of WaveRoller technology near Wlotzkasbaken for green hydrogen production.

Energy



Namibia meets 64% of power demand through local generation in May

amibia gener 64.4% of domestic elect requirements in

generated of its electricity in May 2025, producing a total of 279,548 megawatt-hours (MWh), according to the Namibia Statistics Agency (NSA).

This contribution remained broadly unchanged from April 2025 and May 2024.

Total electricity supplied to the domestic economy in May reached 434,154 MWh — a 12.9% increase from April and 9.2% higher than in the same month last year.

"The Ruacana Hydro Power Station was the largest contributor to local generation, producing 88.0% or 245,900 MWh of total local output, followed by Independent Power Producers with 9.4% and the Omburu PV Solar Power Station with 1.6%," the NSA said.

Electricity imports accounted for 35.6% of total supply in May, amounting to 154,606 MWh. Imports rose by 37.3% from April, following a significant drop in the previous month.

"Zambia was the largest source of imported electricity, supplying 42.9% of total imports, followed by South Africa with 38.1%. Zimbabwe, Eskom Orange River, and the Day-Ahead Market under the Southern African Power Pool (SAPP) contributed 8.2%, 6.9%, and 4.0% respectively," the NSA said.

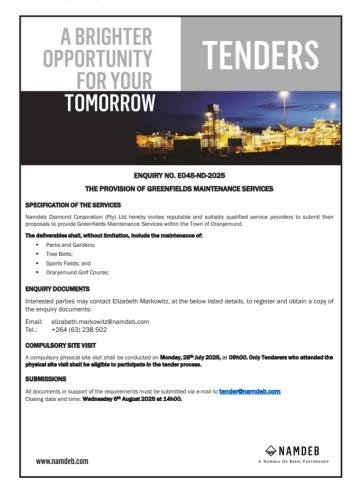
Electricity sales grew by 12.6% month-on-month to 379,603 MWh in May, although this remained 15.2% below the level recorded in May 2024. Domestic sales rose by 4.8% from April, driven largely by redistributors who accounted for 66.0% of total sales.

"Mines received 27.1% of domestic electricity sales, while Eskom Orange River accounted for 3.4%. Farms and commercial consumers made up 1.2% and 0.7% respectively," the NSA reported.

Electricity exports saw a

sharp month-on-month increase of 82.7%, reaching 61,873 MWh. The bulk of exports (96.5%) were channelled to STEM sales under the SAPP.

"Botswana was the second-largest export destination with 2.0%, followed by South Africa with 0.8% and Angola with 0.7%," the NSA added.



Energy



NAMPOA appoints new chair and vicechair, welcomes NAMCOR to board

The Namibia Petroleum Operators Association (NAMPOA) has announced key changes to its board, with Shell Namibia's Country Chair, Eduardo Rodriguez, appointed as the new Chairperson.

Rodriguez takes over from

Klaus Endresen, who stepped down after serving two terms as Chairperson and more than 30 years in the industry. Endresen, a founding member of NAMPOA since its establishment in 1992, will continue to serve on the board as a representative of BW Kudu.

NAMPOA said the new appointments signal a "renewed strategic focus" as it looks to strengthen its role in coordinating dialogue and engagement within the country's growing oil and gas sector.

The board has also appointed Selma Usiku, Non-Executive Director at Eco Atlantic Oil & Gas, as Vice-Chairperson. NAMPOA described her appointment as "a notable milestone in the advancement of women in Namibia's energy leadership".

The national oil company NAMCOR now has a seat on the board, with the appointment of Saave Nakashole, its New Ventures Manager for Upstream Development and Production.

NAMPOA said this inclusion brings "the vital perspective of Namibia's National Oil Company, ensuring a more holistic and nationally aligned approach to the Association's work".

Rodriguez, Usiku and Nakashole will join continuing board members Diogo Martins, Country Manager at Galp, and Laurent Roché, Country Manager at TotalEnergies.

"These appointments come at a pivotal time for the Namibian energy sector," NAMPOA said.

"As offshore discoveries and exploration activity continue to place the country on the global petroleum map, their collective expertise will be instrumental in guiding NAMPOA's strategic direction and engagement efforts."

As part of its broader institutional strengthening, NAMPOA has also appointed Suoma Andreas as its Administrative Coordinator, effective 16 June 2025.

The newly created role is aimed at supporting daily operations, member engagement, and internal communication.

Andreas holds legal and compliance qualifications from the University of Namibia, the University of Cape Town. and Stellenbosch University. and brings over a decade of governance experience across the investment, e-banking, micro-lending and mining sectors.

NAMPOA. founded in 1992, is a non-profit industry association that represents upstream petroleum companies active in Namibia. It serves as a platform for engagement between the oil and gas sector, government, and the public, and advocates for responsible the development of the country's hydrocarbon resources.

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Mining



Mining output rebounds in May, driven by zinc, gold and diamonds

Amibia's Mining Production Composite Index rose by 6.4% in May 2025, recovering from a sharp contraction of 11.8% in April, according to the Namibia Statistics Agency (NSA).

The monthly increase was largely driven by higher output of zinc concentrate and contained, gold bullion, and diamonds, although uranium production declined during the same period.

Overall, the 6.4% monthon-month growth and a 32.8% year-on-year increase point to a positive trend for the mining sector in mid-2025.

Production of zinc concentrate and contained rose by 12.1% in May, reversing a steep 45.2% drop in April. On an annual basis, the index registered a slight increase of 0.2%.

Gold bullion output grew by 11.5% in May, following a 9.8% decline the previous month. Year-on-year, the gold production index rose by 15.8%, the NSA noted.

Diamond production increased by 10.8% in May, after falling by 17.3% in

April. Compared to May 2024, diamond output surged by 51.0%.

The recovery in zinc, gold and diamond production suggests improved operational performance and potentially stronger demand in global markets. Uranium was the only commodity in the index to record a monthly decline. Output fell by 8.9% in May, reversing the 9.7% growth seen in April. Despite this drop, uranium production was still 14.1% higher than a year earlier. The rebound in mining activity is notable, given the sector's critical role in the Namibian economy. However, the decline in uranium output highlights ongoing challenges within that segment, despite its annual gains.

Energy

Shell Global VP meets Namibian President on exploration plans

delegation from oil major, Shell led by Eugene Okpere, Shell's Executive Vice President for Exploration Strategy, Portfolio, Integrated Gas, and Upstream, has met with President Netumbo Nandi-Ndaitwah to discuss the company's ongoing activities and future plans in Namibia's oil exploration sector

Durina the meeting, the President expressed appreciation for Shell's investment in Namibia and reaffirmed the country's openness to investors who contribute national to development.

Shell used the visit to outline its continued interest in Namibia and provide an update on its exploration



strategy.

The engagement follows a similar visit in April by TotalEnergies Chief Executive Officer Patrick Pouyanné, who also met with the President in Windhoek.

Namibia has attracted significant interest from global energy companies in recent years, following several major offshore oil discoveries. These developments have positioned the country as an emerging player in Africa's oil and gas sector.

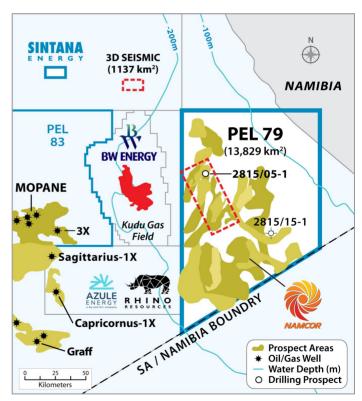
Energy

Sintana Energy secures one-year extension for Namibian exploration licence

Sintana Energy Inc has secured a 12-month extension of Petroleum Exploration Licence 79 (PEL 79) in Namibia's Orange Basin, with the licence now valid until July 2026.

The extension, which covers offshore blocks 2815 and 2915, was granted by the Ministry of Industries, Mines and Energy and comes amid growing exploration activity in the basin.

PEL 79 is operated through a joint venture led by the National Petroleum Corporation of Namibia (NAMCOR), which holds a 67% interest, while Giraffe Energy Investments owns the remaining 33%. Sintana Energy maintains a 49%



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indirect interest in Giraffe.

Sintana said the licence is situated inboard of areas held by BW Energy, Rhino Resources and Shell, and benefits from extensive existing data, including over 4,760 km of 2D seismic, 1,137 km² of 3D seismic, and one exploration well that encountered gas shows in the Kudu source rock.

The company described the acreage as being in "increasingly active an sub-basin" with proven oilweighted potential. It noted that Rhino Resources' recent Capricornus-1X discovery on the adjacent PEL 85 flowed more than 11,000 barrels per day of light oil from a 38-metre net oil-bearing reservoir, with minimal gas. Rhino is expected to drill its Volans prospect in the third quarter of 2025, and has up to two additional optional wells planned.

In parallel, BW Energy has acquired 4,600 km² of new 3D seismic data on neighbouring PEL 3, west of PEL 79, and is preparing to drill the Kharas well later this year.

Sintana CEO Robert Bose praised NAMCOR's role in securing the additional exploration period.

"Extending our exposure during a period of significant offset activity positions us to

The potential for high-impact progress on PFI 79 adds to the prospect for significant developments across our Namibian offshore portfolio.

fully realise the geologic, commercial, and strategic value of PEL 79," he said.

"The potential for highimpact progress on PEL 79 adds to the prospect for significant developments Namibian across our offshore portfolio. We expect material progress on all our licences over the comina quarters."



DESCRIPTION

DESCRIPTIONC The long-term sustainability of Debmarine Namibia is critical and requires the overall profitability of the company aided by investments in a portfolio of interventions for production expansion and stay-in business capital projects. Therefore, Debmarine Namibia invites experienced Engineering, Provincement and Construction Management (PEOM) service provides that can conduct the full spectrum of project phases in multidisciplinary projects related to the mining and construction industry in accordance with mature project development and investment models.

- EPCM COMPETENCIES REQUIRED: The Engineering, Procumenet and Construction Management (EPCM) service provider must be able to demonstrate: 1. A successful track record in delivering the full scope of project phases relevant to multidisciplinary Greenfields and Brownfields mining.
- A succession track record in dementing the tail solution of polec phases reveal to minimise and solutions and and construction infrastructure projects. Adequate project management, project controls, project procurement and project engineering competencies, qualifications, experience controls, systems and processes for sourcessful project delivery of multidisciplinary capital projects.

DOCUMENTS TO SUBMIT:

- Business profile Track record: comprehensive detail and references of at least 3 previous large multidiscipline capital projects to demonstrate project performance on: 2
- performance on: Project safety performance and metrics used; Project cost performance and controls / metrics used to track cost performance; Project schedule performance and controls / metrics used to track project schedule performance; C)
- 4.
- Project schedule performance and controls // metrics used to track project schedule performance; Project scope/quality performance and metrics/ criteria used to measure project quality performance. A demonstration of competencies in the application of best Project (Management and Engineering practices and standards in multidisciplinary capital projects (stor parcopital criteria) and provide criteria qualifications). To demonstrate competency and understanding of projects of this nature, by providing a high-level study work plan for a Conceptual Study for a typical multidisciplinary capital criteria criteria criteria qualifications. The conceptual study work plan for a Conceptual Study for a typical multidisciplinary group certering considerations of minored performance in technical solution, improved maintainability and cost efficiency and induces associated with a concept study of this nature, A work breakdown structure (MSS) for the typical deletae bassociated with a concept study of this nature, emin
- A work roseacown structure (vibs.) or in dipolar elevinetaiae associated win a doncept stuoy or this nature); A resource management plan (clear) indicating the descipiles and efforts needed for a concept study of this nature); A high-level schedule and schedule management plan for the concept study; A high-level schedule and schedule management plan for the concept study (Net: the cost will not be for contractual purposes and will only be used to determine understanding and competency).

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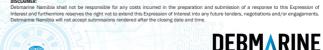
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DISCLAIMER-



Energy

Namibia doubles renewable energy capacity in five years

A amibia has doubled its installed renewable energy capacity over the past five years and is increasingly sourcing its domestic electricity from clean energy, according to Deputy Prime minister and Minister of Industries, Mines and Energy, Natangwe Ithete

Speaking during his keynote address at the Parliamentary Green Investment Dialogue held in Walvis Bay, Ithete highlighted the government's ongoing efforts to drive the energy transition while linking it to national development goals.

"Namibia has doubled its installed renewable energy capacity over the past five years, now sourcing some of its domestic electricity from renewable sources," he said.



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"Projects such as the 30MW Omburu Solar Plant and the upcoming electrification of rural health facilities and schools using solar PV are examples of clean energy solutions meeting human development needs."

Ithete said the country recently joined the Global Biofuels Alliance, reinforcing its commitment to reducing net carbon emissions and expanding its renewable energy portfolio.

He also pointed to the growth of green hydrogen as a key part of Namibia's future energy mix, with largescale projects underway in the Tsau //Khaeb National Park and other areas. These initiatives are being developed in partnership with international investors and are expected to utilise Namibia's significant solar and wind resources for both domestic consumption and export.

"To ensure that our green transition is backed by innovative and blended financing, the Government of Namibia, in partnership with development partners, launched the Sustainable Development Goals (SDGs) Namibia One investment platform," he said.

The government has also introduced the Green Hydrogen Scholarship Programme to train Namibian youth in technical and professional skills required for the country's clean energy future.

Ithete called on lawmakers to ensure that the benefits of green investment are inclusive and reach all parts of society.

"Namibia's green energy journey is not just a climate strategy , it is a national development necessity. We are not waiting to act. We are building the infrastructure, partnerships, institutions, and ecosystems necessary to thrive in a carbon-constrained future," he said.

He urged Parliament to help maintain a supportive legislative policy and environment to ensure that the iobs. infrastructure. skills and environmental gains from green investment women, benefit youth and rural communities in particular.



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Energy

Namibia has potential to join OPEC, says Secretary General

amibia could one day join the Organisation of the Petroleum Exporting Countries (OPEC), provided it meets the necessary criteria, OPEC Secretary General Haitham al-Ghais has said.

Al-Ghais said the organisation is in discussions with several African nations regarding possible membership, naming Namibia as one of the countries with potential.

"I have held meetings with a number of African countries, for example, Senegal. Namibia has potential in the future. But I cannot make an official statement regarding the accession of new members," al-Ghais told TASS.

He emphasised that any new member would need to align with OPEC's objectives and be a significant oil exporter.

"We are always open to accepting new members into OPEC if they meet the organisation's criteria. Obviously, these countries



should have similar goals to other OPEC members. They should also be significant exporters," he said.

This comes after OPEC announced last year its interest in exploring potential collaboration with Namibia, as the country prepares for its first offshore oil production by 2030.

Significant oil and gas discoveries have heen made in the Orange Basin since 2022. Experts believe these finds only hint at the vast potential of Namibia's hydrocarbon basins, with the country poised to Africa's fourthbecome largest oil producer.

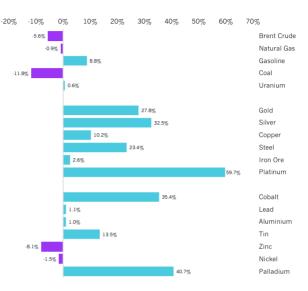
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Commodities

Price Movements

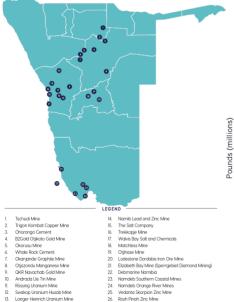
Commodity	Last Price (USD)	Change	
		Weekly	Monthly
ENERGY			
Brent Crude	70.47/bbl	0.2%	-8.1%
Natural Gas	3.6/MMBtu	8.6%	-9.8%
Gasoline	217.73/gal	- 0.4 %	-5.7%
Coal	110.5/t	-1.3%	3.9%
Uranium	72.2/lbs	-3.9 %	3.3%
METALS			
Gold	3354.2/t oz	0.0%	- 0.5 %
Silver	38.29/t oz	- 0.3 %	4.3%
Copper	550.95/lbs	- 0.9 %	0.0%
Steel	875/t	- 0.2 %	1.3%
Iron Ore	97.18/t	0.5%	10.4%
Platinum	1449.4/t oz	4.9 %	9.7%
INDUSTRIAL			
Cobalt	32898.5/t	0.0%	0.0%
Lead	1973/t	-2.4 %	-0.2%
Aluminium	2578/t	- 1.0 %	1.1%
Tin	33014/t	- 1.9 %	2.3%
Zinc	2737/t	- 0.1 %	3.7%
Nickel	15096/t	- 0.7 %	1.2%
Palladium	1284.21/t oz	6.9%	22.5%

Year to Date Price Changes

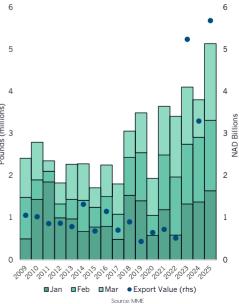


Source: Bloomberg *as of 16:30, 18 July '25

Map of Mines in Namibia



Uranium Oxide Production



Source: Chamber of Mines of Namibia