



Margareth Gustavo  
Executive Director: Strategy & Branding

# Standard Bank Biomass Fair 2023

8 September 2023



# NIPDB

Namibia Investment Promotion & Development Board

Office of the President

# OUR MANDATE

Investment  
Promotion and  
Facilitation.

MSME  
Development.



# WHAT WE DO OVERVIEW

# NIPDB - AN ENABLER

- 1 Identify, develop and assess investment projects for viability and social economic impact, including need for local and public sector participation. Identity new sectors of growth.
- 2 Business Policy Reforms, Branding Namibia as a preferred investment destination and promoting effective engagement between the public and private sectors
- 3 Coordinate and implement programs and policies that will create an enabling ecosystem for MSMEs & Startups
- 4 Playing an active role in skilling Namibia and getting our workforce 4IR ready as well as promoting enabling labour laws and practices
- 5 Business Facilitation Services including state of the art one stop shop investor services, aftercare, compliance reviews and aiming to resolve investor disputes.

**Supported by Efficient and Effective Internal Processes and Systems**

# Why we exist: Unlocking opportunities: enabling a better quality of life for all Namibians

**What we do: Facilitate trust relationships to attract and retain sustainable investment for private sector-led and inclusive economic growth.**



**Unlock  
Investments  
to create new,  
quality  
sustainable  
jobs**



**Targeted  
support for  
development  
and  
scalability of  
the MSME  
sector**



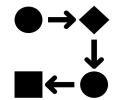
**Improve  
Namibia's  
Competitiveness  
score**



**Improve  
Namibia's  
Ease of Doing  
Business**



**Ensure that  
skills are  
aligned with  
investment**



**Optimize  
operational  
efficiency and  
governance**

**How do we behave: No-one left behind, Accountability, Making a difference, Integrity, Brilliance, Innovation, Agility**



# OUR PRIORITY SECTORS



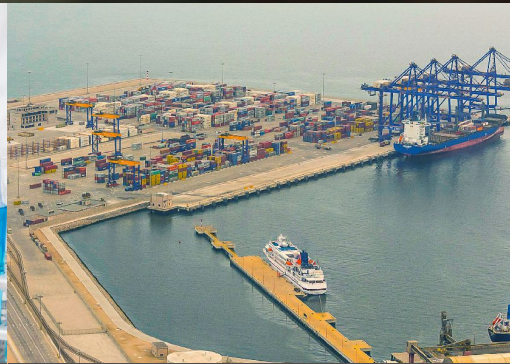
**Renewable Energy**



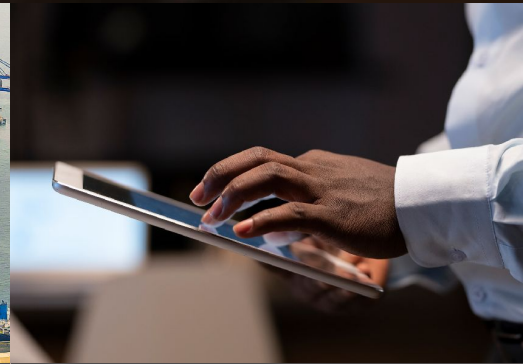
**Food Industry**



**Chemicals & Basic Materials**



**Transport and Logistics**



**Business Services**



**Metals, Mining & Adjacent Industries**



**Machinery & Electronics**



**E-Commerce**



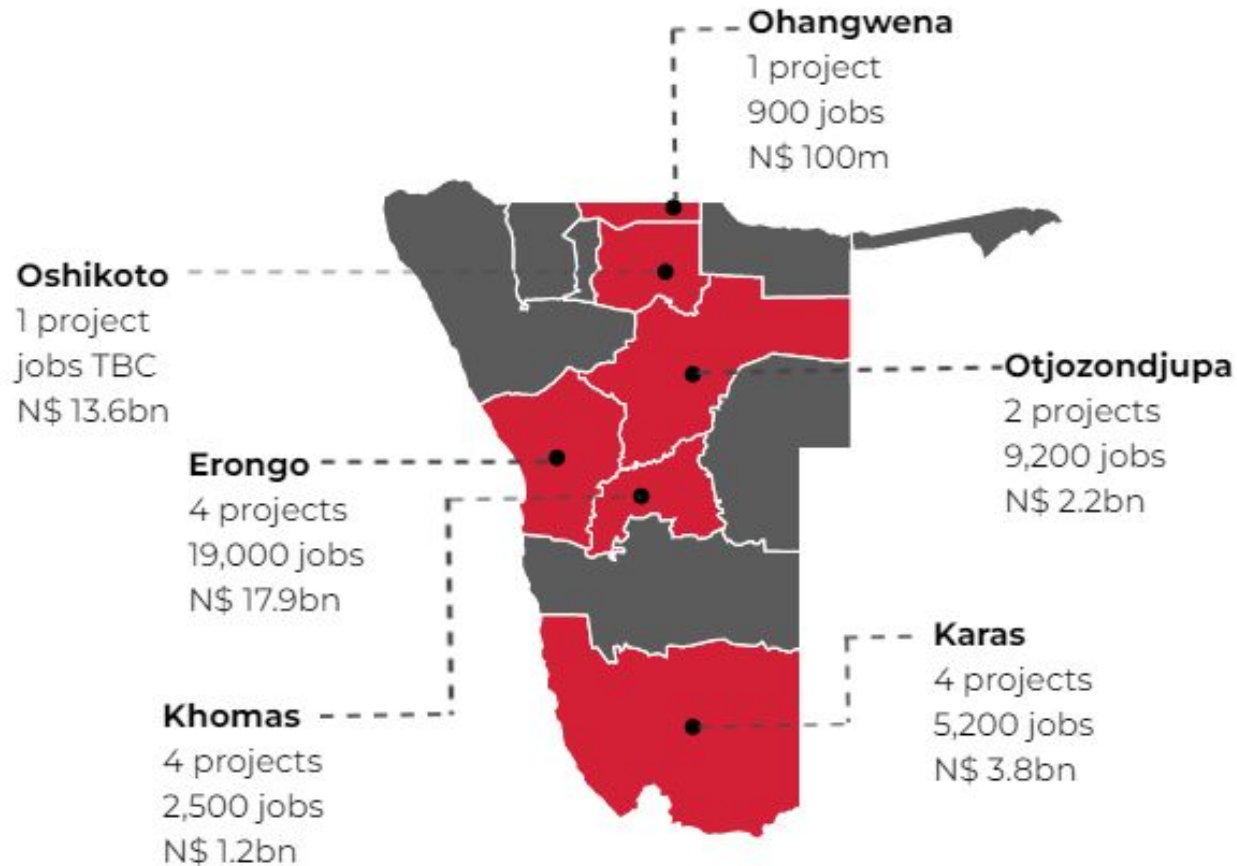
**Tourism**



**Exploration (Mining and Oil & Gas)**

# POTENTIAL PRIVATE INVESTMENT PIPELINE

*We are currently facilitating projects across Namibia (FID)...*







# ENERGY



# NAMIBIA'S ENERGY SECTOR



## Oil and Gas

Total and Shell discoveries estimation ~3.7 bn barrels.

Potential reserves: #4 in Sub-Saharan Africa and #27 Globally.

Total Energies is mobilising USD ~300m, 50% of their 2023 global exploration budget to Namibia.

Shell investing USD ~124m in appraisal wells.



## Green Hydrogen

Namibia is in the Top 5 countries that can produce clean hydrogen at competitive prices of ~USD1.5/kg.

- Hyphen Project to inject USD ~10bn in FDI into Namibia's economy.
- 4 smaller pilot projects attracted an additional EUR ~30m in FDI grant funding.
- SDG Namibia One Fund is a blended financing platform, to attract EUR 1bn in FDI for GH2 projects



## Renewable Energy

Past 5 years notable FDI flows:

- 21 IPPS in 196 MW generation capacity.
- 5 investors in 54.5 MW embedded generation capacity.
- In the Modified Single-Buyer pipeline, 17 IPPs will invest in 1.32 GW generation capacity.



## Uranium

- Namibia is the 2nd largest producer in the world.
- Namibian mines are capable of providing 10% of the world's mining output.
- There is strong government support for expanding uranium mining and private sector interest in using nuclear power, which we are still exploring as it is not yet part of our energy mix.

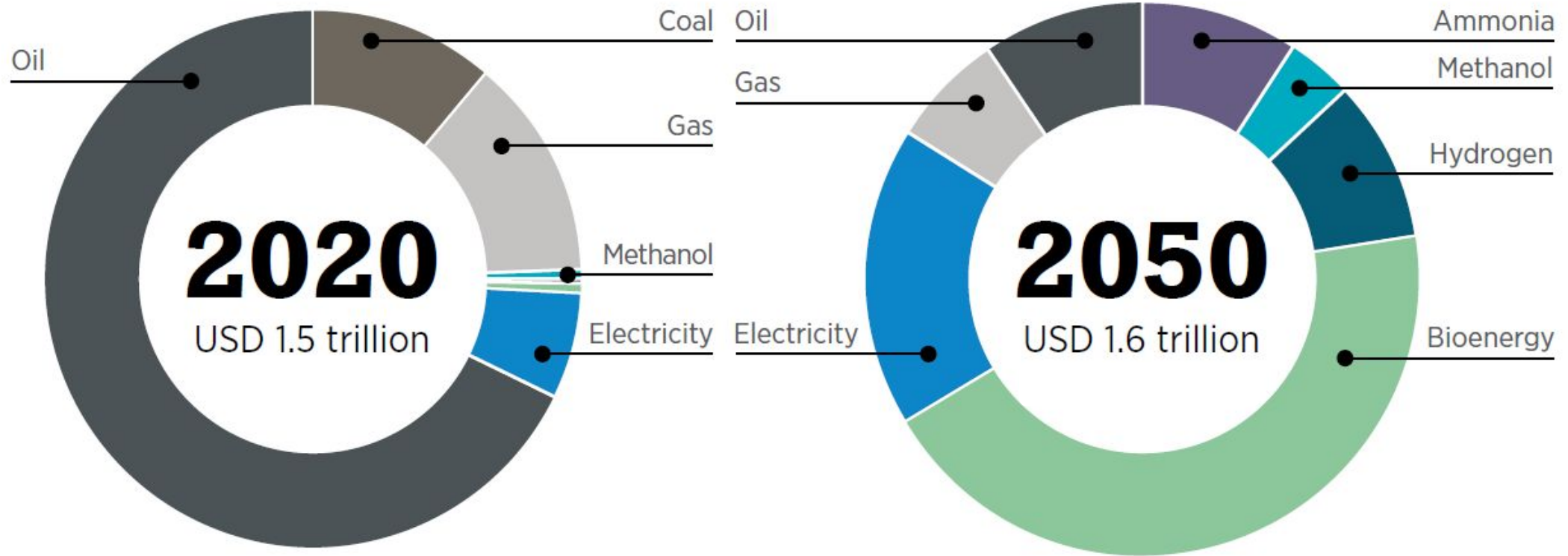


## Biomass

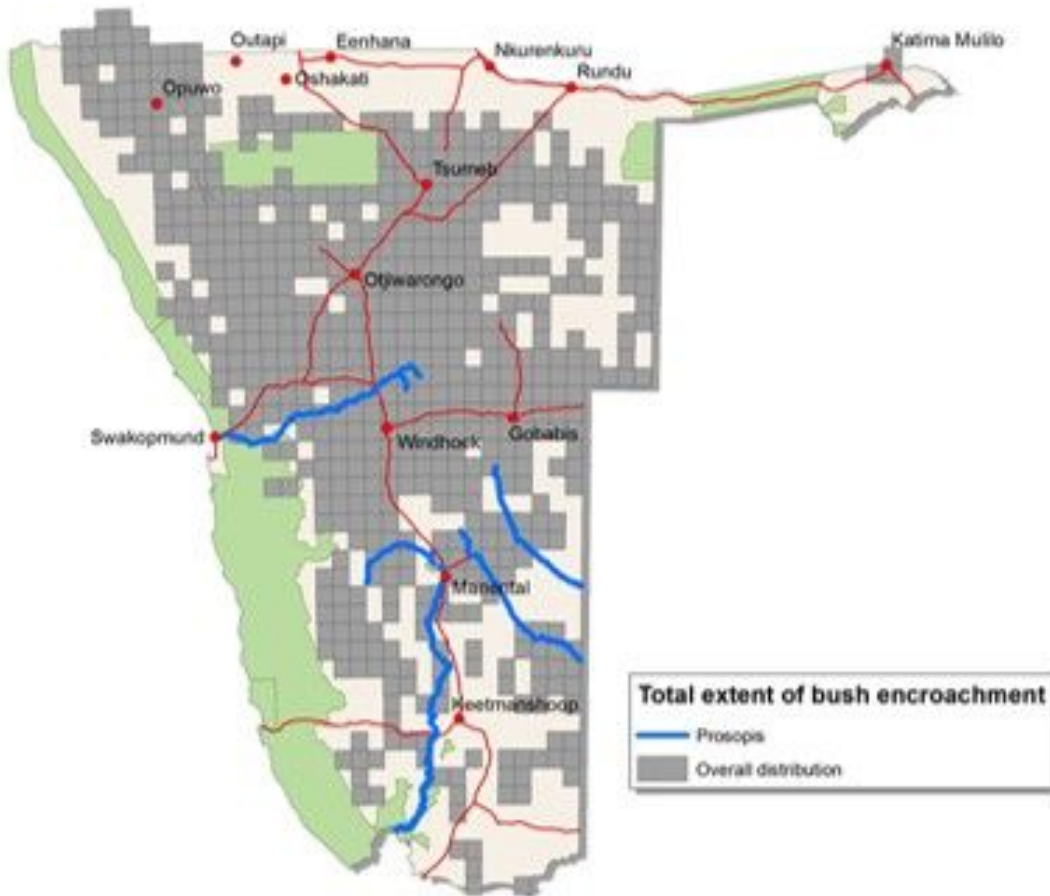
In the bioenergy sector, the use of invasive bush wood (encroacher bush) offers potential for biomass plants to produce and use wood chips, biochar, pellets or for wood gasification.

- Up to 45 million hectares were affected by bush encroachment.
- Currently, only 10% of the biomass potential is commercially exploited.

# Trade in Energy Commodities 2020-2050



# Namibia's Potential for Biomass



- Bush encroachment affects about 45 million hectares of land, multiple ecosystems and land use in the country, both in communal and commercial areas.
- Only 10% of the biomass potential is commercially exploited.
- Biomass sector currently employs approx. 1% of the Namibian agricultural sector's workforce, with an estimated 10,000 workers in the charcoal value chain.
- Strong demand for woody biomass both locally and internationally.
- Opportunity for growth in investments and employment in the biomass industry.



# Investment Opportunities in Biomass Value Chains

- Opportunities include:
  - Venture capital funding;
  - Production: bush-to-feed, charcoal, wood chips, biochar, and pellets;
  - Leasing of harvesting equipment;
- NIPDB works to support and resolve constraints faced by investment projects at their various stages.

# SPOTLIGHT - COLLABORATION TO REALISE INVESTMENT: PYRONAM BIOCHAR



A subsidiary of a German company that is producing biochar and working to expand its facilities in Namibia.

The end product will be used as a soil amendment to improve soil quality and fertility in Namibia.

There are currently no certified biochar producers or products in Namibia, as the use of biochar in agriculture is still in its early stages.

## How Namibia will win:

Each plant will employ up to 16 permanent workers and additional same amount at harvest farm seasonal employees during harvesting.

NUST is being consulted to bring the European Certification Agency (Swiss-based) to Namibia to open their first office in Africa.

Namibia will benefit as a country as negative emission certificates or Carbon Sink Certificates will be issued in favour of Namibia.

The project started its initial operations during 2022 and is groundbreaking five additional sites this year.

**2028**



**5,600**

Permanent



**5,600**

Seasonal

Expected Jobs

## Planned Plants

Period/Year	Cumulative Number of Plants
2023	6
2024	18
2025	36
2026	72
2027	108
2028	350
2035	1,000

# NIPDB... Your Partner for Investment in Namibia

- We are the first port of call for all investment-related enquiries;
- We exist to unlock opportunities for investment, employment and economic growth;
- We also connect MSMEs to opportunities for scaling and accessing markets.
- We have a voice at decision-making levels of the Government;
- Early cooperation with us helps to understand the project right from the start and makes it easier to intervene when the need arise;





# Thank You

**For enquiries contact:**

Margreth Gustavo – Executive Director: Strategy & Branding

Email: [margareth.gustavo@nipdb.com](mailto:margareth.gustavo@nipdb.com)



# NIPDB

Namibia Investment Promotion & Development Board

Office of the President