



NAMIBIA'S OIL AND GAS STRATEGY

Setting the scene

**Maggy Shino,
Petroleum Commissioner**

16 August 2023
Windhoek



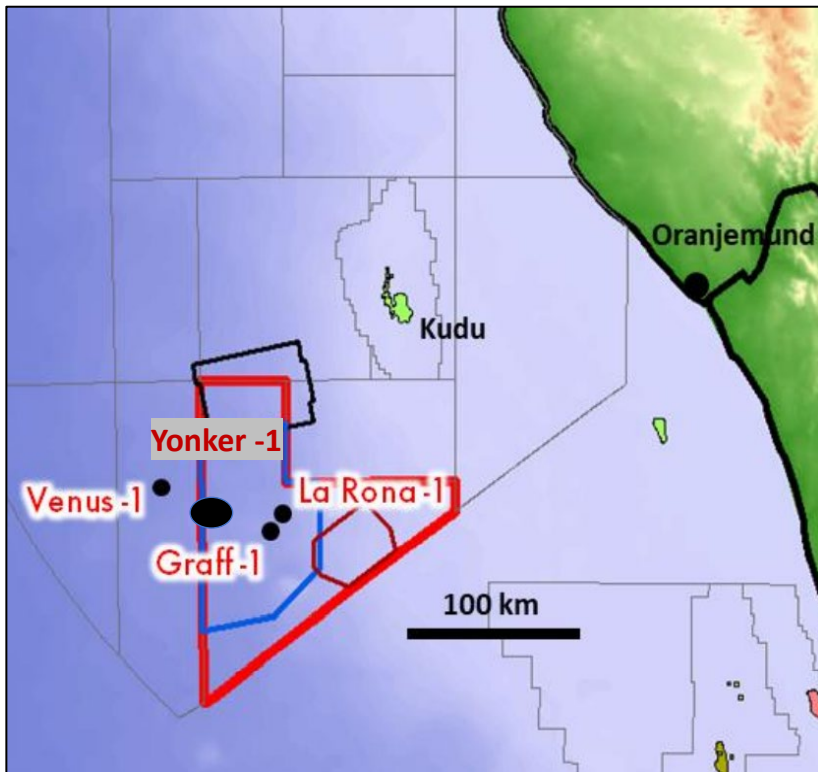
Oil Discoveries



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1. Oil Discoveries

Shell Discovery – Graff-1 Well



Petroleum Exploration Licence (PEL) No.: 39

Location: Offshore Namibia, 250 km from Oranjemund

Estimated size of Discovery: 250 – 400 million barrels

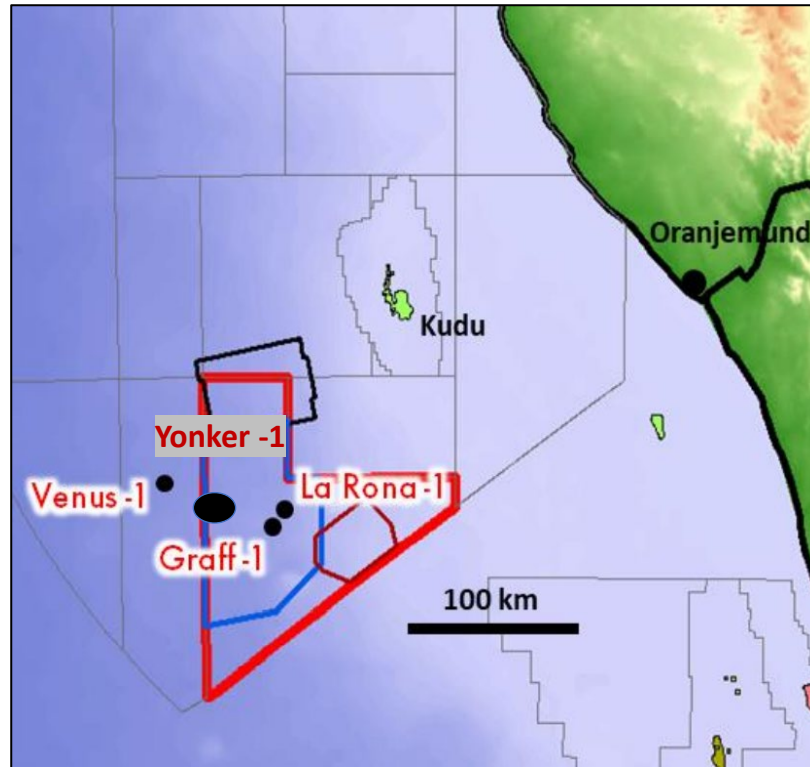
Type of Oil: Light crude oil

Discoverers:

Company	Interest
Shell Namibia Upstream B.V. (Operator)	45%
Qatar Energy LLC	45%
Namcor (<i>carried interest</i>)	10%

2. Oil Discoveries

Shell Discovery – Yonker-1 Well



Petroleum Exploration Licence (PEL) No.: 39

Location: Offshore Namibia, 270 km from Oranjemund

Estimated size of Discovery: 300 – 400 million barrels

Type of Oil: Light crude oil

Discoverers:

Company	Interest
Shell Namibia Upstream B.V. (Operator)	45%
Qatar Energy LLC	45%
Namcor (<i>carried interest</i>)	10%



3. Oil Discoveries...cont.

TotalEnergies Discovery – Venus -1 Well

Petroleum Exploration Licence (PEL) No.: 56

Location: Offshore Namibia, 300 km from Oranjemund

Estimated size of Discovery: 2 billion barrels

Type of Oil: Light Crude Oil

Discoverers:

Company	Interest
TotalEnergies EP Namibia B.V.	40%
Qatar Energy LLC.	30%
Impact Oil and Gas Ltd.	20%
Namcor (<i>carried interest</i>)	10%





KUDU- Progressing to power the future

Kudu is now fully integrated for success



- All scopes progressing: Front End Engineering & Design continuing
- SEMI floating production platform purchased
- Key power sales arrangements progressing
- Target first power 2026 to national and regional markets
- Pipeline and powerplant in Luderitz near various windfarms

Kudu Gas



Ministry of Mines & Energy
"promoting Zambia's mineral, geological and energy resources"

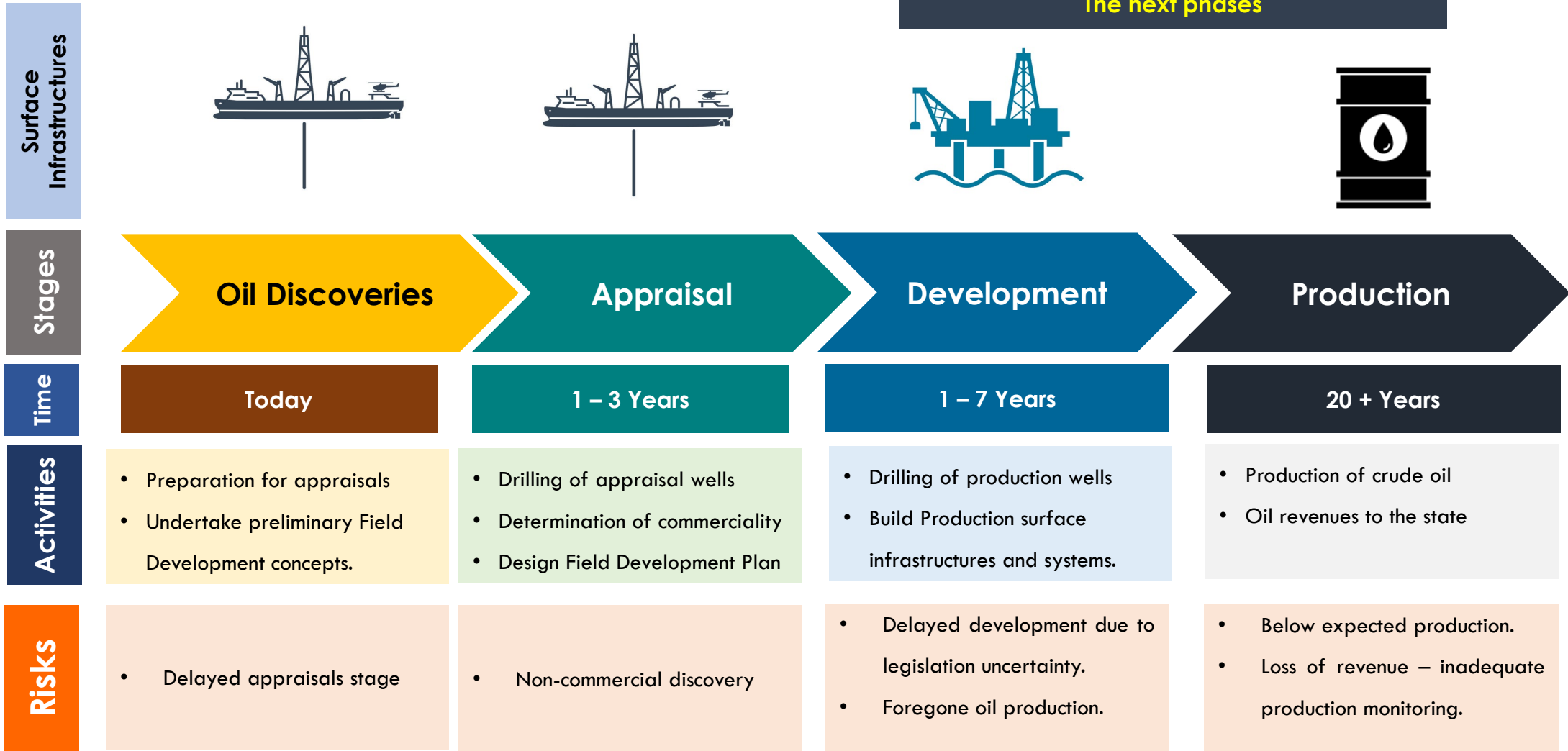


- A project backed by existing infrastructures
- Providing an energy transition solutions
- A provider for baseload power enabling renewable energy IPP
- Provides energy security for the region
- A sound investment as both upstream and downstream feasible



Journey to Production

The next phases





Preparedness Strategy

It depends on the country's petroleum legislation and its level of implementation

Key Safeguarding Tools

Pre-Production Time

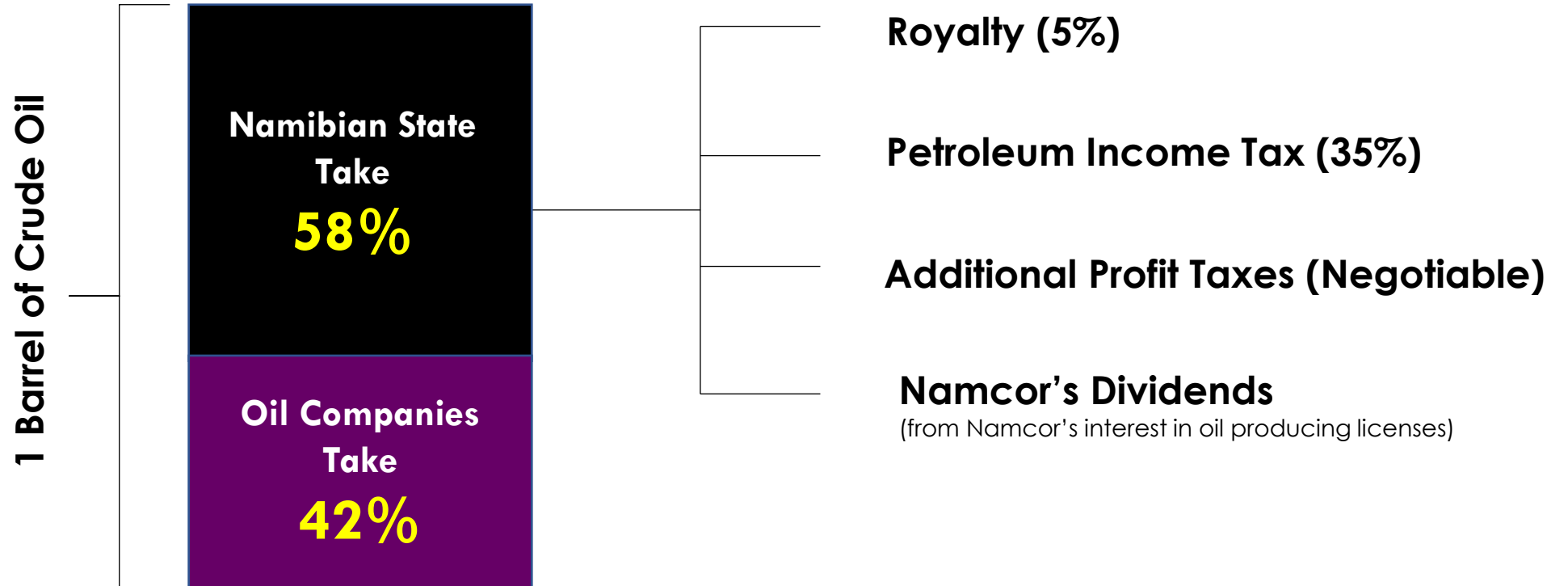
- Effective Petroleum Revenue Management Legislation
- Establishment of Capacitated institutions to oversee the oil and gas industry operations
- Implementation of Petroleum Legislations
- Proper public engagements on oil and gas production issues
- Sustainable governance
- Operative public administration

During-Production Time

- Improved socio-economic development & balanced equalities
- High human development indicators
- Low levels of corruption
- Equitable distribution of oil revenue
- Responsible environmental management
- Balanced spending withstanding effects of volatile oil prices
- Building an oil autonomy economy



Revenues to the State





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"promoting Namibia's mineral, geological and energy resources"

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LOCAL CONTENT

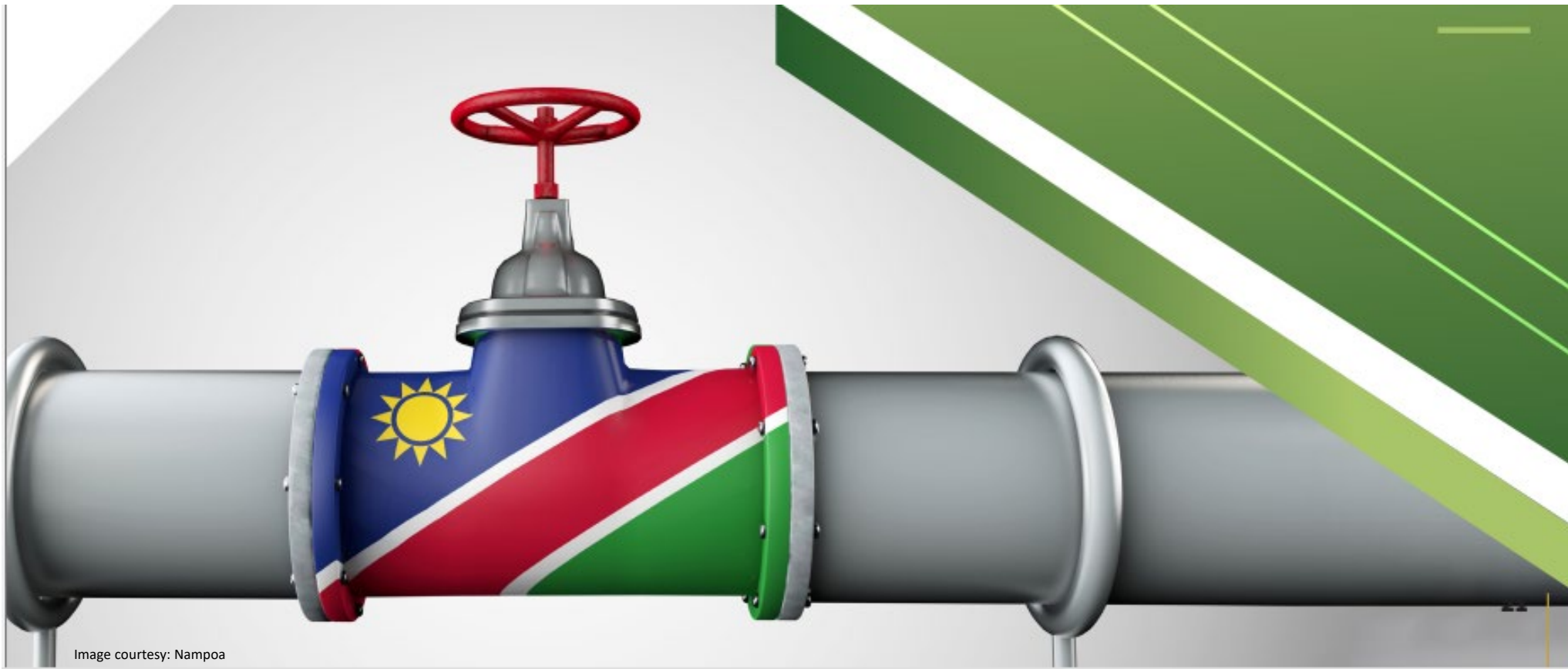


Image courtesy: Nampo



Local Content

Draft Petroleum Local Content Policy

Local Content Policy Objectives



Maximise Employment of Namibians

- To ensure that Namibians are adequately trained in various sectors to supply the upstream oil sector.

How:

- A comprehensive review of the current and expected manpower demand will be undertaken which will inform focussed development of particular expertise including vocational skills.



Maximise Participation of Namibians in the Oil and Gas Sector

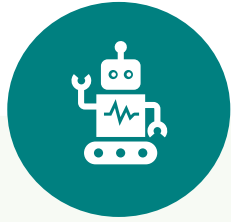
- To actively support the development of local suppliers of goods and services.

How:

- There will be deliberate efforts at the creation of partnerships with experienced service companies to maximise knowledge and skills transfer to local firms.



Local Content Policy Objectives

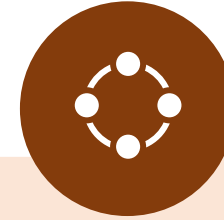


Ensuring Technology, Knowledge and Skills to Namibians

- To foster the transfer of knowledge to Namibian workers and businesses.

How:

- Government will require foreign oil companies to develop technology and research facilities in the country to promote and accelerate the development of Namibian citizens and local companies.



Promote Ownership by Namibian in Oil and Gas Sector

How:

- Make significant effort to encourage and support local investors to actively participate in the sector's development along the supply chain.
- By undertaking collaborative analysis to ensure that targeted clusters are identified and supported under existing channels.

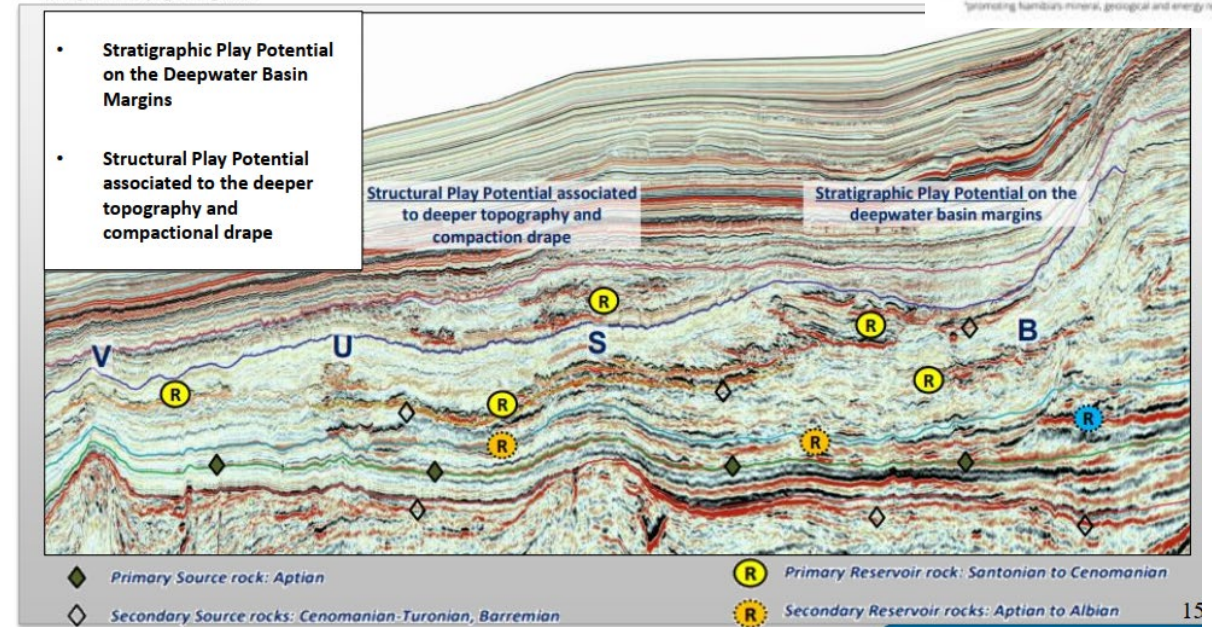
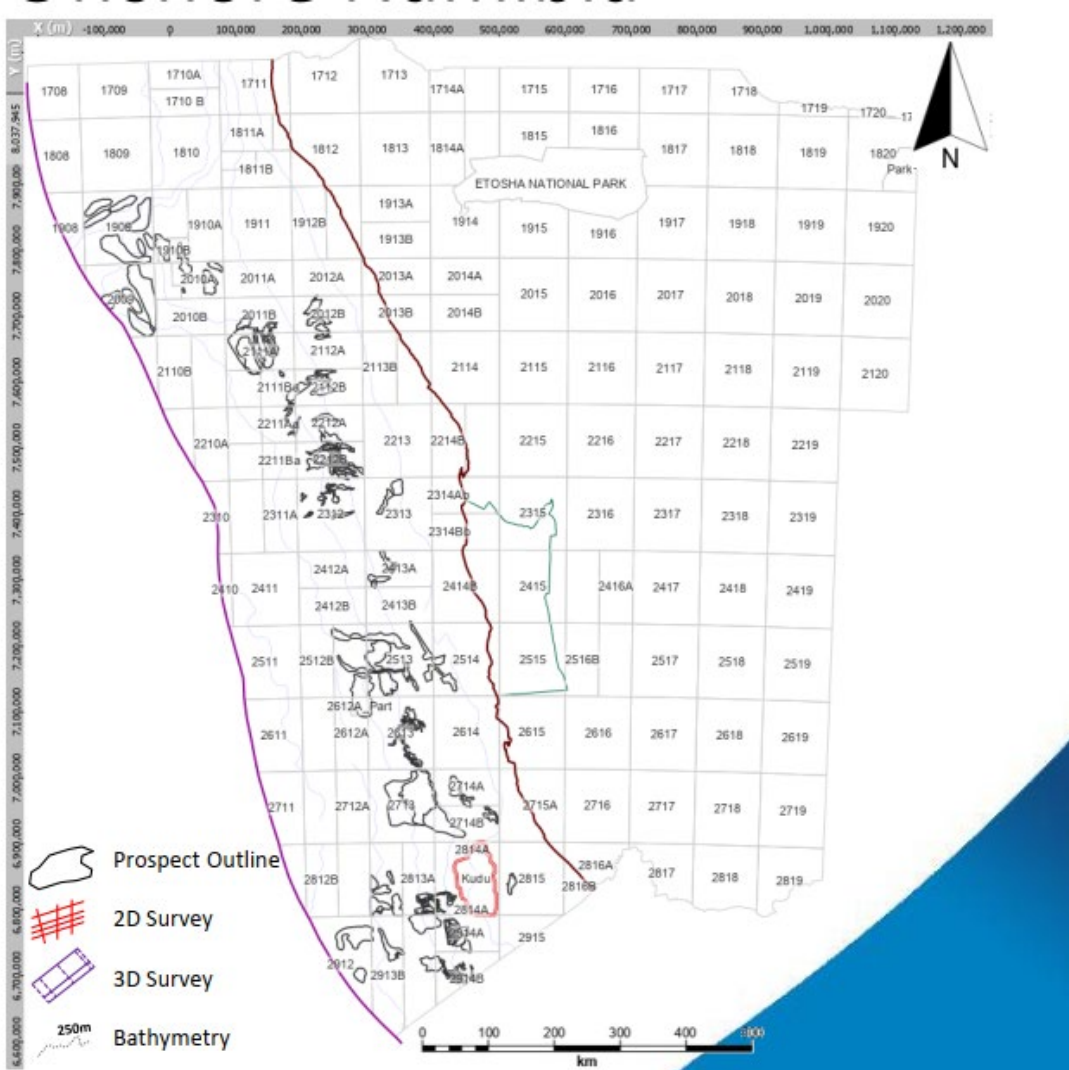
Future Potential





Future Potential

Prospectivity



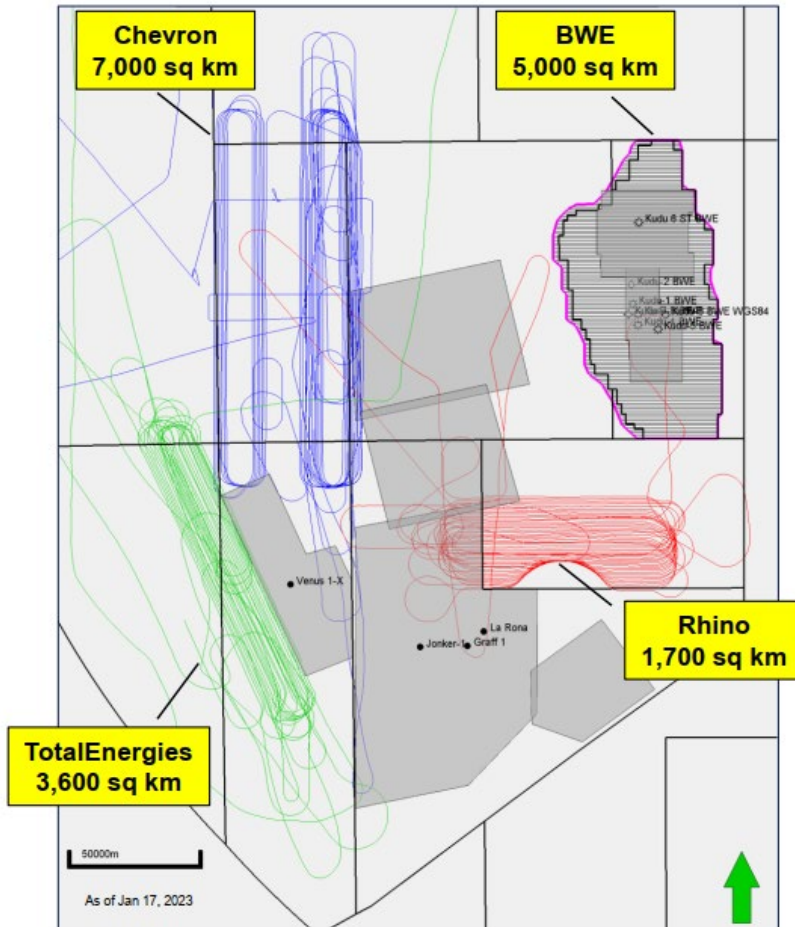
Onshore:

- **Primary:** Post and Syn Rift Graben; Karoo Rift Fill (Light Oil)
- **Secondary:** Post and Syn Rift Graben; Intra-Rift Fault Blocks (Light Oil)
- **Secondary:** Pre-Rift, Damara Fold Belt (**New Play** established, Gas/Gas Condensate)

Opportunities for more success.....



Ministry of Mines & Energy
"promoting Namibia's mineral, geological and energy resources"



Note: Legacy surveys as gray outlines

- A wide range of opportunities are available across the Namibian energy sector
- The objective is for the nation to create energy security
- High quality data available to enable sound investment decisions
- Committed to accelerate the development of discoveries in Orange basin to drive economic growth and human development
- Have sound policies in place to safe guard both exploration, development and production investments



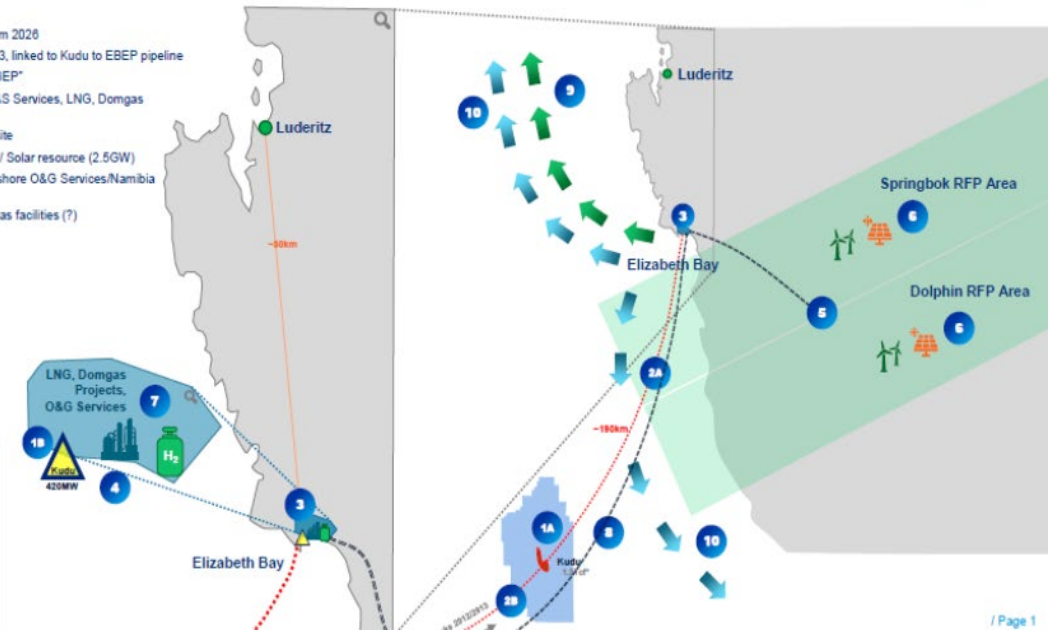
Africa energy hub

VISION



- 1 Kudu FID 2023, Production from 2026
- 2 Pipeline from Blocks 2912/2913, linked to Kudu to EBEP pipeline
- 3 Elizabeth Bay Energy Park "EBEP"
- 4 New EBEP Port for each of O&S Services, LNG, Domgas Projects and Green Hydrogen
- 5 Green Hydrogen Electrolyser site
- 6 Green Hydrogen Project Wind / Solar resource (2.5GW)
- 7 RE to EBEP for onshore/near shore O&G Services/Namibia LNG/Domgas projects
- 8 Potential RE to offshore oil & gas facilities (?)
- 9 Green Hydrogen Exports
- 10 LNG Export

- Key centres
- Potential New GTP
- Potential Solar PV Power
- Potential Wind Power
- Transmission Line
- Potential Gas Pipeline
- Potential LNG
- Green Hydrogen
- Gas Field
- Offshore O&G Prospects



Our Strategy



We are forging ahead....





Ministry of Mines & Energy
"protecting Namibia's mineral, geological and energy resources"

The Namibian government will continue exploring for hydrocarbons in a globally shifting environment and the ever-present energy transition.

We are cognizant, fully supportive and ready to deliver on the development agenda of Africa.

Most recently, in response to this change, Namibia has adopted an energy mix . Our target is to maximise Namibia's value generation for the benefit of all her people.

We have strict environmental protection policies and as a country we can sustainably develop our natural resources whilst safeguarding the contributions to climate change impact.

As we forge ahead, the government is therefore inviting new entrants to accelerate the exploration and multiply the Orange Basin success to the other equally prospective basins

The Open Licensing Regime remains.





THANK YOU

