

BENGUELA GEM

THE GAME CHANGER OF MARINE DIAMOND RECOVERY

2022 MINING EXPO

31 AUGUST 2022

Otto Shikongo

16H00



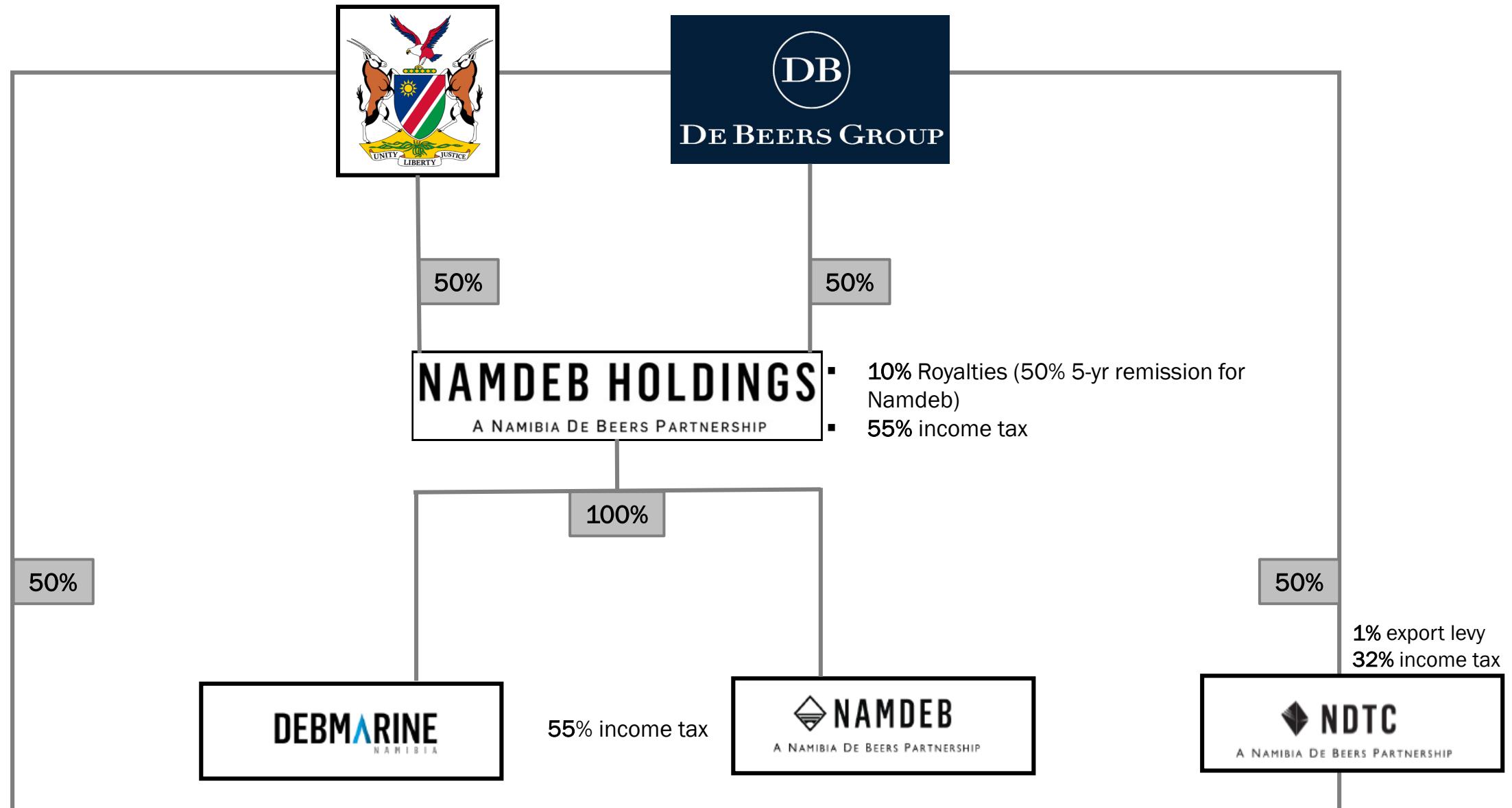
DEBMARINE
NAMIBIA

INTRODUCTION



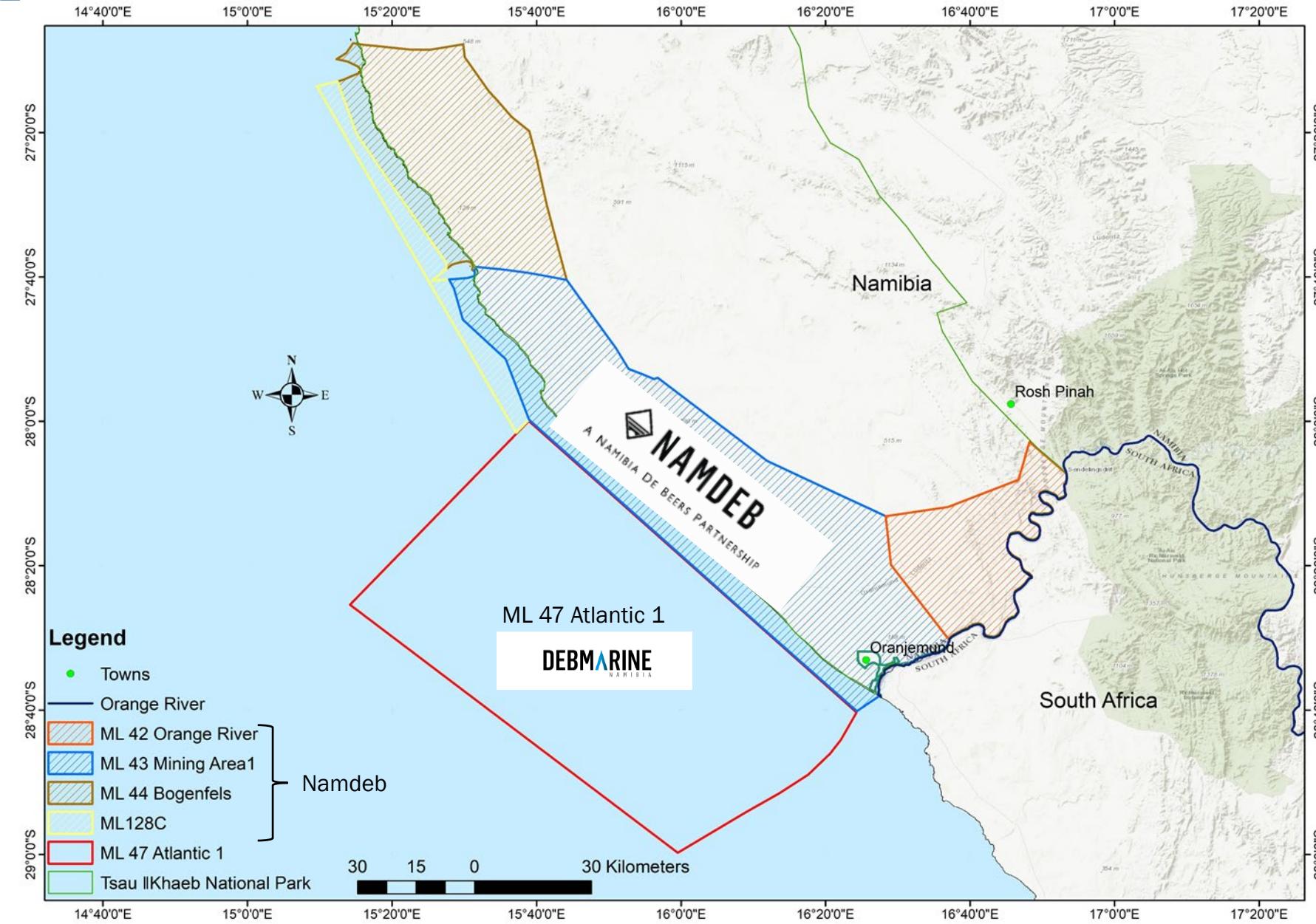
STRUCTURE

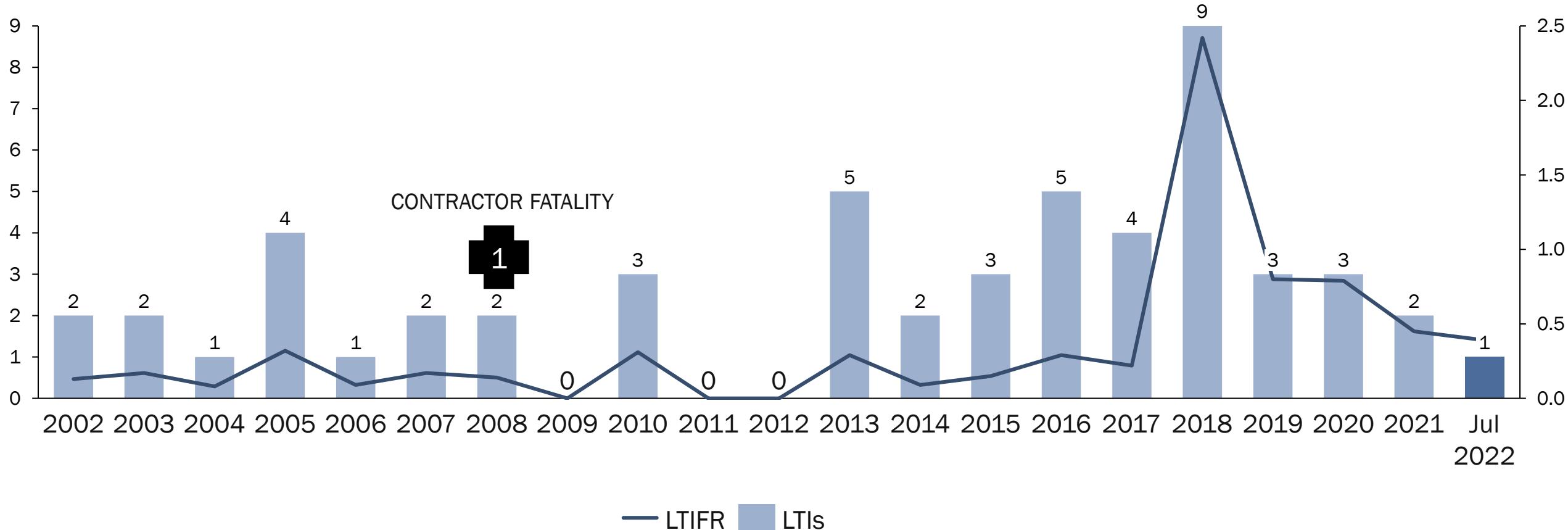
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SITE LOCATION

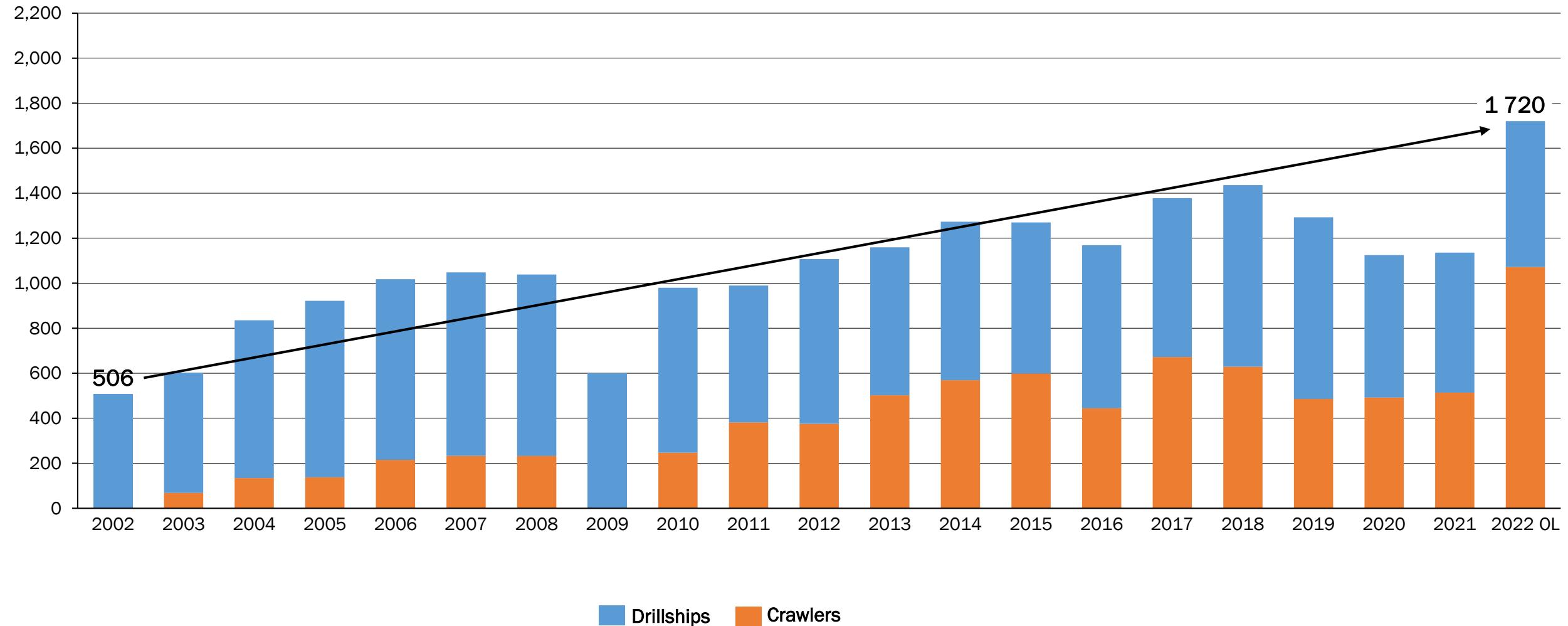
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NAMIBIA







Carats - 000



OVERVIEW OF OPERATIONS



PRODUCTION PIPELINE

DEBMARINE
NAMIBIA

GEOPHYSICAL SURVEY

SAMPLING



SS NUJOMA

PRODUCTION



GRAND BANKS



CORAL SEA



!GARIEP



DEBMAR PACIFIC



DEBMAR ATLANTIC



MAFUTA



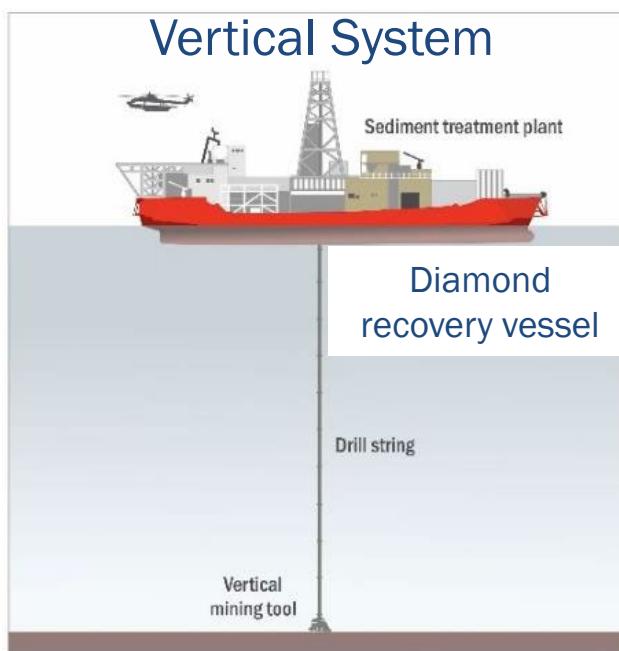
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GEM



RECOVERY METHODS

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Vertical System



GRAND BANKS

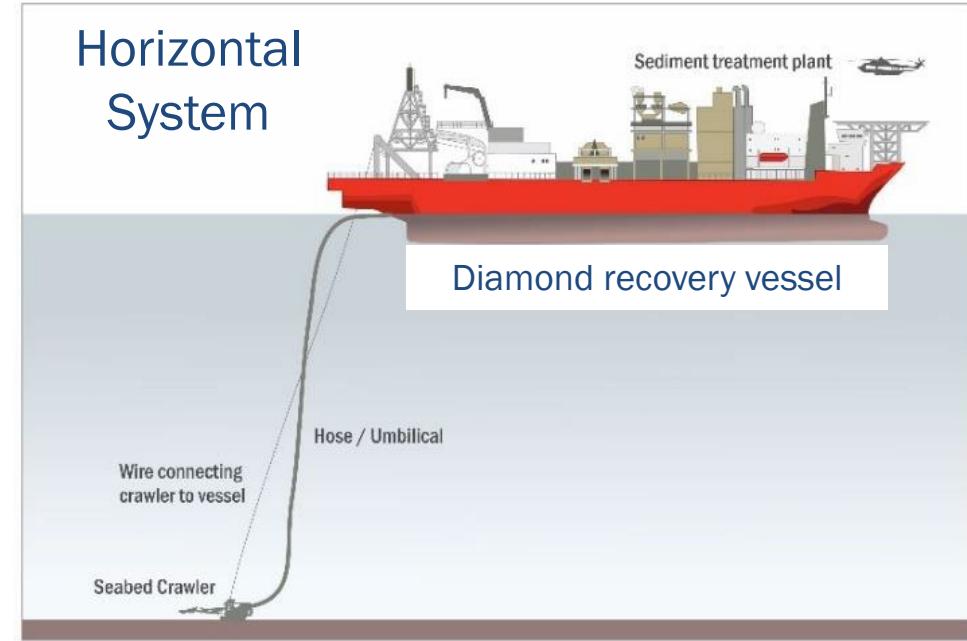


DEBMAR PACIFIC



!GARIEP

Horizontal System



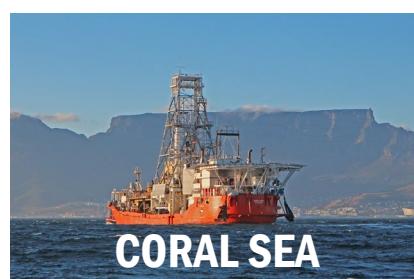
MAFUTA



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DEBMAR ATLANTIC



CORAL SEA

- Vessels remain at sea on average for 3 years before in-port maintenance
- 24 / 7 / 365
- Vessels supported via launch and helicopter operations
- Refuelling conducted at sea
- Freshwater produced on-board (desalination)
- Crew of ~ 60 people
- Crew rotates 28 days on, 28 days off
- Crew change via helicopter
- Crew work 12 hour shifts
- Diamonds flown off by helicopter



BENGUELA GEM





SSN N\$2.7bn (N\$2.3bn in 2017)

2010 dream to...



2017 reality



AMV3 PROJECT APPROVAL, SHIPBUILDING & FINANCING

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Board approval - 10 May 2019



Steel cutting - 15 May 2019



Shipbuilding Agreement



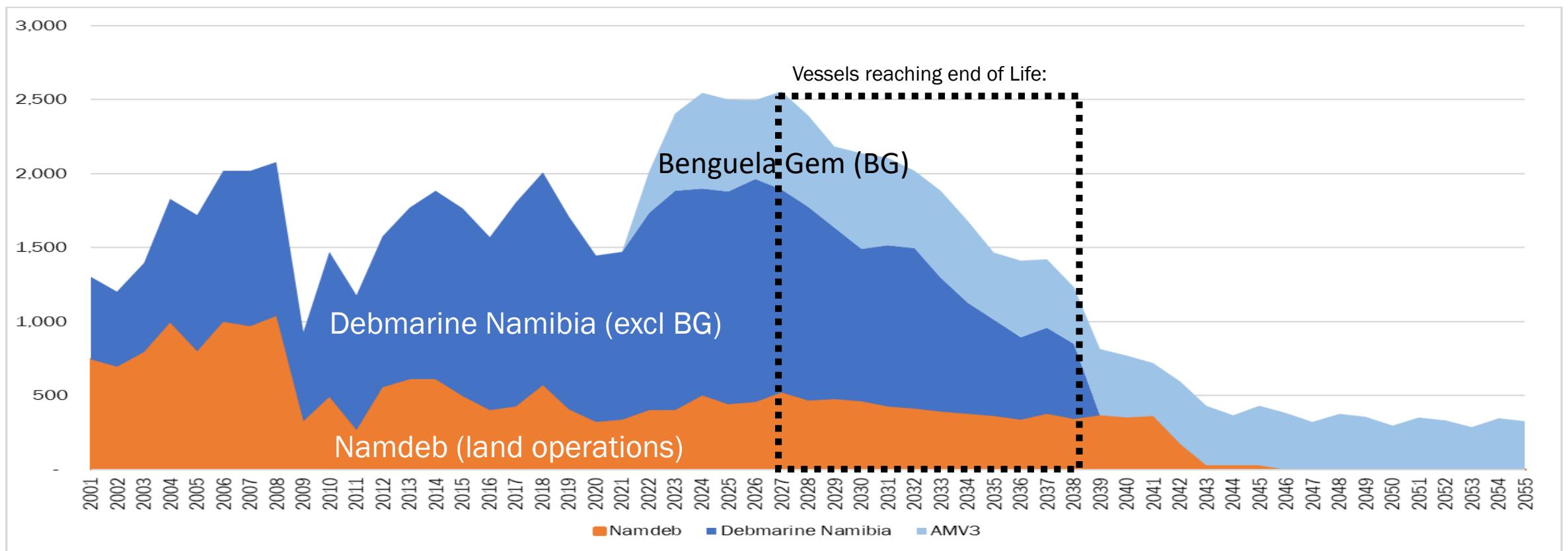
US\$375m Financing Agreement



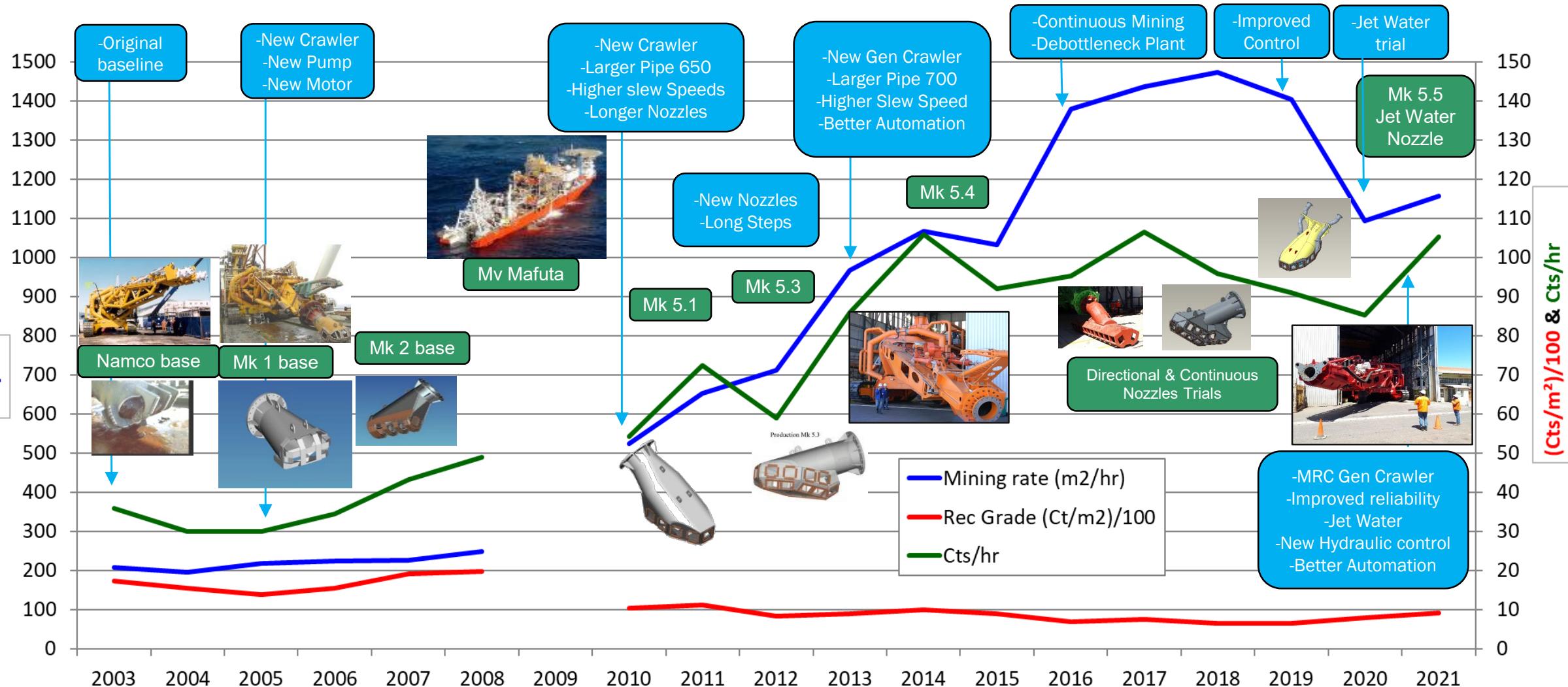
ENABLING LIFE OF MINE EXTENSION TO 2055

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Atlantic 1 potential resource endowment far exceeds the 20 year planning window and the life of the existing production assets.
A great source of wealth for Namibia and Shareholders



CRAWLER TECHNOLOGY IMPROVEMENTS OVER TIME





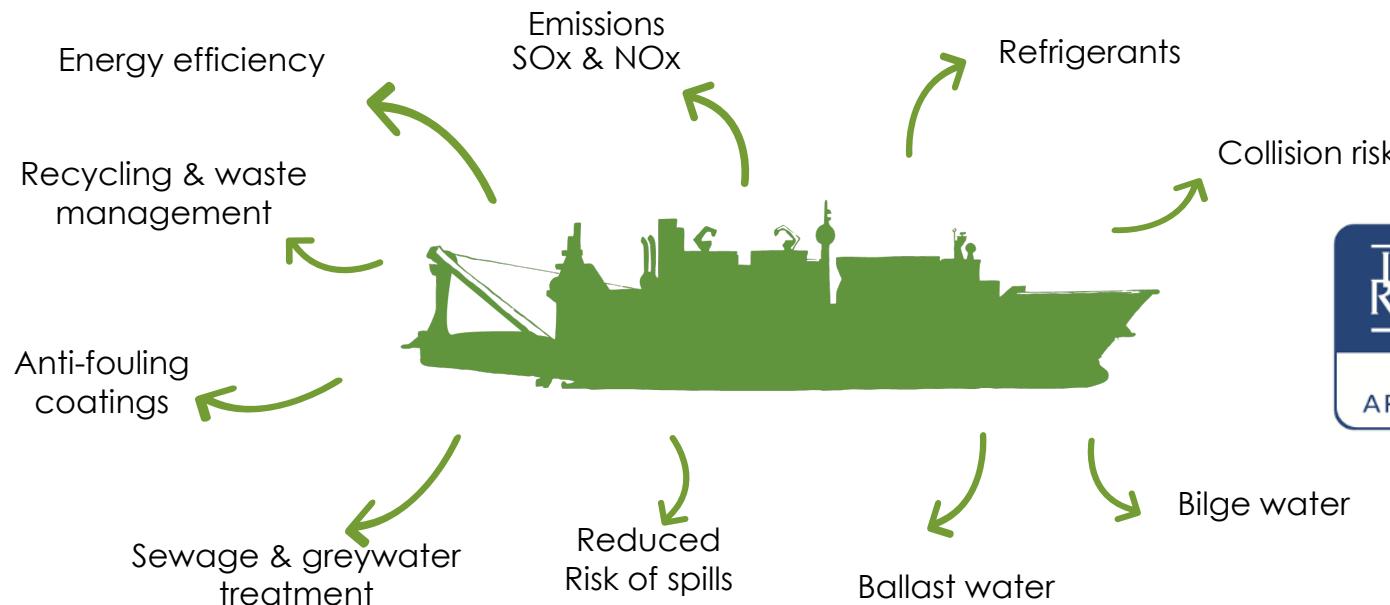
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GREEN PASSPORT STATUS

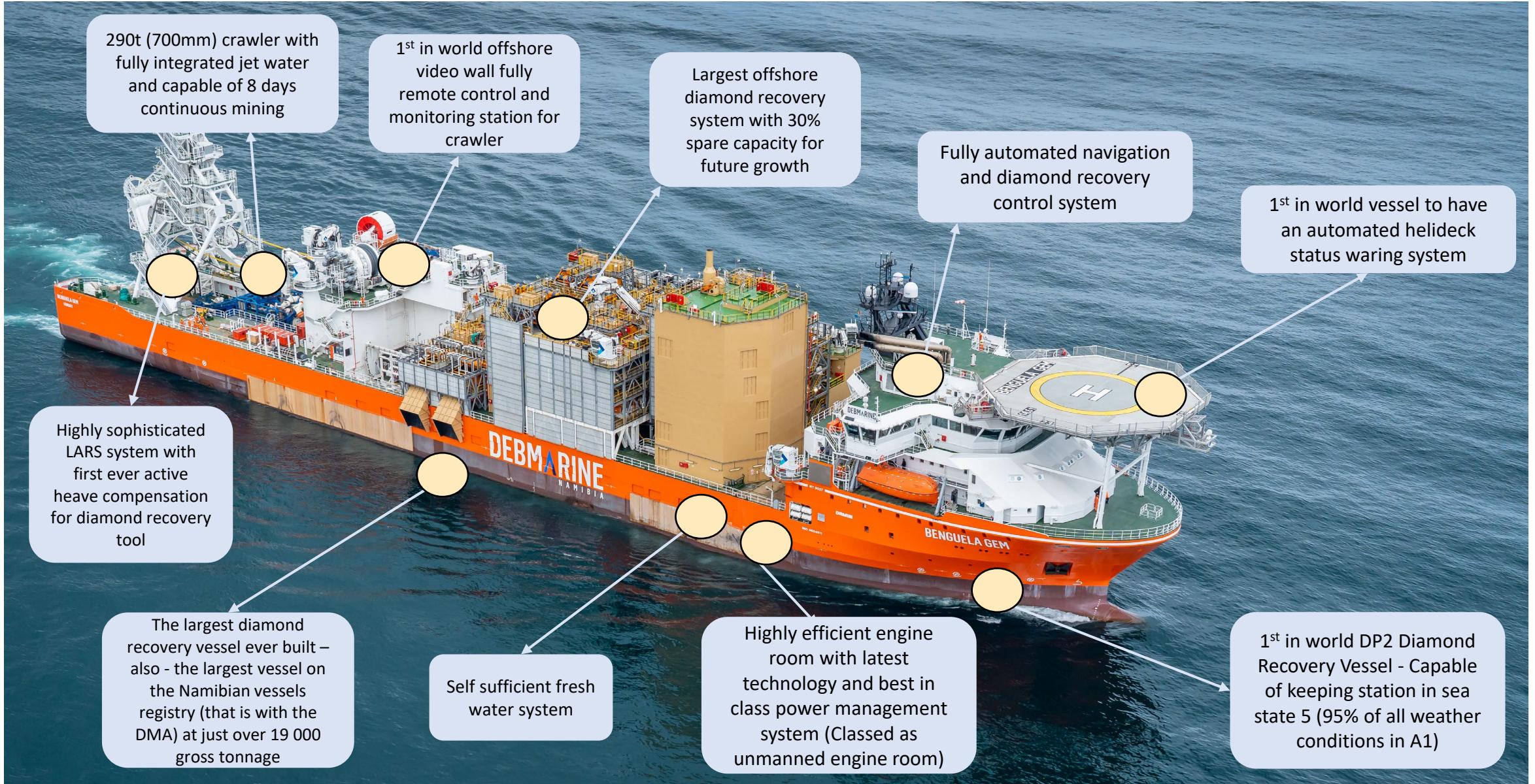
- Vessels operated according to **international legal requirements and best practice**
- **Carbon footprint reduction**
- **Going beyond compliance with eco-notation** - special environmental notation (certification) for environmental ship design, construction and operation.

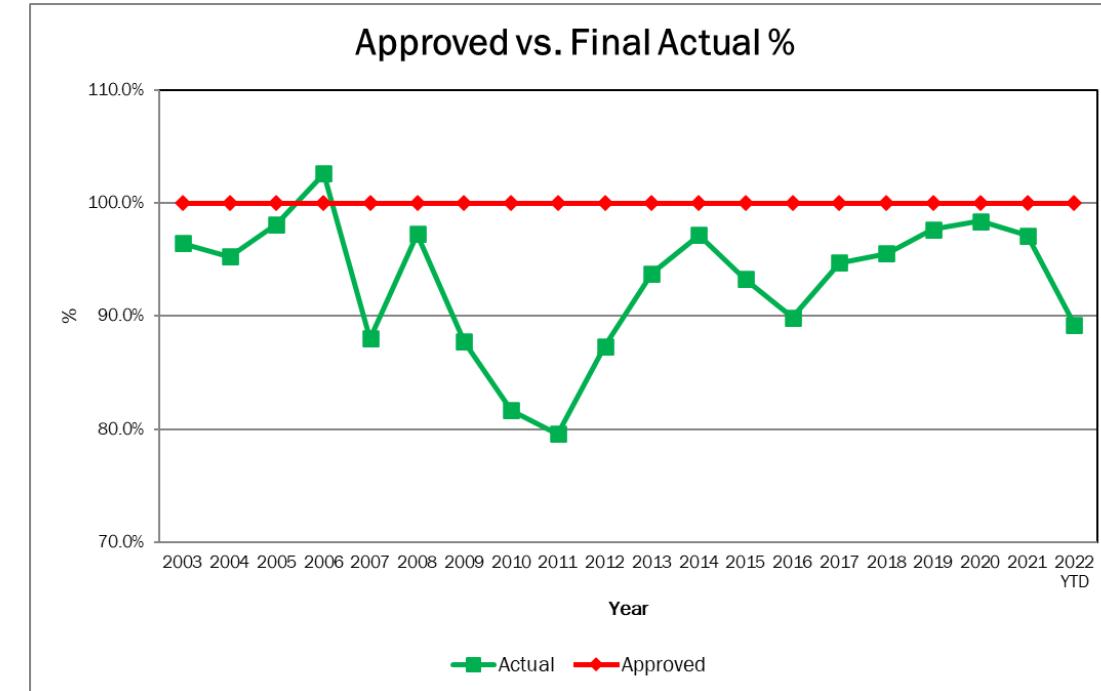
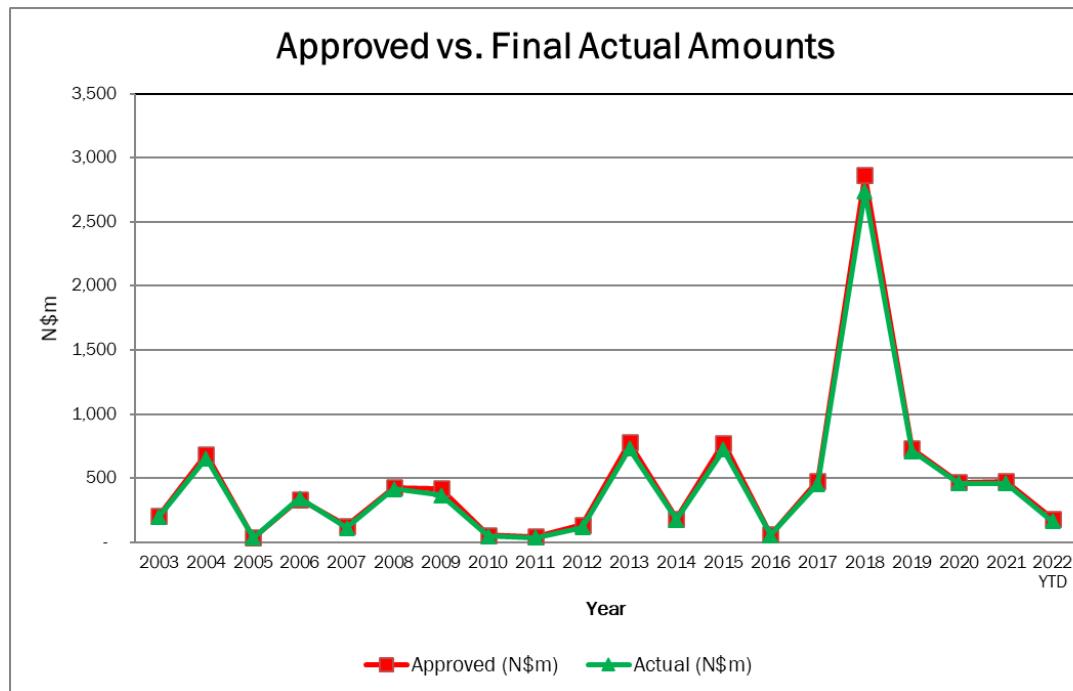




KEY TECHNOLOGY FEATURES ON THE BENGUELA GEM

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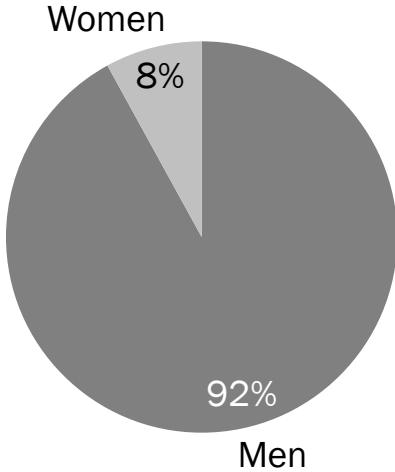




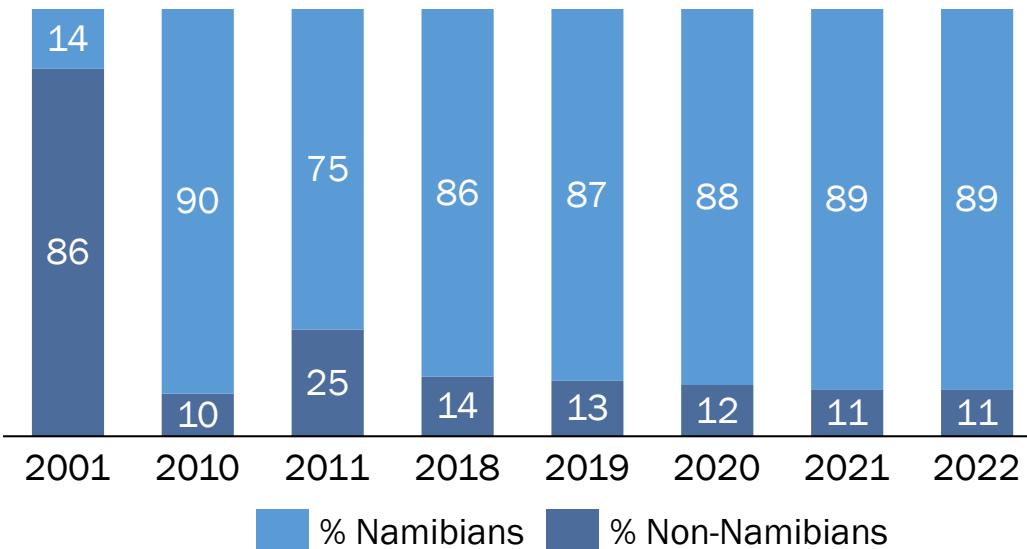
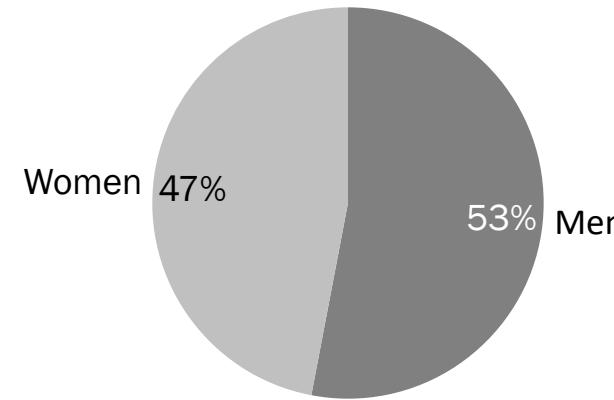
| N\$ ^m | Approved | Actuals | Variance |
|------------------------|----------|---------|----------|
| Total 2003 to 2022 YTD | 9,475 | 9,005 | 5.0% |

- 136 Projects delivered since 2003
- 14 projects over budget
- 3 projects over budget < 5%
- 11 projects over budget 5% - 10%

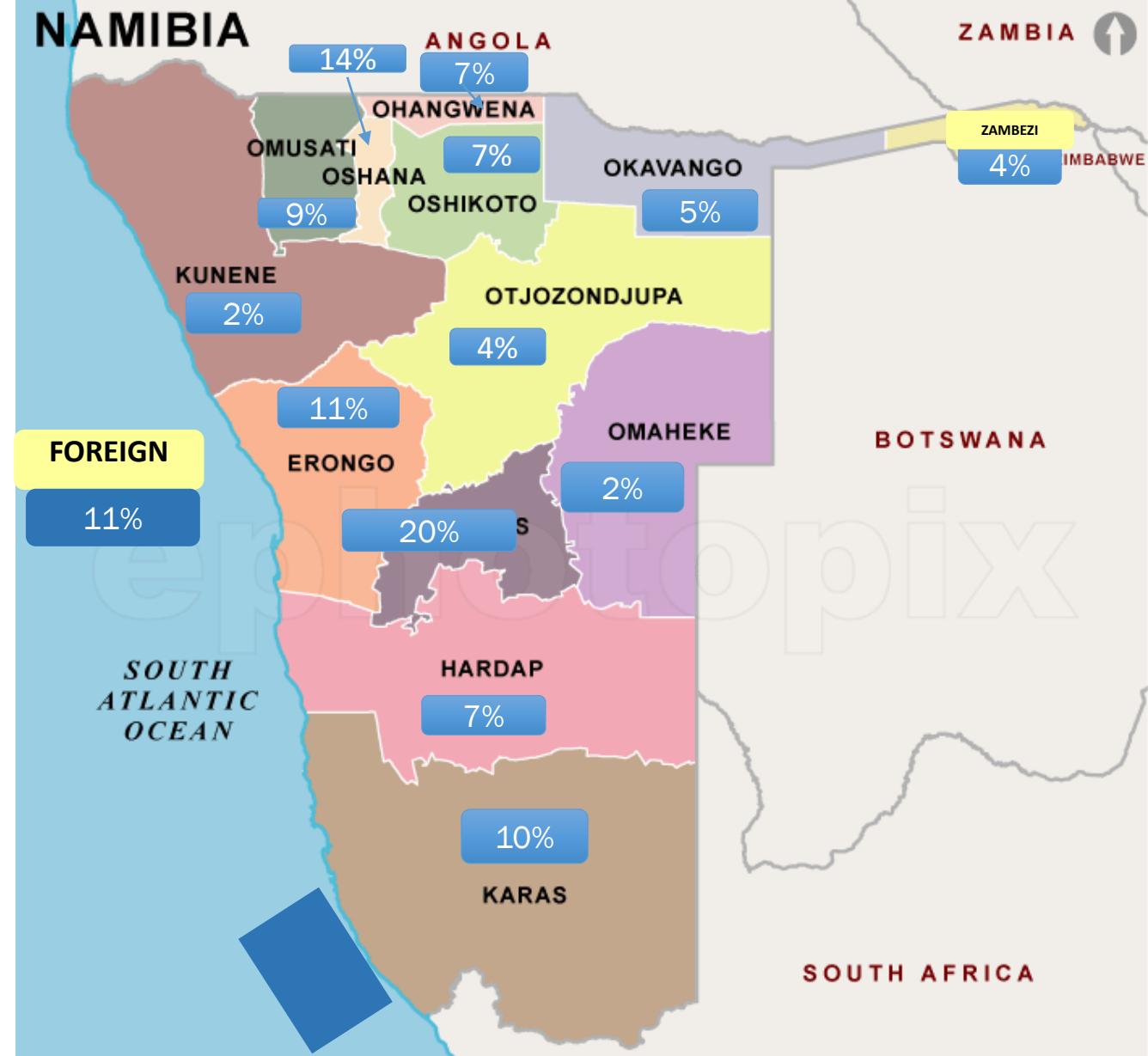
Seagoing



Shorebased



NAMIBIA



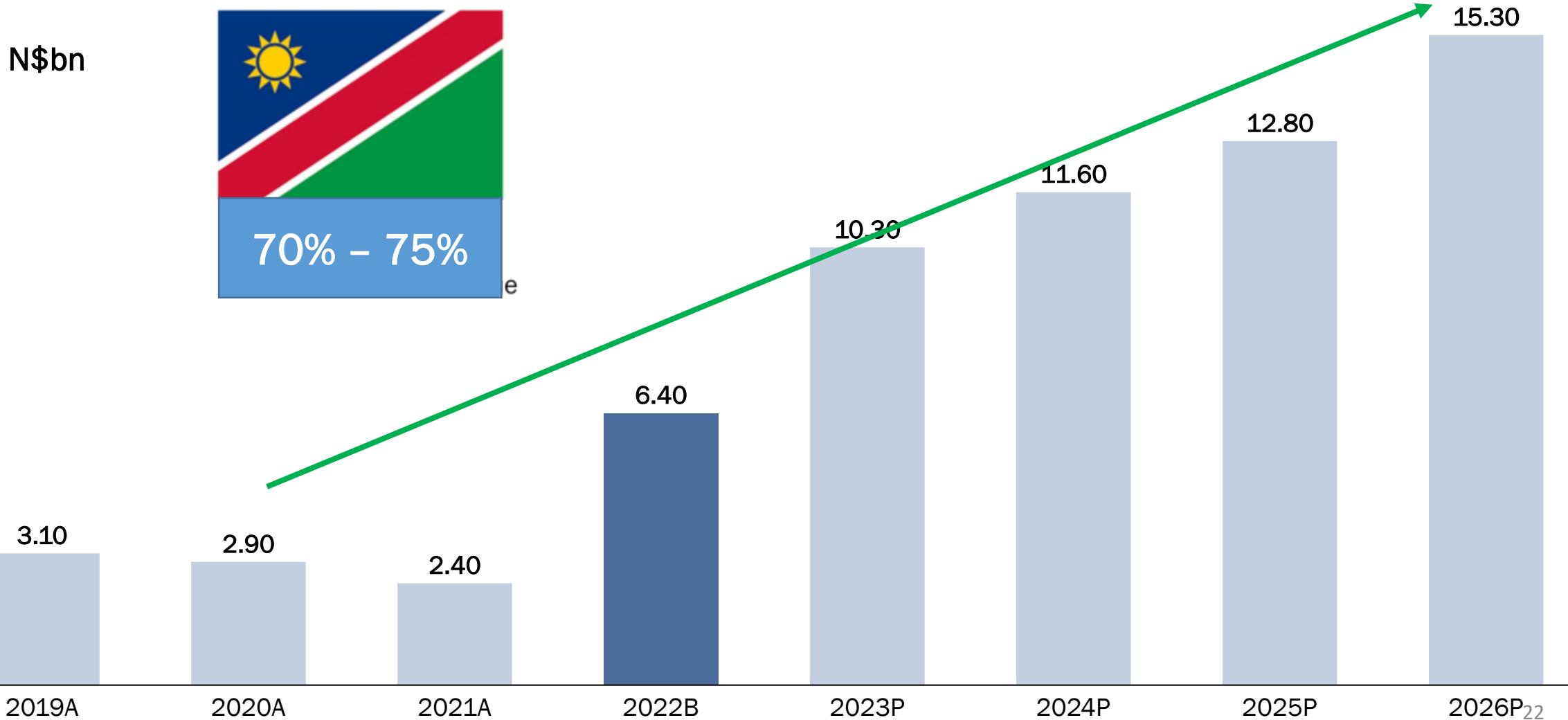
BG - ECONOMIC IMPACT



GB IMPACT - ROYALTIES, TAX & DIVIDENDS

ROYALTIES, TAX & DIVIDENDS : N\$56bn (Debmarine Namibia: N\$51bn & Namdeb: N\$5bn) 2022 to 2026

N\$9.1bn Investment: SSN N\$2.7bn (N\$2.3bn in 2017) and BG N\$5.7bn (N\$7.0bn approved)

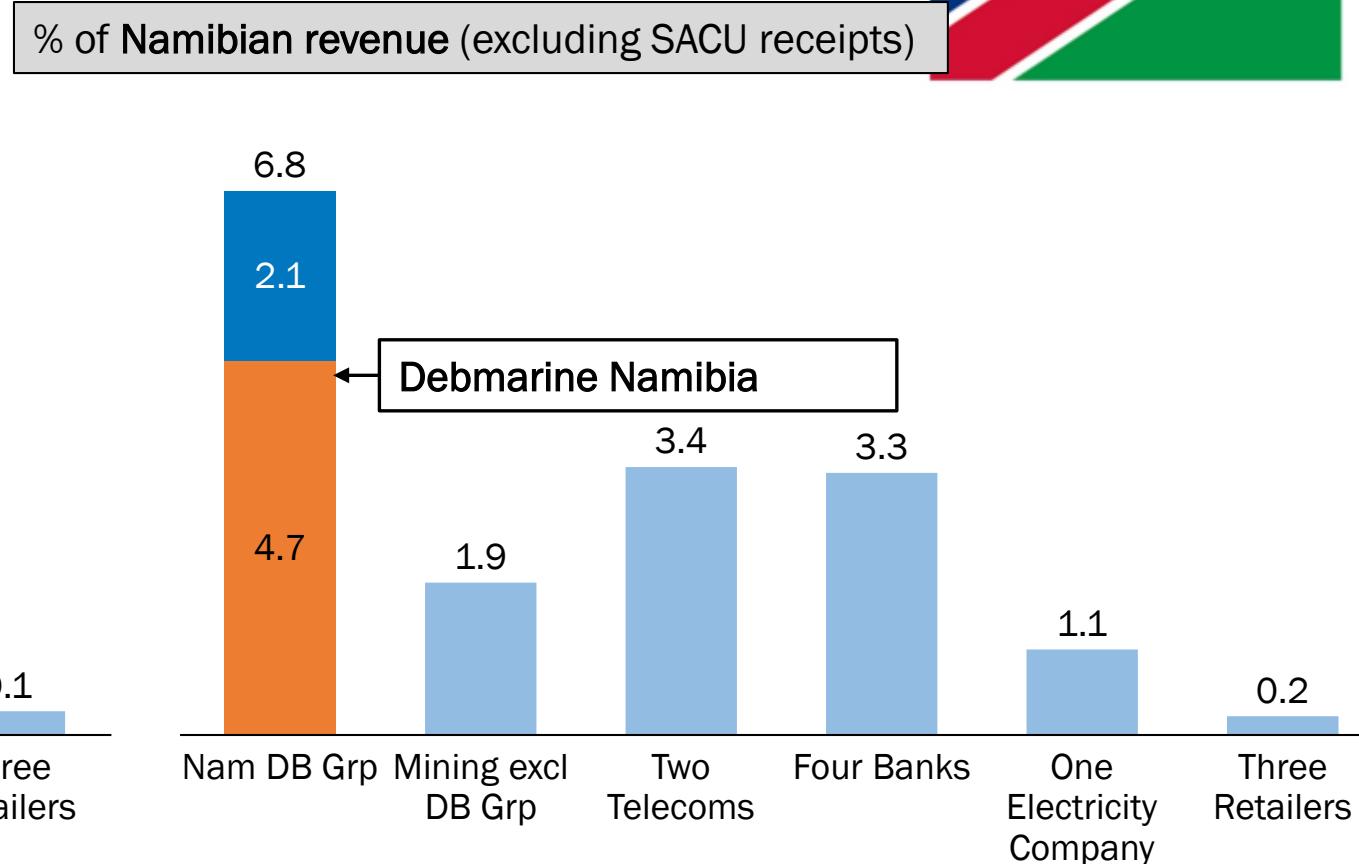
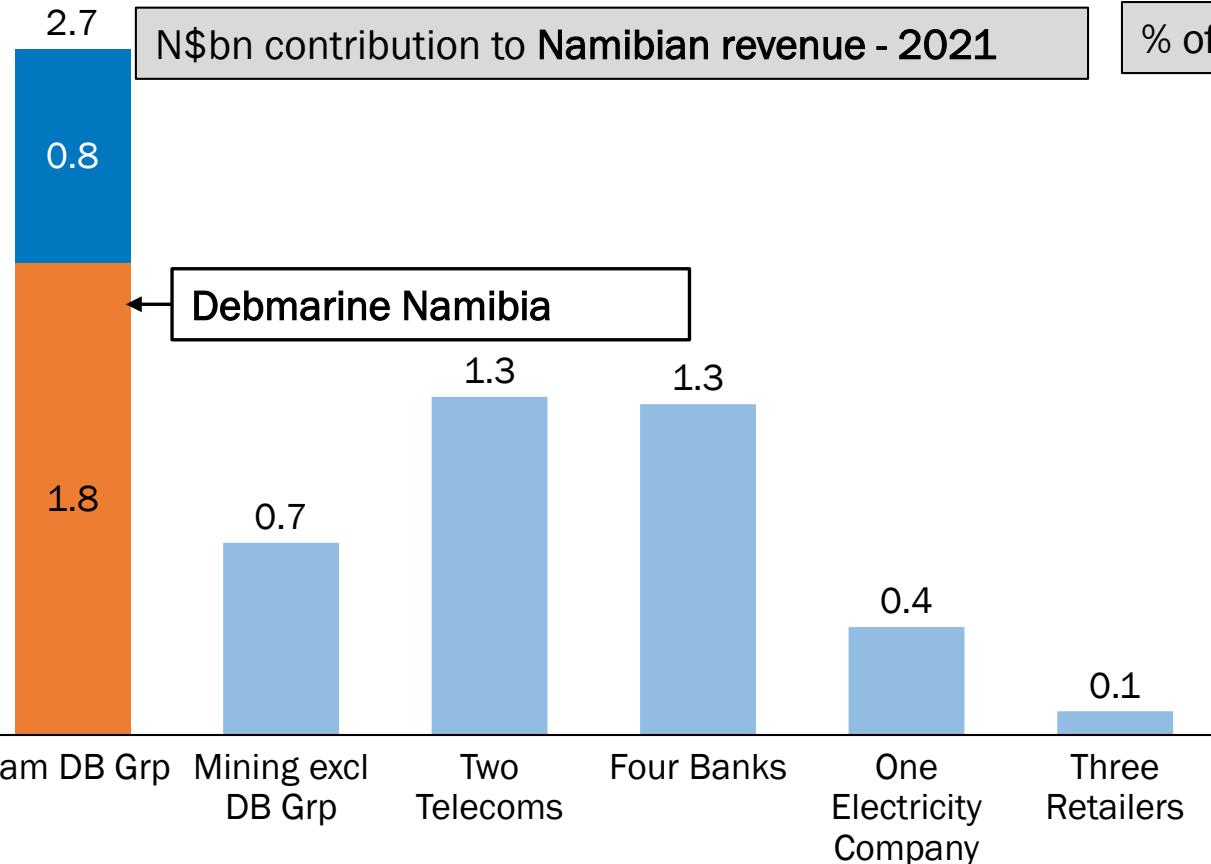


NAMIBIA DE BEERS GROUP PARTNERSHIP - GRN REVENUE CONTRIBUTION

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Debmarine Namibia is the single largest contributor to GRN revenue (excluding SACU receipts)

Diamonds accounted for about 29% of export earnings on average during 2015 -2021



BUILDING FOREVER

A Namibia De Beers Partnership

DEBMARINE
NAMIBIA

Creating long term positive impact, earning trust in our diamonds



LEADING ETHICAL
PRACTICES ACROSS
INDUSTRY



PARTNERING
FOR THRIVING
COMMUNITIES



PROTECTING
THE NATURAL
WORLD



ACCELERATING
EQUAL
OPPORTUNITY

VISION

We will continue to work tirelessly to advance industry standards, enhance transparency of diamond provenance and improve the livelihoods of artisanal miners.

VISION

We will partner to improve health and education outcomes and increase livelihood opportunities to support community resilience and economic diversification in our host countries across southern Africa and Canada.

VISION

We will be carbon neutral, minimise our water footprint and deliver a net positive impact on biodiversity.

VISION

We will accelerate economic inclusion and support diverse voices to help shape the future of our business, communities and society.

2030 GOALS



Provenance

- Provide the origin and impact of every diamond we discover and sell

Artisanal Mining

- Deliver scalable solutions to improve the livelihoods of artisanal miners

Health and Well-being

- Achieve priority SDG3 health targets in all our partner communities

2030 GOALS

Skills and Education

- Establish skills partnerships in all our partner communities

Livelihoods

- Support 4 jobs offsite for every job on site

2030 GOALS

Climate Change

- Be carbon neutral across our operations

Water

- Reduce our water footprint by 50%

Biodiversity

- Achieve net positive impact on biodiversity

2030 GOALS

Inclusive Workplace

- Achieve equal opportunity for employees including gender parity across our workforce

Women in Business and Tech

- Support 10,000 women entrepreneurs and engage 10,000 girls in STEM

Diverse Talent in Diamond Jewellery

- Increase diversity in diamond jewellery by championing inclusion of talent from under-represented communities

Regional partnerships to support sustainable development beyond mining

LEADERSHIP AND CULTURE

BEYOND ZERO

HUMAN RIGHTS

INCLUSION AND DIVERSITY

GROUP STANDARDS AND LEGAL COMPLIANCE

10
20
30
40
50
60
70
80

END

