

FY22 Full Year Results

For the year ended 30 June 2022

22 August 2022

Disclaimer & Important Notices



This document has been prepared by Base Resources Limited (**Base Resources**). Its release has been authorised by the Board of Base Resources. Information in this document should be read in conjunction with other announcements made by Base Resources to ASX, particularly Base Resources' announcement on 27 September 2021 "DFS2 enhances scale and economics of the Toliara Project" (**DFS2 Announcement**) and Base Resources' announcement on 20 June 2022 "Decision to proceed with the Bumamani Project". Base Resources' ASX announcements are available at <https://baseresources.com.au/investors/announcements>.

DFS2 Announcement

Slides 21 to 22 disclose the summary outcomes of DFS2. The DFS2 Announcement discloses the material assumptions and underlying methodologies adopted for deriving these outcomes, including the production information and forecast financial information. It also discloses key pre and post FID risks in respect of the Toliara Project. Base Resources confirms that all the material assumptions underpinning the production information and forecast financial information disclosed in the DFS2 Announcement continue to apply and have not materially changed.

Forward-looking statements

Certain statements in or in connection with this document contain or comprise forward looking statements. Such statements include, but are not limited to, statements with regard to capital cost, capital expenditure capacity, future production and grades and financial performance and may be (but are not necessarily) identified by the use of phrases such as "will", "expect", "anticipate", "believe" and "envisage". By their nature, forward looking statements involve risk and uncertainty because they relate to events and depend on circumstances that will occur in the future and may be outside Base Resources' control.

Accordingly, results could differ materially from those set out in the forward-looking statements as a result of, among other factors, changes in economic and market conditions, success of business and operating initiatives, changes in the regulatory environment and other government actions, fluctuations in product prices and exchange rates and business and operational risk management. Subject to any continuing obligations under applicable law or relevant stock exchange listing rules, Base Resources undertakes no obligation to update publicly or release any revisions to these forward-looking statements to reflect events or circumstances after today's date or to reflect the occurrence of unanticipated events.

Not advice or an offer and other

Nothing in this document constitutes investment, legal or other advice. You must not act on the basis of any matter contained in this document but must make your own independent investigation and assessment of Base Resources and obtain any professional advice you require before making any investment decision based on your investment objectives and financial circumstances.

This document does not constitute an offer, invitation, solicitation, advice or recommendation with respect to the issue, purchase or sale of any security in any jurisdiction. In particular, this document does not constitute an offer to sell, or a solicitation of an offer to buy, securities in the United States or to any "US Person" (as defined in the US Securities Act of 1933). This document may not be distributed or released in the United States or to, or for the account of, any US Person.

No representation or warranty, express or implied, is made as to the fairness, accuracy or completeness of the information contained in this document (or any associated presentation, information or matters). To the maximum extent permitted by law, Base Resources and its related bodies corporate and affiliates, and their respective directors, officers, employees, agents and advisers, disclaim any liability (including, without limitation, any liability arising from fault, negligence or negligent misstatement) for any direct or indirect loss or damage arising from any use or reliance on this document or its contents, including any error or omission from, or otherwise in connection with, it.

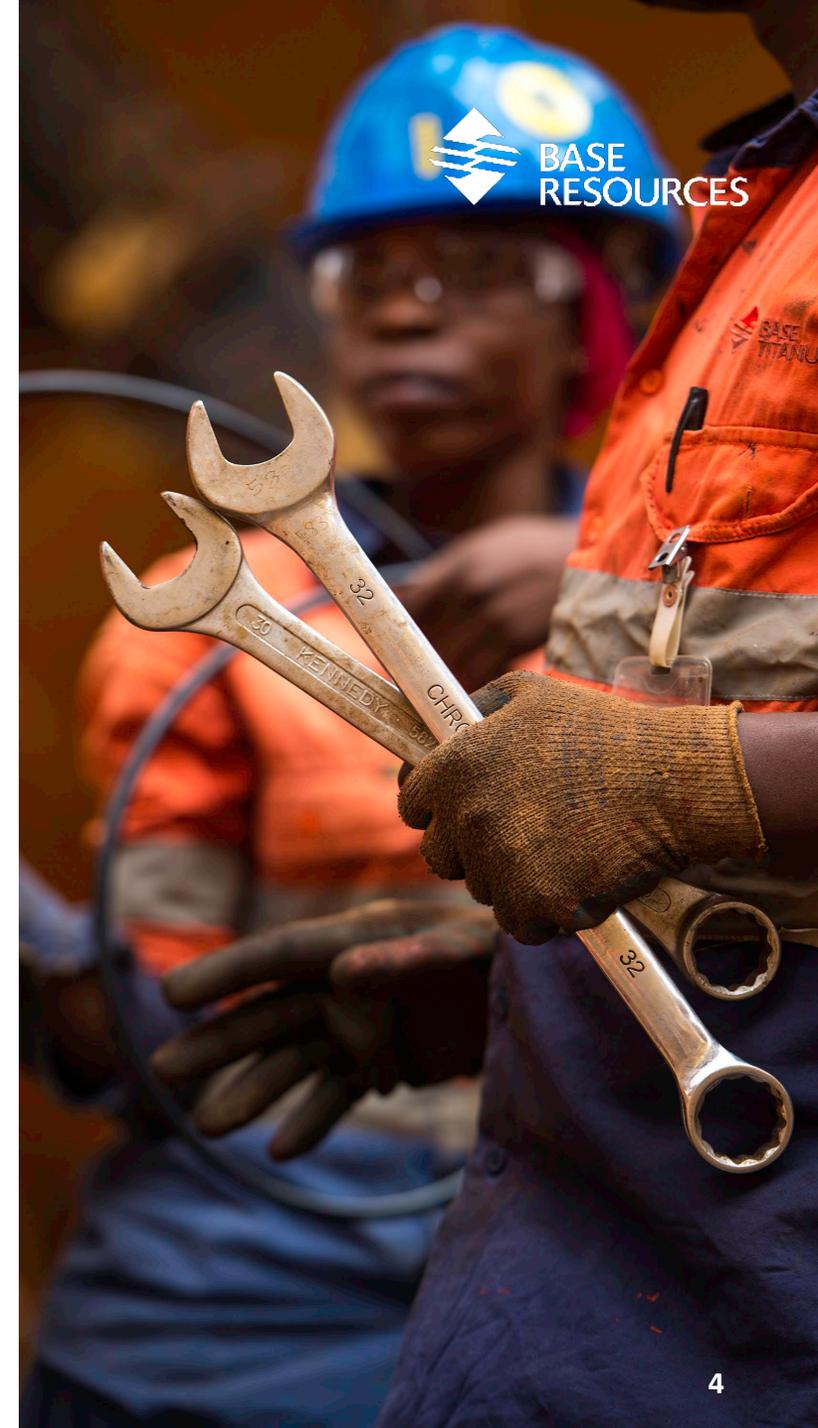
All references to currency (\$ or US\$) are to United States Dollars unless otherwise stated

Australian based, African focused, producer



Building a unique mineral sands company

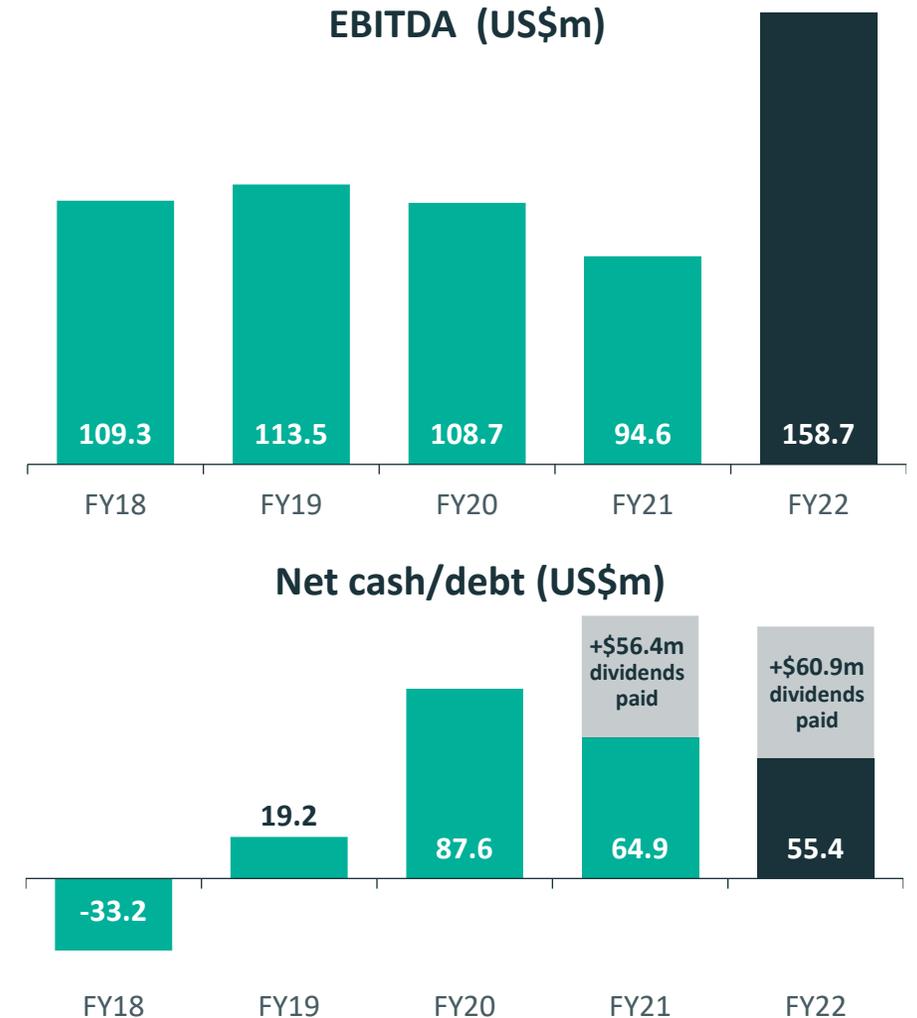
- “Mid cap” **pure mineral sands** company.
- Established **profitable** Kwale Operation in Kenya with extensional potential.
- A **world class mineral sands development project** in the Toliara Project in Madagascar.
- **Track record of excellence** in all aspects of sustainability - safety, community development, environmental stewardship and ethics.
- An **experienced team** and capacity to execute well.
- A **robust financial position** from which to grow the business and continue to deliver returns to shareholders.
- Creating a company of **strategic relevance** in a sector likely to continue to evolve.



Record financial results for FY22



- Record revenue of US\$279.1m, EBITDA of US\$158.7m and NPAT of US\$80.7m.
- Kwale Operations production guidance met despite two unplanned stoppages.
- Robust demand for all products drove an average realised sales price increase of 33% to US\$621 per tonne.
- Depreciation 32% lower due to Kwale mine life extension to December 2024 following the South Dune mining lease extension and decision to proceed with the Bumamani Project.
- Exploration program in Tanzania commenced.
- Toliara Project DFS2 released – enhancing the project’s scale and economics – and discussions with government on fiscal terms at an advanced stage.
- Final dividend of AUD 3.0 cents per share determined, totalling A\$35.3m (approximately US\$24.4m).
- FY22 total dividends of AUD 6.0 cents per share, or AUD\$70.7m.



Sustainability across the mining life cycle – FY22 highlights

Governance

- Preparation for inaugural Sustainability Report.

People

- 99% of Kwale workforce are Kenyan, with 72% drawn from Kwale County.
- 79,351 hours of training delivered to employees, contractors and community.
- 21 apprentices, 10 graduates and 11 interns at Kwale Operations.

Community

- US\$5.1m invested in infrastructure, scholarships, livelihood projects and health programs.
- US\$57.6m (71%) of Kwale Operations material, equipment and services expenditure sourced from Kenyan businesses.
- Three Kwale post mining land use options at PFS stage (agriculture, training and conservation) with brick making concept study underway.

Environment

- 32ha Central Dune fully rehabilitated and 124ha South Dune planted.
- 42,888 trees planted.



Outstanding safety outcomes indicative of performance culture



0.24

LTIFR

Lost Time Injury
Frequency Rate
per million hours

2

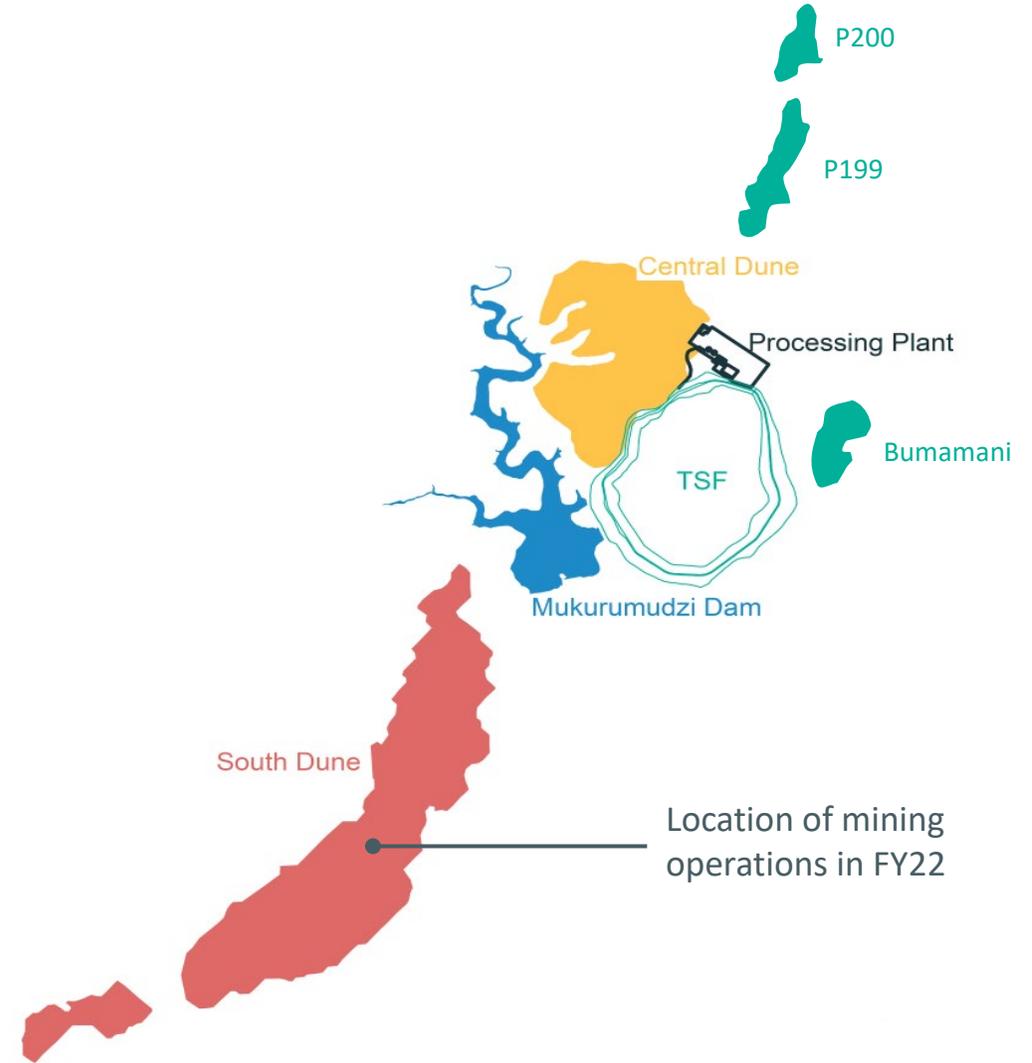
Lost Time Injuries

In 30.3 million hours worked since commencing
production at Kwale Operations in December
2013

14

Medical Treatment
Injuries

Consistent delivery to plan



Consistent production performance



Mining and Concentrator	FY22	FY21	Variance
Ore mined (tonnes)	16,485,132	17,982,578	(8%)
Ore grade (HM%)	3.73%	3.46%	8%
HMC produced (tonnes)	565,461	558,084	1%

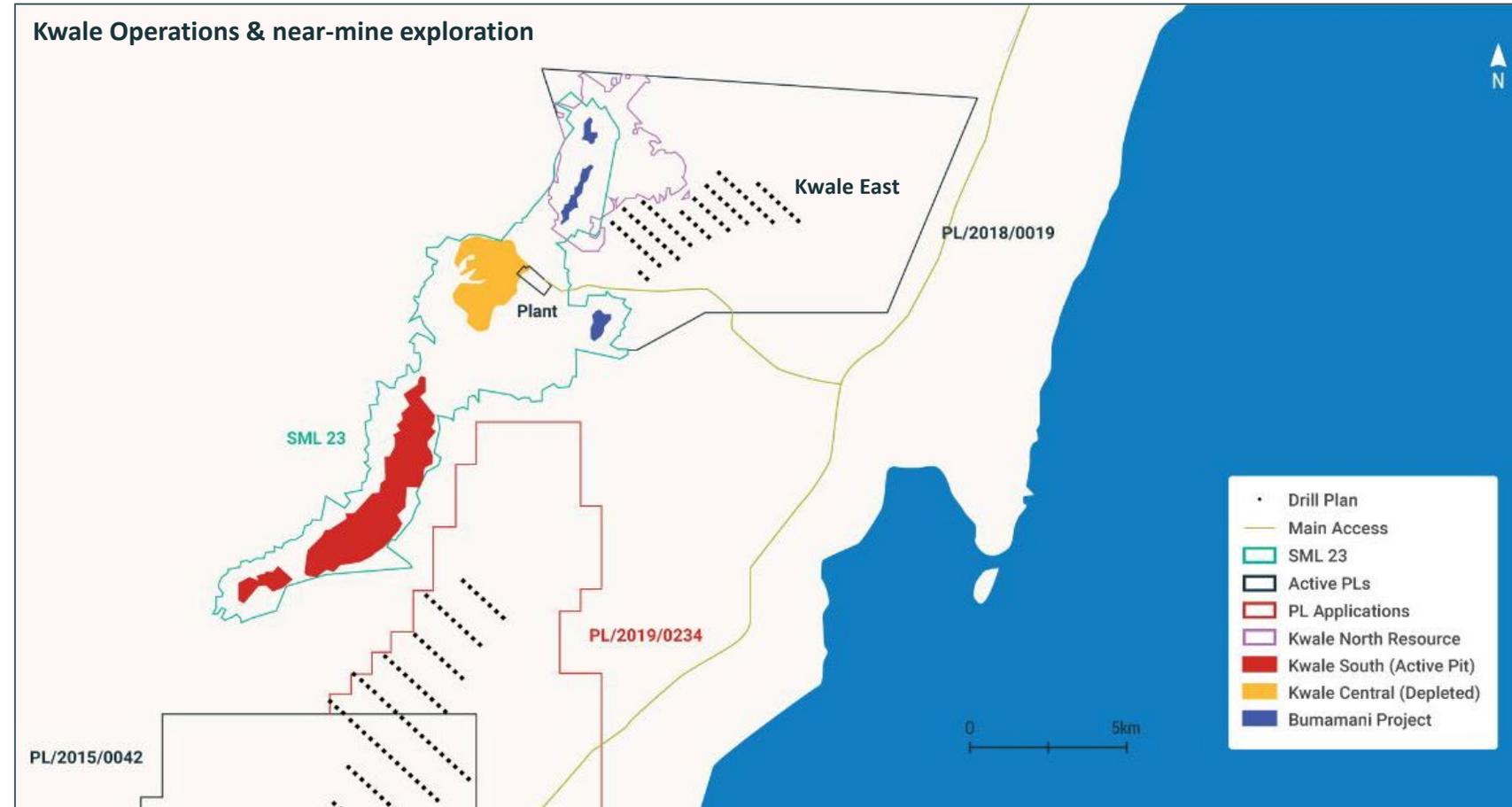
- Mining volume lower at 16.5Mt - impacted by two unplanned interruptions.
- Higher heavy mineral grade offsets lower mining volumes.
- Heavy mineral concentrate (HMC) production steady.
- HMC closing stocks were 10kt.

Mineral Separation Plant (tonnes)	FY22	FY21	Variance
MSP feed (HMC)	575,589	554,693	4%
Ilmenite produced	325,148	317,276	2%
Rutile produced	74,349	73,248	1%
Zircon produced	25,569	27,123	(6%)
Zircon low grade produced	2,555	1,878	36%
Rutile low grade produced	10,725	-	100%

- Mineral Separation Plant (MSP) feed constrained by HMC availability.
- MSP recoveries steady for all products.
- Differences in final production due to the variable mineral assemblage of the ore mined.
- New low grade rutile product marketed to meet customer demand.

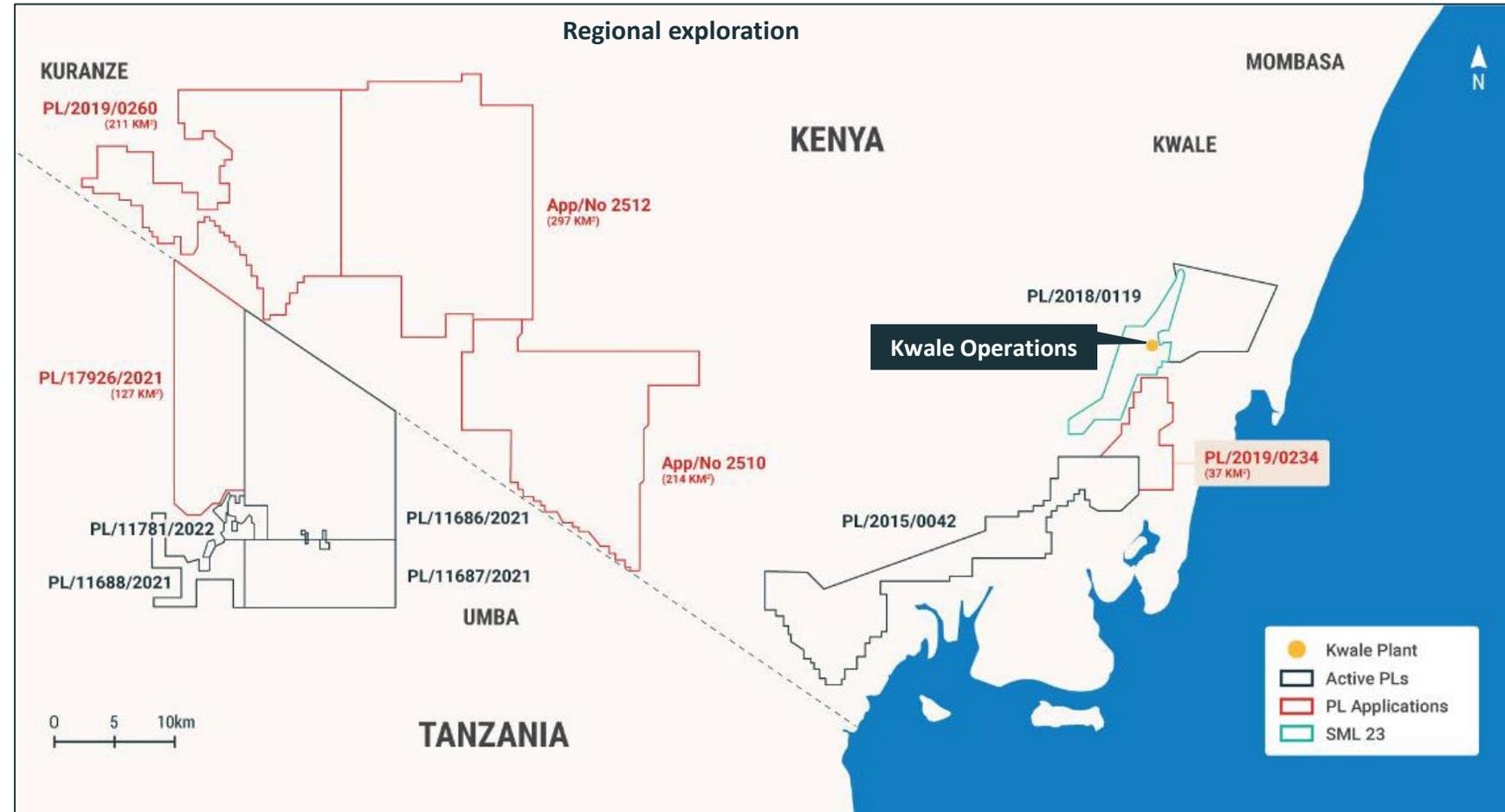
Mine life to Dec 2024... with further potential

- Bumamani Project extends Kwale mine life to December 2024:
 - Bumamani Project to initially be mined concurrently with Kwale South Dune to maximise mining rates and better manage tailings.
 - Procurement and construction commenced with mining at North Dune to start March 2023.
- Looking to extensions beyond 2024, with recent positive progress toward obtaining community support for exploration in the Kwale East zone.



...and opportunities further afield

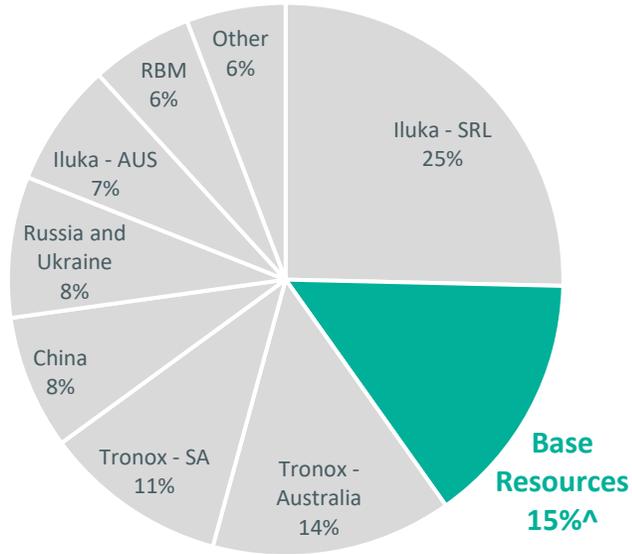
- Four exploration licences have been granted in the Umba region of Tanzania, with a fifth progressing, and expanded exploration activities underway.
- 3,000m air-core drill program commencing in September on Umba licences, with further 10,000m infill drilling planned.
- Base Resources is engaging with the Government of Kenya and other stakeholders to have the November 2019 moratorium on the issuance of prospecting licences lifted and issuance of mineral rights recommenced.



Supply issues provide rutile price momentum



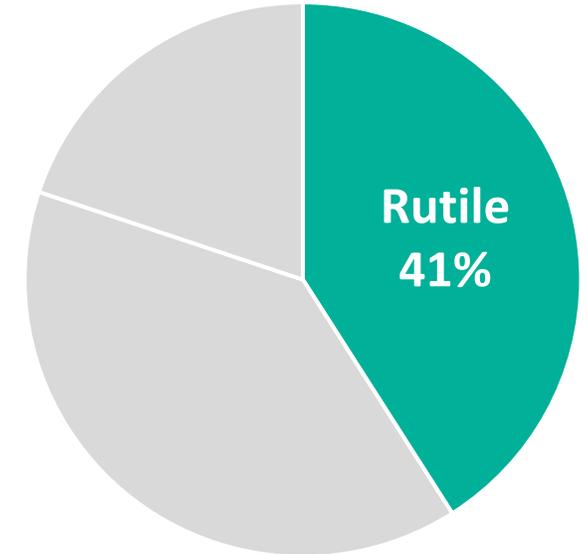
Global rutile supply*



Historical rutile prices (US\$/t FOB)



FY22 sales revenue split



Market dynamics

- Strong demand from all sectors, including titanium and welding, amid ongoing supply constraints.
- Lack of feedstock limited western pigment production.

Price outcomes

- Demand from existing customers exceeded Kwale production capacity.
- Average rutile price achieved in FY22 increased by 26%, compared to FY21, to US\$1,480/t.

Outlook

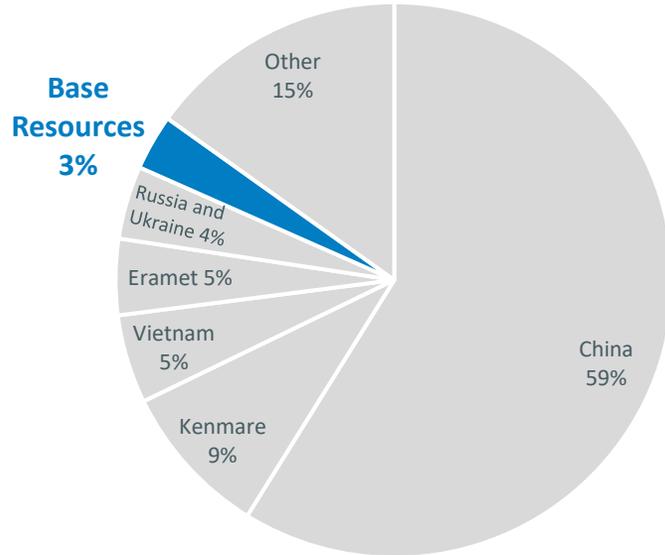
- Ongoing strength in all end use sectors likely to see prices maintained for rutile through early FY23.

*Source: Company and industry data, in each case, for the twelve-month period to 31 December 2021.

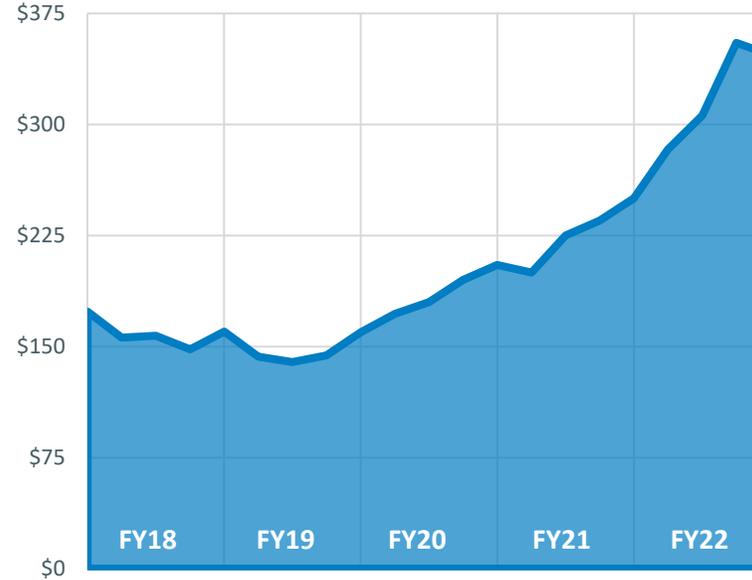
^Base Resources supplied 3% of total high grade feedstocks market for the twelve-month period to 31 December 2021 (inc rutile, synthetic rutile and other high-grade feedstocks)

Ilmenite prices to moderate

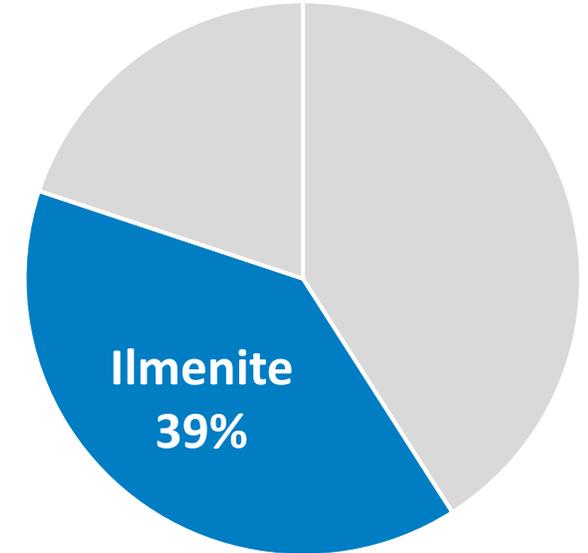
Global sulphate ilmenite supply*



Historical ilmenite prices (US\$/t FOB)



FY22 sales revenue split



Market dynamics

- Global demand remained very strong and continued to outpace supply.
- Ukraine conflict disrupting supply into global market.

Price outcomes

- Average ilmenite price achieved in FY22 increased by 42%, compared to FY21, to US\$327/t.
- Higher freight costs eroded net prices.

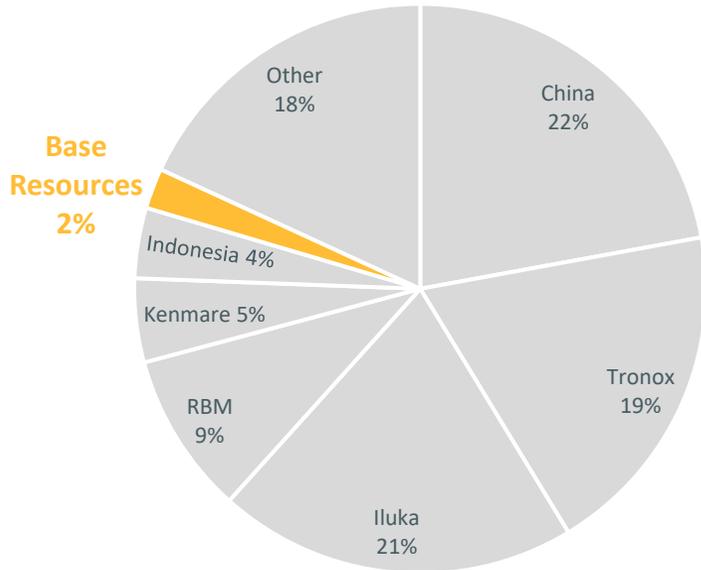
Outlook

- Global economic uncertainty and increased supply to weigh on market.
- Pricing momentum likely to ease through FY23.
- Demand from Chinese chloride slag production to continue growing.

* Source: Company and industry data, in each case for the twelve-month period ended 31 December 2021.

Zircon price growth maintained

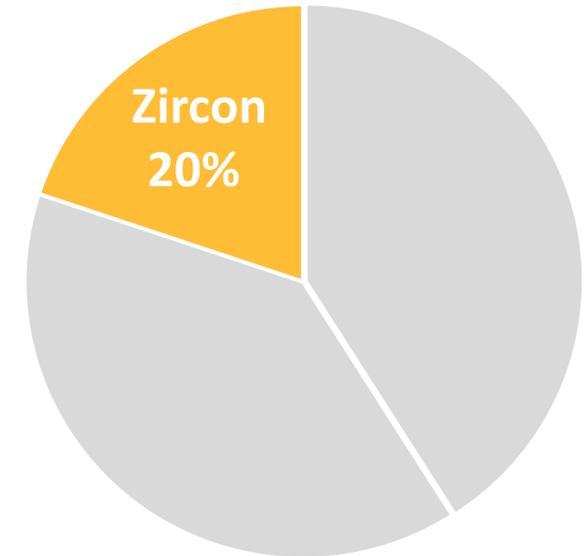
Global zircon supply*



Historical zircon prices (US\$/t FOB)



FY22 sales revenue split



Market dynamics

- Tight market with constrained supply and strong demand from all end use sectors and regions.
- Low inventory through supply chain.

Outcomes

- Demand from existing customers far exceeded Kwale production capacity.
- Average zircon price achieved in FY22 increased 57%, compared to FY21, to US\$2,041/t.

Outlook

- Pricing momentum maintained into early FY23.
- Medium term pricing dependent on developments in Chinese and European economies.

* Source: Company and industry data, in each case, for the twelve-month period ended 31 December 2021.

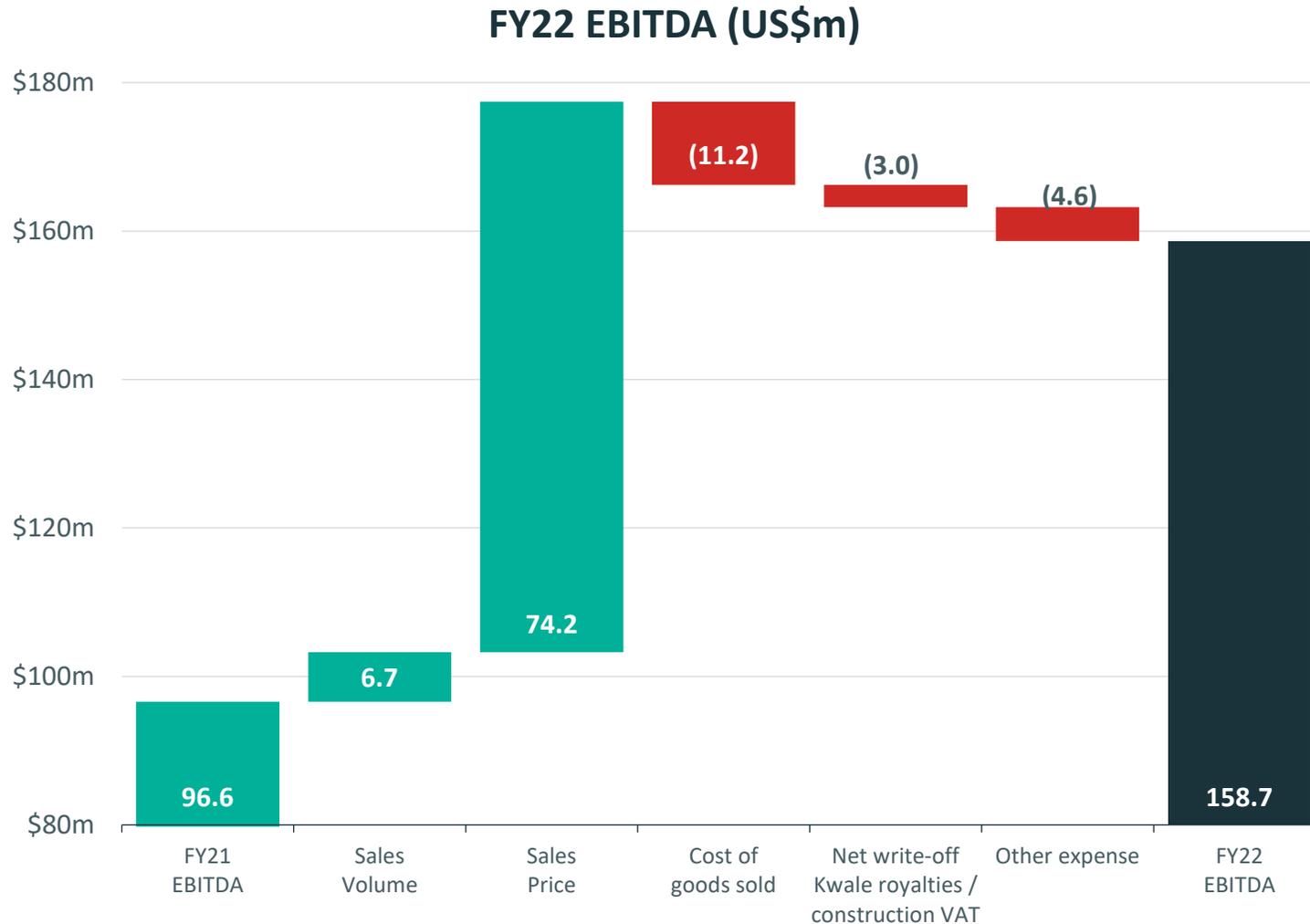
Record revenue, EBITDA and NPAT

(US\$ millions)	FY22	FY21
Revenue	279.1	198.2
Operating costs (net of inventory movements)	(73.5)	(66.5)
Royalties	(18.0)	(13.8)
Selling & distribution	(2.9)	(1.7)
Corporate & external affairs	(11.9)	(11.5)
Community development	(6.2)	(4.6)
Net write-off Kenyan VAT	(3.0)	-
Other	(4.9)	(3.5)
EBITDA	158.7	96.6
Depreciation & amortisation	(40.7)	(59.4)
Financing costs	(4.1)	(7.9)
Corporate income tax	(19.6)	(9.3)
Dividend withholding tax	(13.5)	(9.0)
NPAT	80.7	11.0

- 41% increase in revenue due to higher sales prices.
- Operating costs higher due to fuel price increases, 4% more production volume and a draw down of inventories.
- Royalties increased on higher revenue.
- Kwale Operations ore reserves increased, spreading future depreciation charges over a longer life of mine.
- Corporate tax higher in line with profits.
- Dividend withholding tax increased following repatriation of US\$90.0 million in surplus cash to Base Resources.



Product prices drive record EBITDA



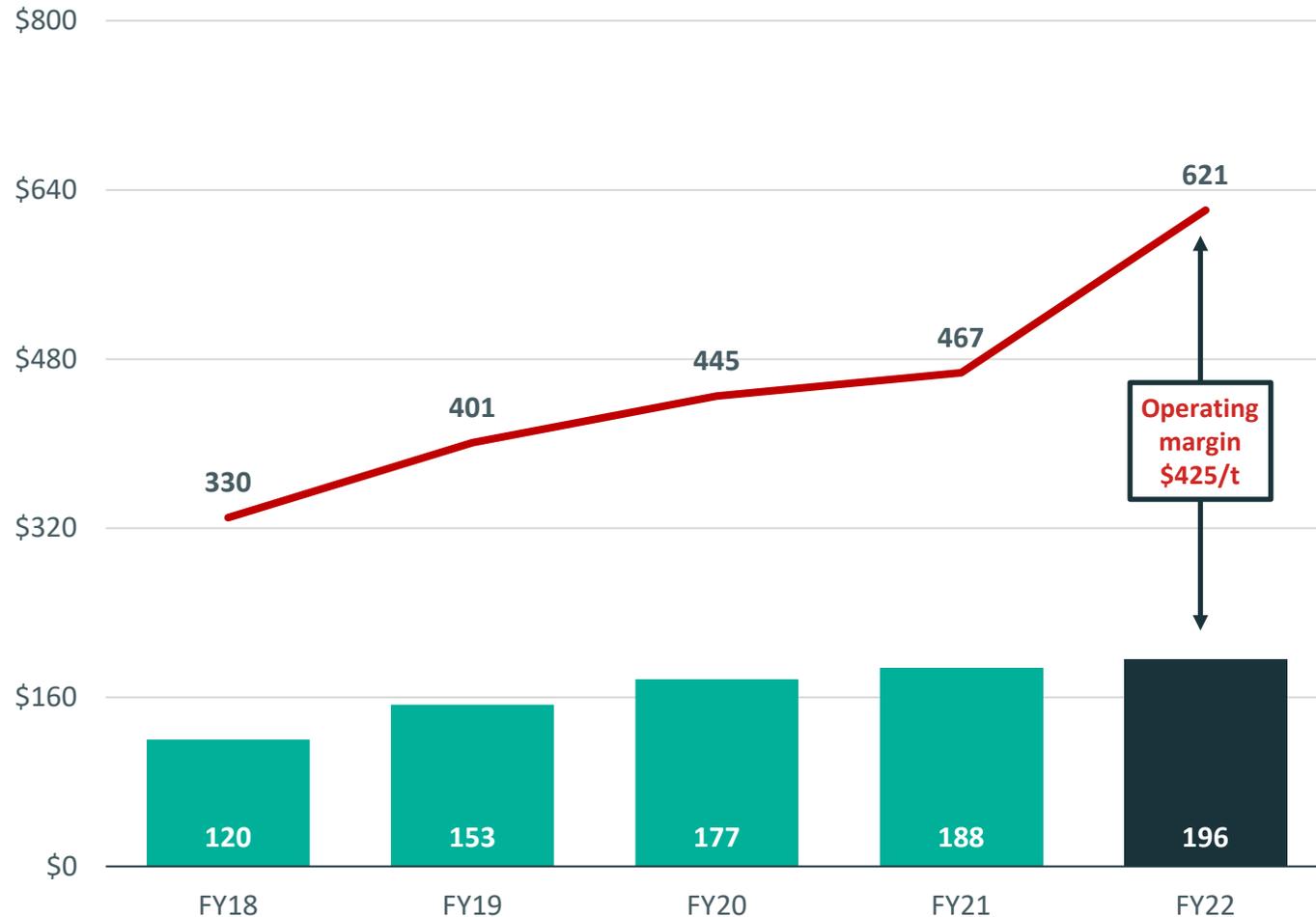
- Revenue up 41% on higher prices for all products and an increase in sales volume.
- Cost of goods sold increased due to:
 - Higher operating costs (US\$5.2m).
 - Higher royalties (US\$4.2m) on increased revenue.
 - Net drawdown of inventories (US\$1.9m).
- US\$3.0m net write-off arising from abandonment of construction period VAT receivable and reversal of over accrual of Government of Kenya royalty in connection with the variation of Kwale mining lease*.

* For further information, refer to Base Resources' announcement on 30 September 2021 "Kwale mining lease extension secured and royalty discussions finalised".

Price increases and cost control expands operating margin



Unit revenue and cost of sales (US/t)

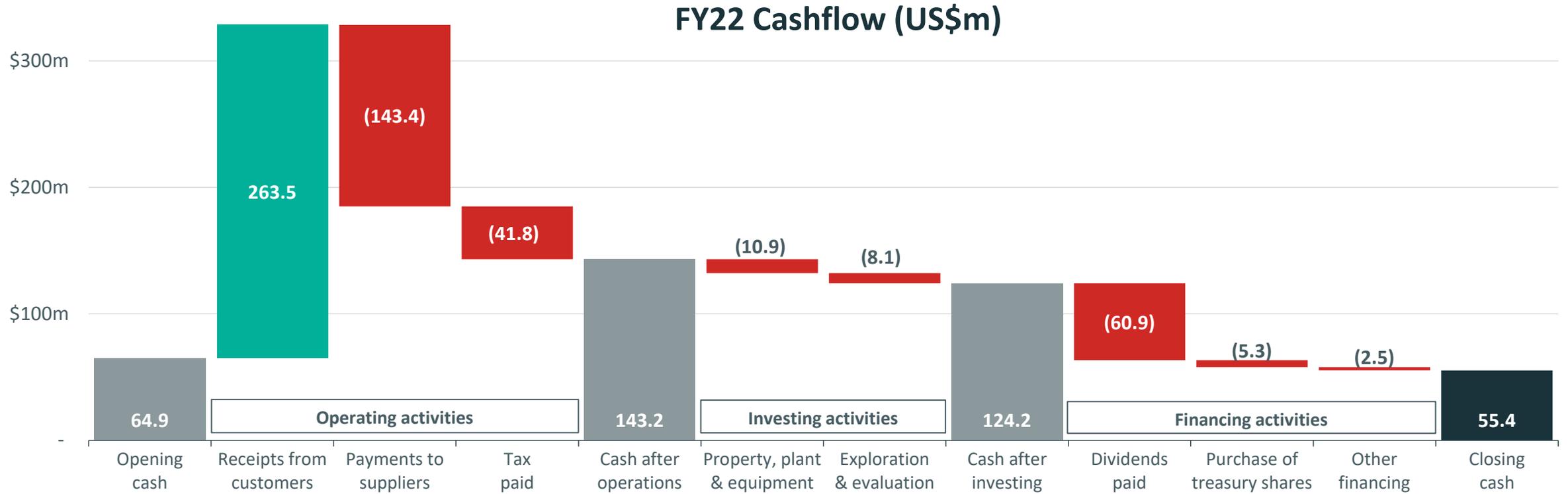


- Price increases for all products resulted in a 33% increase in average revenue per tonne sold.
- 4% increase in unit costs due to increased fuel costs for mining and production activity.
- Operating margin increased 52% to US\$425 per tonne.
- Revenue to cost of sales ratio increased to 3.2:1.

Revenue to cost of goods sold ratio



Cash impacted by tax and dividend payments



- Receipts from customers lower than sales revenue due to US\$15.8m increase in trade receivables.
- Payments to suppliers includes US\$18.8m of catch-up royalties payable to the Government of Kenya.
- Kenyan corporate tax payments of US\$23.8m and Kenyan dividend withholding tax of US\$18.0m paid during FY22.

- Invested US\$10.9m on Kwale Operations, primarily for extension of mining to the south, including land acquisitions, US\$6.3m on Toliara Project progression and US\$1.8m on exploration activities.
- Dividends paid in FY22 totalled AUD 7.0 cents per share or US\$60.9m (in aggregate).

Balance sheet stability

(US\$ millions)	FY22	FY21
Cash	55.4	64.9
Trade & other receivables (incl. VAT)	69.0	62.6
Inventory (stockpiles & consumables)	15.1	18.4
Property, plant and equipment	89.0	104.9
Capitalised exploration & evaluation	156.1	157.9
Other	9.1	8.2
Total assets	393.7	416.9
Trade and other payables	17.7	21.6
Provision for increase in GoK royalties	-	31.4
Mine closure and rehabilitation provision	22.3	20.4
Toliara deferred consideration	17.0	17.0
Other	3.0	6.6
Total liabilities	60.0	97.0
Total equity	333.7	319.9

- Kwale construction VAT receivable write-off (of US\$16.0m) as part of Government of Kenya royalty agreement.
- Decrease in provisions following agreement with Government of Kenya on royalties. Consisting of a US\$18.8m catch-up payment and US\$13.0m reversal of over accrual (offsetting VAT write-off).



Capital management provides continued returns to shareholders



Our approach

Consistent with Base Resources' growth strategy, the Company seeks to provide returns to shareholders through both long-term growth in the Company's share price and appropriate cash distributions.

Cash not required to meet the Company's near-term growth and development requirements, or to maintain requisite balance sheet strength in light of prevailing circumstances, could be expected to be returned to shareholders.

- Final dividend of AUD 3.0 cents per share (unfranked) determined and to be wholly paid from conduit foreign income.
 - Totalling A\$35.3m (~US\$24.4m)
- Upon payment of the FY22 final dividend, dividends distributed to shareholders since October 2020 will total AUD 16.5 cents per share, equal to A\$194.4m (~US\$141.7m)
- Continues to strike the right balance between delivering cash returns to shareholders, retaining balance sheet strength and allowing for sensible progression of the Toliara Project.

Timetable

- Ex-dividend date: 2 September 2022
- Record date: 5 September 2022
- Payment date: 22 September 2022

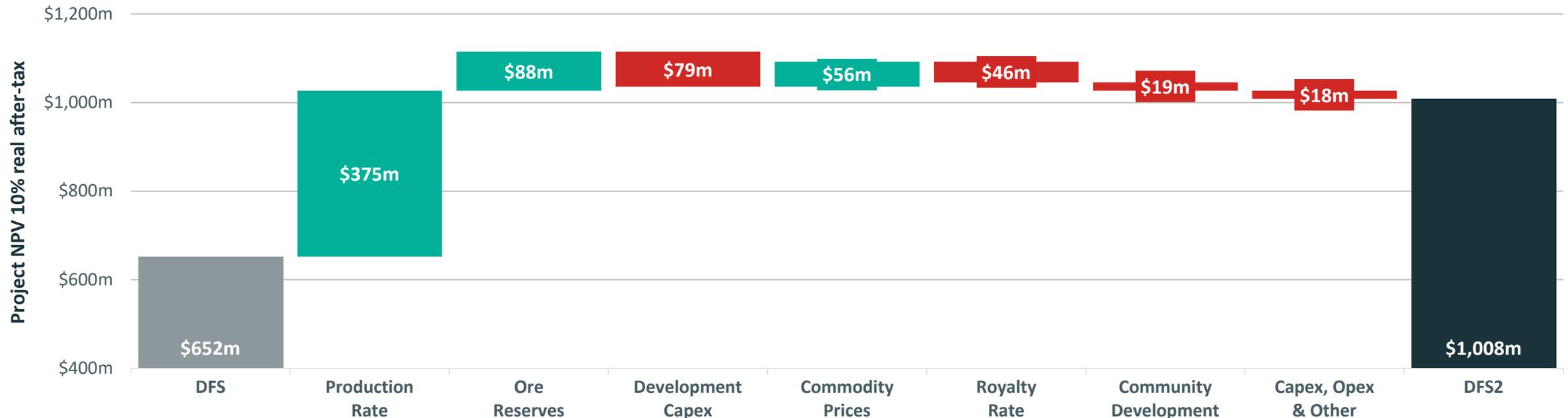
DFS2 enhances Toliara Project scale...



Since release of the DFS in 2019, the Ranobe Mineral Resources and Ore Reserves estimates have substantially increased, which, when combined with the attractive long-term supply-demand outlook, have provided the opportunity to enhance project value by increasing its scale.

- Ranobe Ore Reserves estimate increased to 904Mt at an average heavy mineral grade of 6.1% – extending initial mine life to 38 years.
- Increased scale of Stage 2 lifts mining rates to ~25Mtpa (33% higher than the 2019 DFS) and adds ~47% to MSP production capacity (to 220tph).
- Stage 1 capex increased to US\$520m (up US\$78m), primarily due to input cost escalation, while the larger scale of Stage 2 increases Stage 2 capex to US\$137m (up US\$68m).

Key drivers of Project NPV change from DFS to DFS2 (USD)



Refer to the Appendix to this document for further information about the Ranobe Ore Reserves estimate.

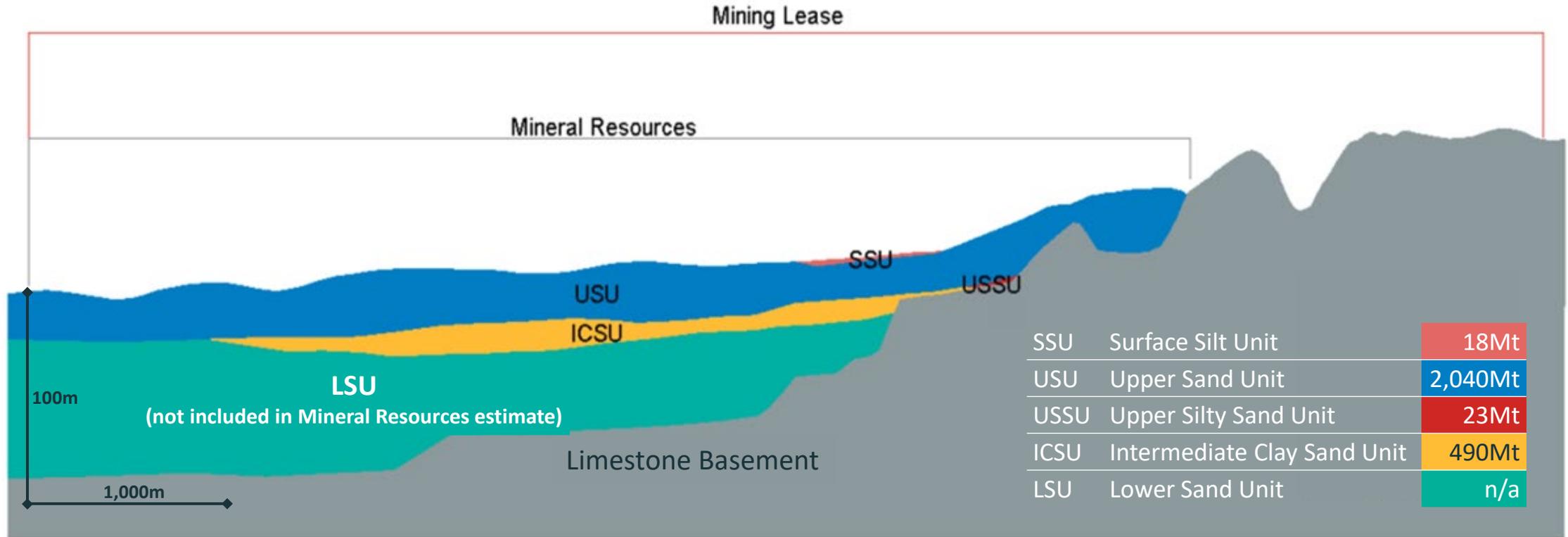
... and improves already strong economics



- 55% increase in post-tax / pre-debt (real) NPV @ 10% discount rate to US\$1,008m.
- Average revenue to cost of sales ratio improves to 3.5.
- LOM free cash flow increased by 60% to US\$5.9 billion, with the first 10 years averaging US\$210m per annum.
- Annual averages (excluding first and last partial operating years):
 - Revenue US\$317m - a 28% increase.
 - Operating costs of US\$90m (inclusive of 4% royalties) higher than the 2019 DFS due to increased scale of operation and royalties.
 - EBITDA US\$219m – 34% higher.
 - Free cash flow US\$174m – 32% higher.

	Unit	DFS2	DFS
NPV ₁₀ (discount rate of 10%), post tax, real	US\$ millions	1,008	652
IRR	%	23.8	21.4
Initial (Stage 1) capex	US\$ millions	520	442
Construction period (Stage 1)	Months	27	26
Stage 2 capex	US\$ millions	137	69
Construction period (Stage 2)	Months	21	12
Capital payback period (Stage 1 + 2)	Years	4.5	4.3
Life of mine	Years	38	33
LOM operating costs + royalty	US\$/t ore mined	3.78	4.31
LOM operating costs + royalty	(A) US\$/t produced	88	94
LOM revenue	(B) US\$/t produced	306	295
LOM cash margin	(B-A) US\$/t produced	218	201
LOM revenue : cost of sales ratio	(B/A) Ratio : 1	3.5	3.2
LOM free cash flow	US\$ millions	5,922	3,692

Toliara Project Mineral Resources increased...



Ranobe Mineral Resources - 2,580Mt @ 4.3% HM

- 68% increase in contained HM to 111Mt.
- Measured & Indicated of 1,390Mt @ 5.1% HM.
- LSU yet to be incorporated in estimate.

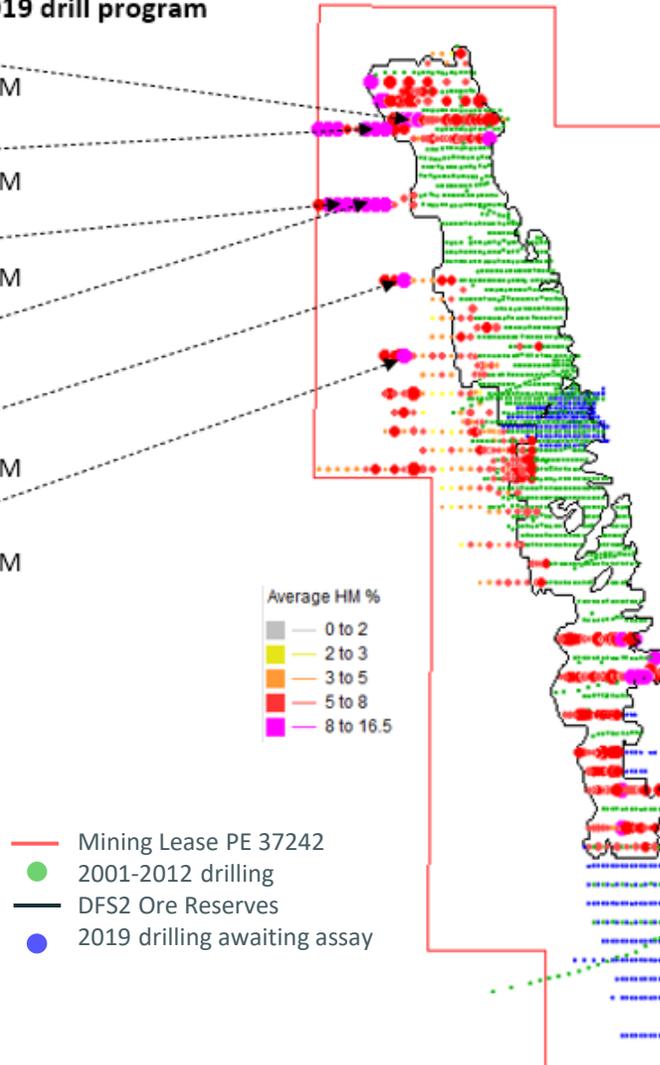
Ranobe Ore Reserves - 904Mt @ 6.1% HM

- 45% increase in contained HM to 55Mt at 6.1%.
- 50% of current Mineral Resources contained HM.
- Only includes material from the SSU and USU.

...with further expansion and value potential

Significant results from 2019 drill program

- 71.5m @ 12.2% HM
- with LSU of 41.5m @ 17.6% HM
- 72m @ 11.6% HM
- with LSU of 43.5m @ 16.5% HM
- 81m @ 15.7% HM
- with LSU of 67.5m @ 18.3% HM
- 87m @ 13.9% HM
- with LSU of 69m @ 16.4% HM
- 78m @ 9.1% HM
- with LSU of 46.5m @ 13.8% HM
- 87m @ 9.1% HM
- with LSU of 52.5m @ 13.8% HM



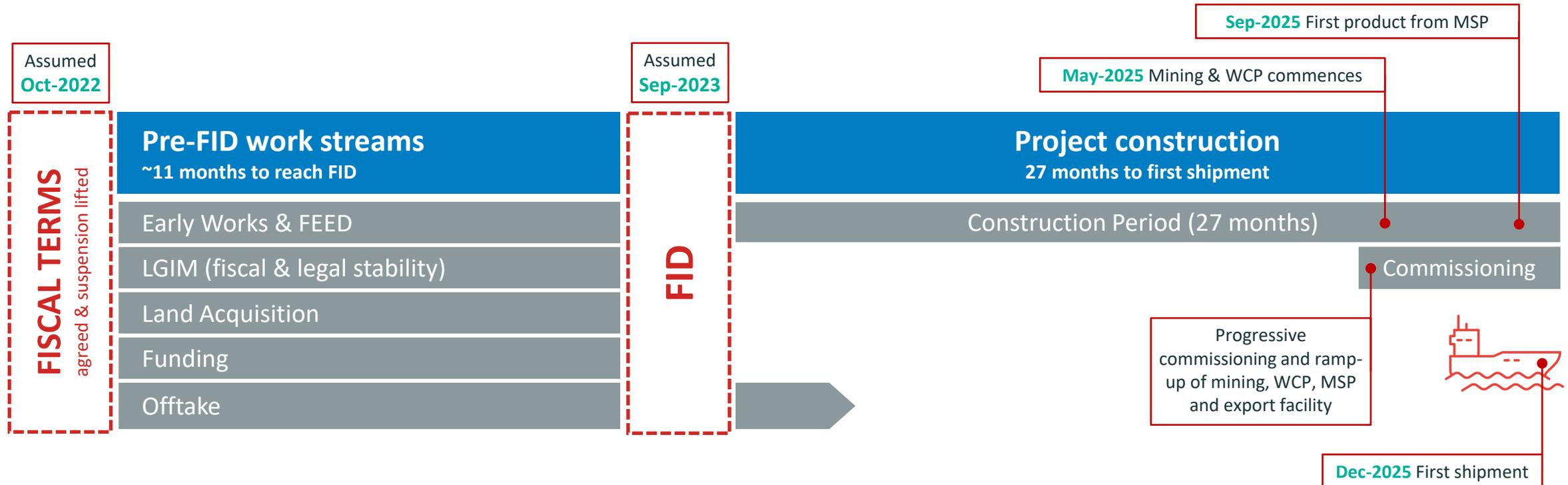
- The 2019 drill program identified significant heavy mineral intercepts in the LSU in the NW sector.
- Further drilling, and subsequent resource definition, targeting high-grade LSU zones in the NW sector to be completed as access to site becomes available.
- Mineral Resources HM estimate contains 2.0% monazite.
 - Represents a significant potential source of REO.
 - Concept study to assess the monazite and REO potential commenced.
- Higher garnet levels are evident in the LSU.
 - Potentially suitable for the waterjet and blast markets.

Notes:

- For further information in relation to the drill results on this slide, refer to Base Resources' announcement on 21 January 2020 "Toliara Project drill assays reveal significant high-grade mineralisation" available at <https://baseresources.com.au/investors/announcements>. Base Resources confirms that it is not aware of any new information that materially affects the information included in that announcement.
- The existing mining tenure, *Permis D'Exploitation* 37242, does not currently provide the right to exploit monazite, rare earth oxides or garnet.

Toliara Project indicative timeline

Discussions with the Government of Madagascar on the fiscal terms applicable to the project are now at an advanced stage, with a clear pathway for agreement to be reached, and the suspension of on-ground-activities lifted. Once fiscal terms are agreed, there will be approximately 11 months' work to complete prior to FID, including finalising financing, completing the land acquisition process and concluding major construction contracts.



Key priorities for FY23

Priorities for FY23[^]

- Bringing the Bumamani Project online.
- Pursuing additional Kwale mine life extension through exploration.
- Securing fiscal terms with the Government of Madagascar, and lifting of the on-ground suspension, paving the way for Toliara Project's progression towards FID.
- Completing the Toliara Project concept study on monazite and rare earths.

Kwale Operations production guidance for FY23^{*}

- Rutile – 62,000 to 73,000 tonnes
- Ilmenite – 260,000 to 310,000 tonnes
- Zircon – 22,000 to 27,000 tonnes

[^] For further information on the FY23 capital expenditure program refer to the Appendices.

^{*} For further information, including the applicable assumptions, refer to Base Resources' announcement on 21 July 2022 "Quarterly Activities Report - June 2022" available at <https://baseresources.com.au/investors/announcements>.





**BASE
RESOURCES**



A. Level 3, 46 Colin Street, West Perth WA 6005
PO Box 928, West Perth BC 6872, Australia

Ph. +618 9413 7400

F. +618 9322 8912

E. info@baseresources.com.au

baseresources.com.au

For further information contact:

James Fuller, Manager – Communications and Investor Relations

Ph. +618 9413 7426

M. +61 488 093 763

E. jfuller@baseresources.com.au

Appendices



Key expected capital expenditure in FY23



Kwale mine life extension

- US\$28.1m to implement the Bumamani Project, including land acquisitions and supporting infrastructure.
- US\$2.2m for near-mine and regional exploration.
- Land for potential resettlement of Kwale East communities – acquisition and cost subject to ongoing negotiations with landowner(s).

Kwale Operations sustaining capital

- US\$2.2m for additional pumping, piping and electrical infrastructure required to extend mining activities further along the South Dune ore body.

Kwale Operations rehabilitation works

- US\$5.8m for general land rehabilitation works.

Toliara Project

- Prior to the lifting of suspension, in-country operating costs are heavily focused on government and stakeholder engagement.
- Substantive project development activities will commence following the lifting of suspension, focusing on engineering progression and early works.
- On securing fiscal terms, the following costs could be expected to be triggered:
 - Establishment of a Community Development Fund - quantum subject to ongoing discussions with the Government of Madagascar.
 - Deferred acquisition consideration payable on LGIM certification of US\$7.0m.
 - Land acquisition and compensation of US\$9.2m.

Kwale Ore Reserves and Mineral Resources



Category	Material	HM	HM	SL	OS	HM Assemblage		
						ILM	RUT	ZIR
	(Mt)	(Mt)	(%)	(%)	(%)	(%)	(%)	(%)
Mineral Resources as at 30 June 2022								
Measured	125	2.2	1.7	35	1.5	45	13	5.6
Indicated	77	1.3	1.6	35	2.8	51	14	6.1
Inferred	3	0.0	1.2	36	3.3	48	15	6.7
Total	205	3.5	1.7	35	2.0	47	13	5.8
Ore Reserves as at 30 June 2022								
Proved	26	0.69	2.7	28	1.2	56	14	6.0
Probable	14	0.40	2.7	29	4.2	55	13	6.0
Total	40	1.1	2.7	28	2.3	55	14	6.0

Notes:

- 1) Mineral Resources estimated at a 1% HM cut-off grade.
- 2) Mineral Resources are reported inclusive of the Ore Reserves.
- 3) Table subject to rounding differences.

For further information on the Kwale Deposit Mineral Resources and Ore Reserves, for the Kwale South Dune Deposit, refer to Base Resources' announcement on 20 August 2021 "Updated Kwale South Dune Mineral Resources and Ore Reserves estimate", for the Kwale North Dune and Bumamani Mineral Resources, refer to Base Resources' announcement on 19 February 2021 "Updated Kwale North Dune and maiden Bumamani Mineral Resources estimates" and, for the Kwale North Dune and Bumamani Ore Reserves, refer to Base Resources' announcement on 20 June 2022 "Maiden Kwale North Dune and Bumamani Ore Reserves estimates", each of which is available at <https://baseresources.com.au/investors/announcements/>. Base Resources confirms that it is not aware of any new information or data that materially affects the information included in the 20 August 2021, 19 February 2021 and 20 June 2022 announcements and all material assumptions and technical parameters underpinning the estimates in the 20 August 2021, 19 February 2021 and 20 June 2022 announcements continue to apply and have not materially changed.

Ranobe Ore Reserves and Mineral Resources



Category	Material	HM	HM	SL	OS	HM Assemblage as % of HM					
						ILM	RUT	LEUC*	ZIR	MON^	GARN^
	(Mt)	(Mt)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
Mineral Resources estimate at 30 June 2022											
Measured	597	36	6.1	4.3	0.2	74	1.0	1.0	5.9	1.9	2.2
Indicated	793	35	4.4	7.1	0.5	71	1.0	1.0	5.9	2.0	3.6
Inferred	1,190	39	3.3	9.7	0.6	69	1.0	1.0	5.8	2.0	4.3
Total	2,580	111	4.3	7.7	0.4	71	1.0	1.0	5.9	2.0	3.4
Ore Reserves estimate at 30 June 2022											
Proved	433	30	6.9	3.8	0.1	75	1.0	1.0	6.0	-	-
Probable	472	25	5.3	3.9	0.2	72	1.0	1.0	5.8	-	-
Total	904	55	6.1	3.8	0.1	73	1.0	1.0	5.9	-	-

- Notes:**
- 1) Mineral Resources estimated at a 1.5% HM cut-off grade.
 - 2) Table subject to rounding differences.
 - 3) Mineral Resources are reported inclusive of Ore Reserves.
- ^ Monazite and garnet excluded from the Ore Reserves estimate because the existing mining tenure, PE 37242, does not currently provide the right to exploit these products.
- *Recovered leucoxene will be split between rutile and chloride ilmenite products depending on product specification requirements.

For further information on the Ranobe deposit Mineral Resources and Ore Reserves estimates, refer to Base Resources' announcement on 27 September 2021 "Updated Ranobe Mineral Resources and Ore Reserves estimates", which is available at <https://baseresources.com.au/investors/announcements/>. Base Resources confirms that it is not aware of any new information or data that materially affects the information included in the 27 September 2021 announcement and all material assumptions and technical parameters underpinning the estimates in the 27 September 2021 announcement continue to apply and have not materially changed.

Ranobe Mineral Resources by Zone



Ranobe Deposit Mineral Resources estimate as at 30 June 2022

Zone	Category	Tonnes (Mt)	HM (Mt)	HM (%)	SL (%)	OS (%)	HM Assemblage as % of HM					
							ILM (%)	RUT (%)	LEUC (%)	ZIR (%)	MON (%)	GARN (%)
USU Upper Sand Unit	Measured	575	36	6.2	3.7	0.1	74	1.0	1.0	5.9	1.9	2.2
	Indicated	654	30	4.6	3.6	0.2	71	1.0	1.0	5.9	1.9	3.6
	Inferred	820	27	3.3	2.8	0.1	69	1.0	1.0	5.8	2.0	4.5
	Total USU	2,040	93	4.5	3.3	0.1	72	1.0	1.0	5.9	1.9	3.3
SSU Surface Silt Unit	Measured	4	0.2	5.2	21	0.4	73	1.1	0.8	5.9	2.0	4.0
	Indicated	8	0.3	3.7	16	0.7	69	0.8	1.0	5.7	2.0	4.2
	Inferred	6	0.2	3.0	18	0.4	70	0.7	1.0	7.7	1.7	4.7
	Total SSU	18	0.7	3.8	18	0.5	71	0.9	0.9	6.3	1.9	4.3
USSU Upper Silty Sand Unit	Indicated	13	0.8	6.3	23	2.3	72	0.9	0.8	6.5	1.5	4.4
	Inferred	10	0.7	6.6	26	0.7	73	0.8	0.8	6.4	1.6	4.8
	Total USSU	23	1.5	6.4	25	1.6	72	0.8	0.8	6.5	1.6	4.6
ICSU Intermediate Clay Sand Unit	Measured	18	0.5	3.0	23	3.0	68	1.3	1.2	6.4	2.2	2.3
	Indicated	118	3.6	3.0	24	1.8	68	1.1	1.1	6.1	2.2	3.5
	Inferred	354	11	3.2	25	1.8	69	1.0	1.0	5.8	2.1	3.8
	Total IC SU	490	15	3.2	25	1.8	69	1.1	1.1	5.9	2.1	3.7
Total – all zones	2,580	111	4.3	7.7	0.4	71	1.0	1.0	5.9	2.0	3.4	

Table subject to rounding differences. Mineral Resources estimated at 1.5% HM cut off grade.

*Mineral Resources are reported inclusive of Ore Reserves

The Ranobe deposit Mineral Resources estimates a mineralised unit basis have been re-issued from the DFS2 Announcement, which was issued with the consent of Competent Person, Mr Ian Reudavey. They are zonal estimates in respect of the Mineral Resources estimate included in Base Resources' announcement on 27 September 2021 "Updated Ranobe Mineral Resources and Ore Reserves estimates". Together with the DFS2 Announcement, this announcement is available at <https://baseresources.com.au/investors/announcements/>. Base Resources confirms that it is not aware of any new information or data that materially affects the information included in the 27 September 2021 announcement (and therefore the information on a mineralised unit basis included in the DFS2 Announcement) and all material assumptions and technical parameters underpinning the estimates in the 27 September 2021 announcement (and therefore the estimates on a mineralised unit basis included in the DFS2 Announcement) continue to apply and have not materially changed. Base Resources confirms that the form and context in which the Competent Person's findings are presented have not been materially modified.