

Brickworks Limited

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23 March 2023

Australian Securities Exchange Attention: Companies Department BY ELECTRONIC LODGEMENT

Dear Sir / Madam

Please find attached presentation to be made to analysts today regarding Brickwork's financial results for the half year ended 31 January 2023, for immediate release to the market.

This announcement has been authorised for release by the Brickworks Board of Directors.

Yours faithfully

BRICKWORKS LIMITED

& Seppences

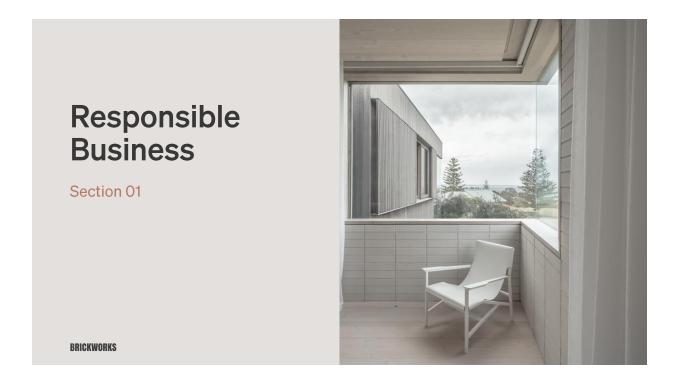
Susan Leppinus

Company Secretary



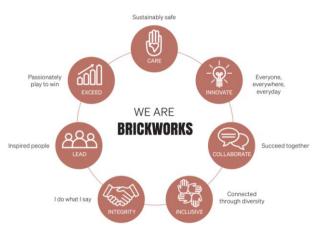


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Responsible Business

Brickworks is committed to responsible business across a range of key areas



Delivering on Sustainability & Responsible Business

- Sustained decrease in workplace injuries
- Track record of emissions reduction
- Sustainable property development
- Increasing workplace diversity
- Long-standing partnership with Children's Cancer Institute

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Safety

A sustained decrease in workplace injuries has been achieved

- Overall, the reportable injury rate decreased to 10.3 in 1H23, down from 11.7 (in FY22)
 - Improvements recorded in both Australia and North America
 - North American injury rates now comparable to Australia
- Sustained decrease in injury rates over many vears
- Three lost time injuries during the half (1 in Australia, 2 in North America)

Total Reportable Injury Frequency Rate Injuries per million work hours



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Environment (Building Products)

Brickworks has a track record of emissions reduction

- · Clay bricks are a naturally sustainable product
- 42% reduction in carbon dioxide emissions across Australian operations since FY06 (base year)
- Continued investment in new plants to improve energy efficiency
- 12%+ bioenergy in manufacturing in Australia
- Investigating the feasibility of developing biogas facilities at our brick plants

Clay Bricks - Sustainability Features Thermal mass Low maintenance Fire-resistant Long service life Non-toxic Recyclable / Re-used BKW 1H2023 Results 23.03.2023 6

Environment (Property)Together with our JV partner Goodman, we aim to be world leaders in sustainable industrial property design and development

- Our industrial property estates incorporate sustainable design initiatives such as:
 - Solar PV
 - LED lighting
 - Translucent roof sheeting
 - Energy and water monitoring
 - Drought resistant landscaping
 - Rainwater harvesting with smart irrigation systems
 - Water sensitive urban design
 - Electric vehicle charging stations
- The latest development at Oakdale West includes 11.6MW of solar already committed (equivalent to the environmental saving of taking approximately 7,500 cars off the road)

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Asset Growth & Shareholder Returns

Section 02

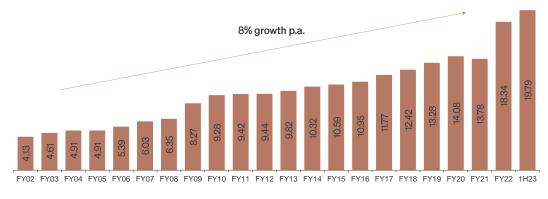


Asset Growth - Net Assets Per Share

Brickworks NTA per share has increased at 8% per annum over the last 20 years

Net Tangible Assets Per Share (\$)

- · Balance sheet measure
- · Does not take into account underlying growth in land value (outside the Property Trusts) or WHSP market value

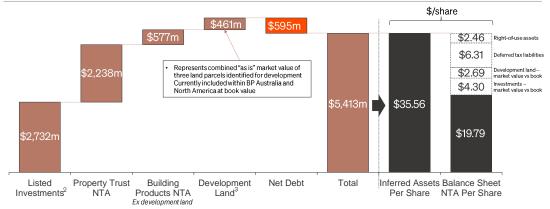


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Asset Growth - Inferred Asset Backing

Brickworks' current inferred gross asset backing is over \$35 per share

Inferred Asset Value¹ (31 Jan 23)



^{1.} Asset values as at 31 Jan 2023. Building Products NTA includes AASB 16 (Leases) right-of-use assets 2. Includes SOL and FBR shareholding at market price 31 Jan 23 3. "Development Land" comprises three sites identified for development, currently held at book value within Building Products. Based on independent market valuations, these sites have a combined "as-is" value of \$0.461 billion and a "rezoned" value of \$0.966 billion.

Asset Growth - Review of Past 5 Years

The last five years has been a period of transformation for Brickworks, with gross assets (on balance sheet) doubling to more than \$6 billion

Major Achievements and Initiatives Since FY2018

Building Products

- · International expansion, with the creation of Building Products North America
- Major capital investment program (Australia and North America)
- · Portfolio refinement and optimisation (acquisitions, growth investment and asset sales)

Property

- Fast-tracked land releases and development of industrial facilities in response to market trends and strong customer demand
- · Creation of Brickworks Manufacturing Trust
- \$1.7 billion increase in net property trust assets (since 31 Jul 2018)

Investments

- SOL acquisition of Milton to create Australia's leading diversified investment company (Brickworks retains position as the largest shareholder)
- Strategic stake established in FBR, with Brickworks now the largest shareholder

Over the past five years, Brickworks gross assets (on balance sheet) have doubled to more than \$6 billion

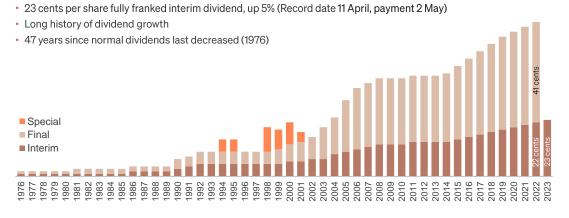
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Dividends

Brickworks' normal dividend has been maintained or increased since 1976

Brickworks Dividend History

Cents per share

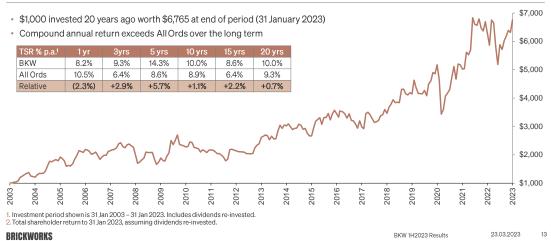


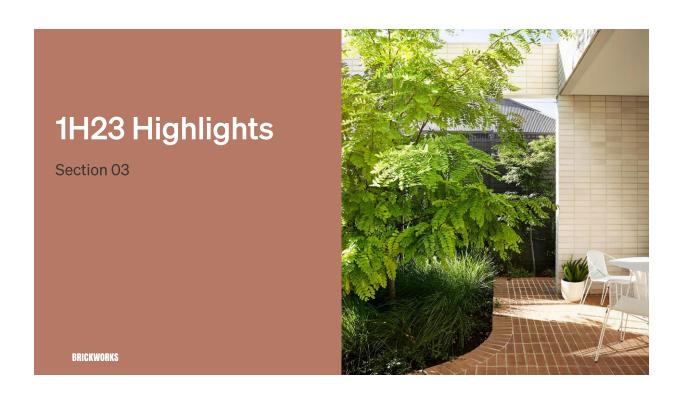
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Shareholder Returns

Brickworks has created significant shareholder value over the long term

Value of \$1,000 invested in 2003 (20 years ago)1





1H23 Overview

Record Half Year Underlying NPAT \$410m, up 24%

1H23 has been another period of strong asset growth for Brickworks and record underlying earnings was achieved across our diversified portfolio of attractive assets Value of Property Trusts up by \$484m & strong development pipeline in place

Brickworks' share of WHSP market value up \$285m

Major capital program across Building Products nearing completion, headlined by new brick plant in Western Sydney

Gearing (net debt / equity) of 17%

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1H23 Financial Highlights

\$607^m

EBITDA ↑ 25%

(continuing operations)

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269 cents

Underlying EPS ↑ 24% (continuing operations)

\$410^m

Underlying profit \uparrow 24%

(continuing operations)

\$19.79

NTA Per Share ↑ 8%

Vs 31 July 2022

\$354^m

Statutory profit √ 38%

23 cents

Interim Dividend ↑5%

fully franked

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Divisional Overview

Brickworks has a diversified portfolio of attractive assets across four divisions

Property

Joint Venture Industrial & Manufacturing Property Trusts with Goodman Group

amazon

Investments

26.1% interest in SOL 19.1% interest in FBR¹



Building Products Australia

Australia's leading brickmaker + strong positions in other building products



Building Products North America

Leading brickmaker in Midwest and Northeast USA



1. Following the end of the period, FBR Limited completed a share placement, diluting Brickworks shareholding to approximately 18% and the period of the p

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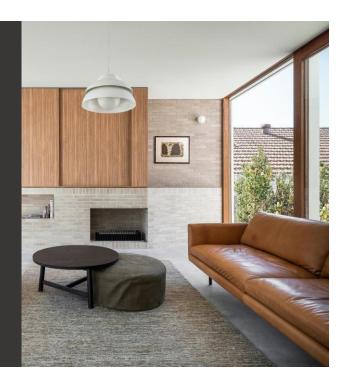
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Property & Investments

Section 04





Property – Overview Brickworks hold a vast portfolio of property assets with significant growth potential

Joint Venture Property Trusts

Industrial Trust



- \$2.020 billion BKW net asset value
- Prime industrial / logistics, tenanted by third party customers
- · Estates across Sydney and Brisbane
- Development land held within Trust provides significant further growth

BKW Manufacturing Trust



- \$218 million BKW net asset value
- Manufacturing sites, tenanted by Brickworks subsidiaries
- · Properties located across Australia
- · Some opportunities to develop sites to improve utilisation

Brickworks 100% ownership

Operational + Surplus Land



- · Significant additional value
- Key development sites include:
 - Horsley Park (NSW)
 - Craigieburn (VIC)
 - Mid-Atlantic (PA, USA)

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Property - 1H23 Highlights

EBIT↑ 26%

+47%

Increase in net trust income, to \$25 million

\$301m Sale of Oakdale East Stage 2

Increase in value of net **Property Trust assets**

>1 million m²

Leased area within Industrial JV Trust, following completion of new facilities at Oakdale West

21%

Gearing within Property Trusts, down from 24%

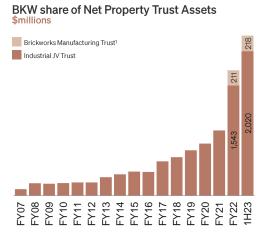
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Property Trust Asset Value
The net value of Brickworks' share of Property Trust assets increased by \$484 million during the half

HALF ENDED JAN (\$M)	FY22	1H23	CHANGE
Leased properties	3,763	4,907	30%
Land under development	867	772	(11%)
Total Property Trust assets	4,630	5,679	23%
Borrowings	(1,123)	(1,204)	7%
Net Property Trust assets	3,507	4,476	28%
BKW 50% share	1,754	2,238	28%
Gearing	24%	21%	(13%)



1. During the period, the Brickworks Manufacturing Trust capitalised stamp duty costs, resulting in an increase in assets

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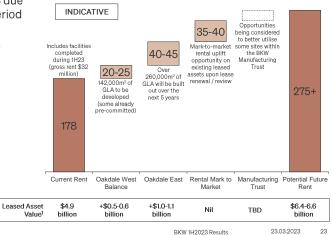


Property Trust Net Rental Income – Future Growth (5-year outlook)

There is a considerable opportunity to increase rental income from the Property Trusts over the coming years

- Current annualised rent is \$178 million
 - Exceeds run-rate achieved in 1H23 due to completion of facilities late in period (\$32 million p.a.)
- · Future annualised rent is expected to be \$275m+ (within circa 5 years)
 - Balance of Oakdale West (\$20-25 million)
 - Oakdale East (\$40-45 million)
 - Mark-to-market rent upon lease renewals (\$35-40 million)
 - **Brickworks Manufacturing Trust** opportunities
- Further growth provided by additional properties sold into Trust

1. Forecasts assume net rent of \$160/m² and capitalisation rate of 4%

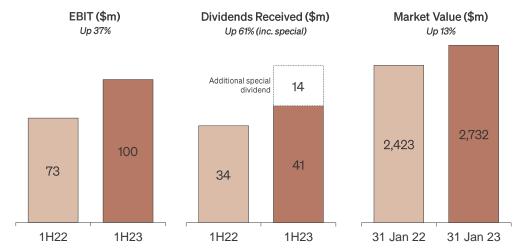


Potential Growth of Property Trust Net Rent1

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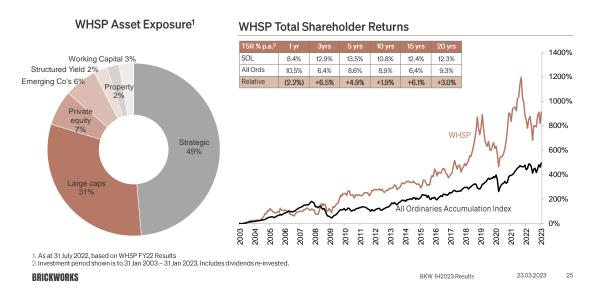
Investments – 1H23 Result¹

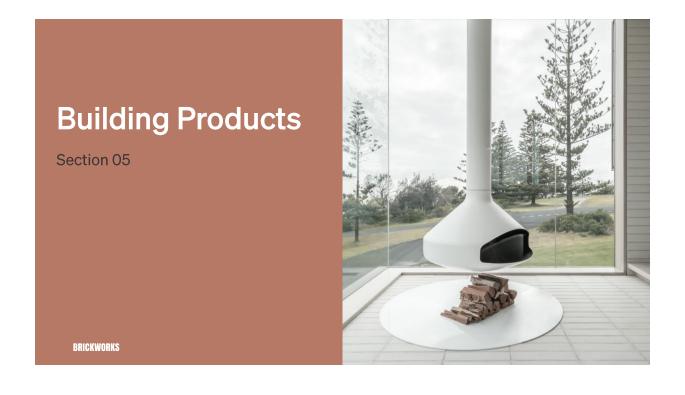
Investments delivered higher earnings and dividends in 1H23, and also increased in market value



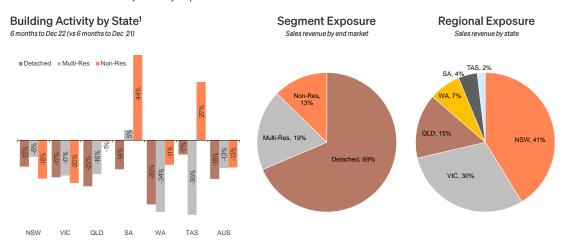
1. The majority of the FBR stake was acquired during 1H23. As such, 1H23 includes the SOL and FBR holdings, whereas 1H22 only includes SOL

Investments - Major Shareholder in WHSP (ASX:SOL) Brickworks is the largest shareholder in Australia's leading publicly listed investment house





Building Products Australia Overview of Market Activity and Key Exposure



1. Detached House and Multi-Residential Commencements. Non-Residential value of work done. Source: BIS Oxford Economics Dec 2022 forecast. Data shown for NSW also includes ACT, to align with Brickworks' sales regions.

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Building Products Australia 1H23 Result

Building Products Australia EBITDA was down by 6%

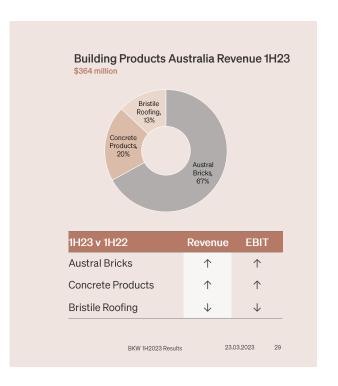
- · Sales resilient, despite the decline in commencements
- · Earnings and margin decrease primarily driven by a decline in Bristile Roofing and Austral Bricks WA
 - Most other businesses recorded improved earnings
- Additional -\$2 million EBIT impact (vs the prior period) following the launch of the Brickworks Manufacturing Trust

HALF ENDED JAN (\$M)	1H22	1H23	CHANGE
Revenue	328	364	11%
EBITDA	53	50	(6%)
EBIT	28	25	(9%)
EBITDA margin	16%	14%	(15%)

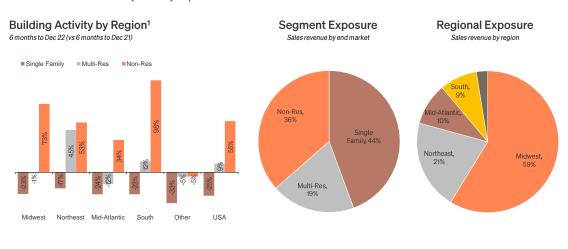
Business Unit Performance

- · Austral Bricks earnings and revenue increased
 - Uplift in NSW and VIC partially offset by SA and WA
 - Completion of new plant at Horsley Park in 2H23 (and Plant 3 to close)
 - Production reduced to one plant in WA
 - Advanced Cladding Systems launched
- · Concrete Products earnings and revenue increased
 - New Oakdale East masonry plant fully commissioned
 - Concrete sleeper sales growing strongly
 - Strong earnings momentum in Southern Cross Cement
- · Bristile Roofing earnings and revenue lower
 - Trade shortages impacting installation
 - Premium imported tile sales lower

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Building Products North America Overview of Market Activity and Key Exposure



 $1. \ \ \, \text{Single Family and Multi-Residential Commencements. Non-Residential value of work done. Source: Dodge \ Data \& \ Analytics$

Building Products North America – 1H23 Result¹

Building Products North America EBITDA increased, despite continued supply chain issues

- Strong revenue growth continues
 - Increased sales through retail network
 - Increased sales to the multi-residential segment
- · Margins continue to be impacted by supply chain issues
 - Labour constraints and staffing issues
 - Transportation costs
- · Higher proportion of sales into the lower margin residential segment

HALF ENDED JAN (AU \$M)	1H22 ²	1H23	CHANGE
Revenue (\$AU)	187	220	18%
EBITDA (\$AU)	12	14	16%
EBIT (\$AU)	1	1	-
BP EBITDA margin ³	6%	7%	5%

An average exchange rate of 1AUD=0.67 USD has been used to convert earnings in 1H23 (1AUD=0.73 USD in 1H22)
 1H22 earnings include a \$1 million contribution from property sales (nil contribution from property sales in 1H23)
 Property sales earnings removed to calculate Building Products EBITDA margin

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BP North America - Achievements

- · Plant rationalisation and upgrades, in line with strategy
 - Extensive upgrades to Adel and Sergeant Bluff
 - Handmades consolidated at Mid-Atlantic and Pittsburgh
- Retail store network unified under one brand "Brickworks
- Strategic entry into UK market via supply agreement executed with Brickability PLC
 - Attractive brick market, dependent on imports to meet domestic demand
 - Ten-year supply agreement includes a minimum purchase quantity of 10 million bricks per year



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Financials

Section 06

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Financials – 1H23 Overview

- Increase in Property, Investments and Building Products North America earnings partially offset by modest decline in Building Products Australia
- Borrowing costs significantly higher
- Underlying tax higher due primarily to the increase in Property earnings
- Significant items and discontinued operations decreased statutory NPAT by \$56 million

Total EBITDA	487	607	25%
Depreciation & amortisation	38	38	(3%
EBIT	450	569	26%
Borrowing costs	(9)	(23)	(159%
Underlying income tax	(111)	(136)	(23%
Underlying NPAT (from continuing operations)	331	410	24%
Significant items & discontinued items	245	(56)	NA
Statutory NPAT	575	354	(38%
items			(3

Financials - Significant items

- A non-cash impairment in relation to Austral Bricks Western Australia of \$32 million (post-tax)
- \$8 million plant relocation and commissioning
 - Oakdale East masonry plant
 - Horsley Park brick plant
- \$3 million restructuring and site closure costs, primarily relating to the Bellevue plant in Western Australia
- A \$2 million tax benefit arising from the carrying value of WHSP
- Significant items relating to Investments of -\$4 million
- · Other costs include acquisitions, legal and IT

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\$MILLION	GROSS	TAX	NET
Impairment of Austral Bricks WA	(46)	14	(32)
Plant relocation / commissioning	(12)	4	(8)
Restructuring / site closures	(4)	1	(3)
Income tax arising from the carrying value of WHSP	-	2	2
Significant items relating to Investments	(4)	-	(4)
Other costs	(3)	1	(2)
TOTAL	(70)	21	(48)
BKW 1H2023 R	esults	23.03.2023	3 35

Financials - Cash Flow Reconciliation

- · Decrease in operating cash flow
 - Increased working capital within Building Products
 - Plant commissioning expenses incurred
 - Higher interest costs
- Elevated capital expenditure of \$56 million for the period, primarily related to construction of the new brick plant in Sydney
 - Capital program now nearing completion
- Dividend payments of \$62 million

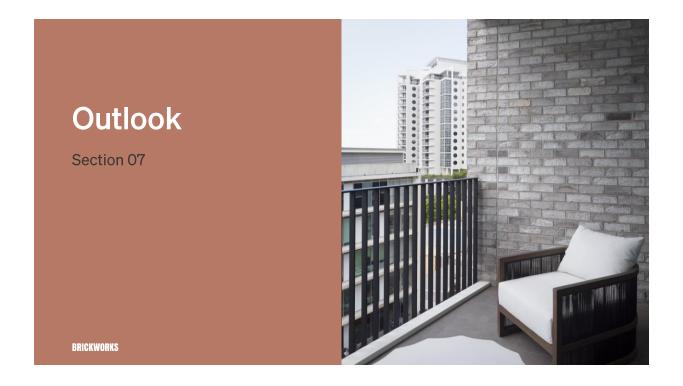
\$MILLION	1H22	1H23
Statutory net profit after tax	575	354
Depreciation, amortisation	38	38
Impairment of non-current assets and assets held for sale	1	51
Net gains on disposal of property, plant and equipment	(1)	(286)
Non-cash (gain)/loss on deemed disposal	(725)	1
Non cash revaluations within Property Trust	(344)	(167)
Share of loss/(profits) of associates not received as dividends	215	(42)
Changes in tax provisions	330	112
Inventory movements	(26)	(14)
Other items	(2)	(1)
Operating cash flow	63	46
Acquisitions (net of cash)	(64)	-
Capital expenditure	(43)	(56)
Dividends paid	(61)	(62)
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Financials - Key Indicators

- Total shareholder's equity increased by \$271 million during the half, or \$1.71 per share
 - Reflects strong statutory profit, offset by dividend payments
- Net debt increased by \$102 million to \$595 million
- Gearing increased to 17%
 - Higher net debt partially offset by increased asset base
- Significant headroom within existing banking covenants

1. Based on annualised underlying NPAT from continuous operations (1H23 NPAT x 2)

	FY22	1H23	CHANGE
NTA per share	\$18.34	\$19.79	8%
Shareholder's equity	\$3,260m	\$3,531m	8%
Shareholder's equity per share	\$21.48	\$23.19	8%
Return on shareholder's equity ¹	23%	23%	-
Operating cash flow (v 1H22)	\$63m	\$46m	(27%)
Net debt	\$493m	\$595m	(21%)
Gearing (net debt / equity)	15%	17%	(11%)
dealing (net debt / equity)			(34%)
			(34%
Interest cover	35x	23x	



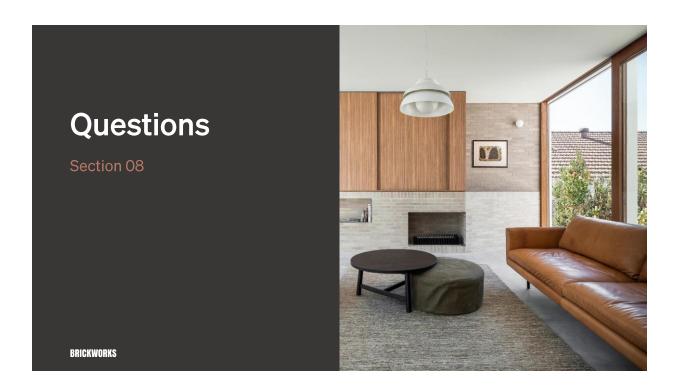
Outlook

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Group	 With a diversified portfolio of high-quality assets and low gearing, Brickworks is well placed to meet future challenges
Investments	History of long-term outperformance by WHSP expected to continue
Building Products	 Sales expected to remain resilient in 2H2023 due to existing pipeline of work A period of weaker demand is expected once the existing backlog of work is completed Likely to be more significant in Australia, where exposure to detached housing is greater Labour and trade availability issues are easing across most operations Prior period rationalisation activities and capital investments will improve production efficiency
Property	 Strong development pipeline within the Industrial JV Trust (Oakdale West and Oakdale East 2) Significant growth in net rental income is forecast from the Property Trusts over the coming years Exploring opportunities to better utilise selected sites within the BKW Manufacturing Trust Continuing to evaluate the development potential of additional sites such as Mid-Atlantic (Pennsylvania) and Craigieburn (Victoria)

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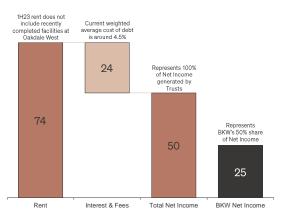




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Property – 1H23 Result
Property delivered record half year EBIT of \$453 million

Reconciliation of 1H23 Net Trust Income



HALF ENDED JAN (\$M)	1H22	1H23	CHANGE
Net trust income	17	25	47%
Revaluations	228	113	(50%)
Development profit	115	54	(53%)
Property Trust	360	192	(47%)
Land sales	0	263	NA
Admin and other	(2)	(2)	-
Total	358	453	26%

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Overview of Industrial JV Trust - Current Leased Assets

		Currently Leased					
Estate	Status	Asset Value (\$m)	Rent (\$m p.a.)	WALE (yrs)	Cap. Rate	GLA ¹ (000m ²)	
M7 Hub (NSW)	Fully developed	270	10	2.5	4.0%	64	
Interlink Park (NSW)	Fully developed	642	26	3.9	3.9%	192	
Oak. Central (NSW)	Fully developed	920	32	3.4	4.0%	245	
Oak. East Stage 1 (NSW)	Fully developed	176	6	9.9	3.8%	36	
Oak. South (NSW)	Fully developed	674	23	6.4	3.6%	177	
Rochedale (QLD)	Fully developed	382	16	9.5	4.1%	126	
Oak. West (NSW)	Partially developed	1,407	47	15.5	3.5%	235	
Industrial JV Trust		4,471	160	8.3	3.8%	1,078	
BKW Manufacturing Trust	Selected BKW operational sites	436	18	15.6	5.0%	NA	
Total		4,908	178	9.0	3.9%	NA	

1. Gross lettable area

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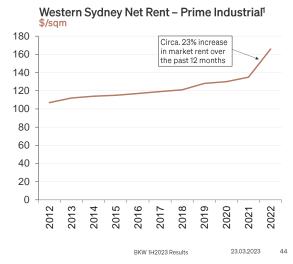
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Industrial JV Trust - Current Rent vs Market

Market rent for industrial property has increased significantly over the past 12 months

- The industrial property market along the Eastern seaboard has seen significant rental growth due to lack of supply and strong demand
- Market rent for prime industrial property in Western Sydney has increased by 23% over the past 12 months
- The average rent achieved within the Industrial JV Trust is now estimated to be around 20-25% below market rent (equivalent to \$35-40/m²)
 - Due to existing leases with fixed or CPI linked increases
- There is a significant opportunity to benefit from rental uplift upon lease renewals / market reviews





100%-Owned Operational and Surplus Land – Development Sites

Brickworks retains 100% ownership of several development sites

332 hectares surplus to operational requirements, south of the Wollert factory site Subject to approxis, mixed use industrial and / or residential development may be possible over the medium term

Craigieburn Site, VIC



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Investments - Major Shareholder in FBR

Brickworks is also the largest shareholder in FBR Limited

Investment in FBR Limited (ASX: FBR)

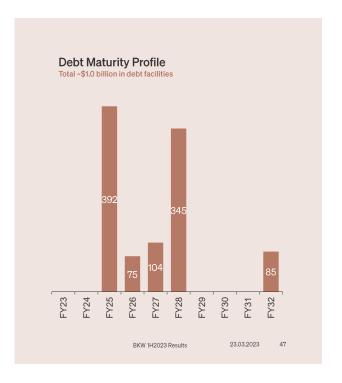
- Brickworks has made a strategic investment in FBR (ASX: FBR), increasing its holding to 19.1%1
- FBR is an ASX listed, Perth-based robotics company and creator of Hadrian X, the world's first fully automated end to end robotic bricklayer
- · Brickworks has maintained a long-term interest in FBR, since its original seed investment in 2006
- BKW sees a strong market opportunity for FBR's technology and will benefit from successful commercialisation
 - Addresses skills shortage / labour issues
 - Increases speed of bricklaying process
 - Increases demand for bricks (i.e. promotes double brick housing)

1. Following the end of the period, FBR Limited completed a share placement, diluting Brickworks shareholding to approximately 18%



Debt Maturity and Metrics

- · Circa \$1 billion in debt facilities committed
 - Syndicated multi-currency facility ~\$741 million
 - Bilateral cash advance facility \$75 million
 - Institutional term loan facility \$185 million
- · Next maturity in FY25
- Net debt of \$595 million¹ at 31 Jan 2023:
 - Total drawn debt \$658 million
 - Offset by cash of \$63 million
- Significant headroom within existing covenants:
 - Gearing 13.5%¹ (vs covenant <40%)
 - Interest cover 13.2x1 (vs covenant of >3.5x2)
 - Leverage ratio 1.5x¹ (vs covenant of <3.5x²)
- Gearing, interest cover and leverage ratio outlined here are based on the Group's banking covenant calculation (and differ from standard calculations used for these metrics, as quoted elsewhere in this report)
 Covenant only applies if gearing > 22.5%





Disclaimer

The Board has authorised the release of this announcement to the market

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