

Full Year 2023 Results

29 February 2024

Think beyond. Shape the future.

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- Financial review
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Performance update



Robust results despite difficult markets

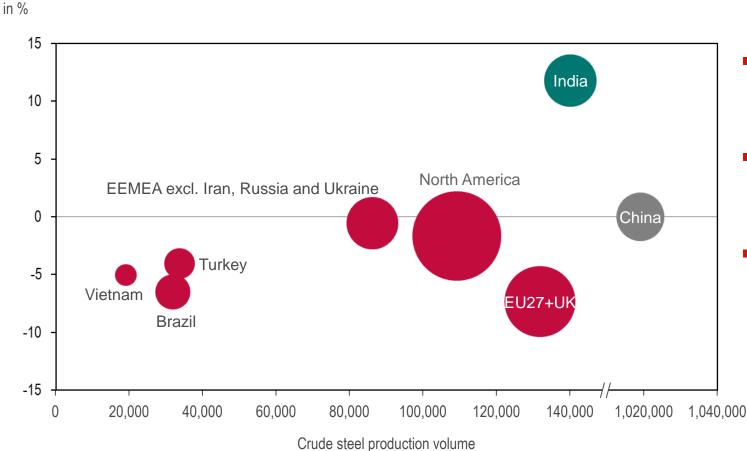
Revenue Trading prof		Return on sales	Free Cash-Flow
£1929.8m	£200.4m	10.4%	£128.2m
(3.1%) Underlying change	(6.7%) Underlying change	(40bps) Underlying change	+4.1% vs. 2022
(5.7%) Reported change	(11.8%) Reported change	(70bps) Reported change	
Headline EPS	Net debt	/ EBITDA	Cash conversion ratio
46.7p	0	0.9x	
(17.3%) reported	Dec 2	022: 0.9x	2022: 82%
(11.9%) underlying			
	Proposed full year dividend	l of 23.0p, +3.4% versus 2022	
Net debt / EBITDA ratios are post IFRS-16.	Proposed full year dividend	l of 23.0p, +3.4% versus 2022	
		5	,



Strong operational performance and robust delivery in 2023 despite difficult market

- Solid pricing strategy in all Business Units
- Market share gains in Flow Control and Foundry
- Productive R&D process and new products pipeline
 - 21 new product launches in 2023
 - New Product sales increased to 17.6% (2022: 16.4%)
- Cost saving programme targeting £30m recurring cash cost savings by 2026 on track
- Strategic expansion programme in Asia and in Flow Control fully on track
- Best ever safety performance and strong progress in our sustainability journey
- Strong balance sheet and cash flow enables improved returns to shareholders: share buy-back and increased dividend

2023 steel production lower than 2022 in all major regions except India



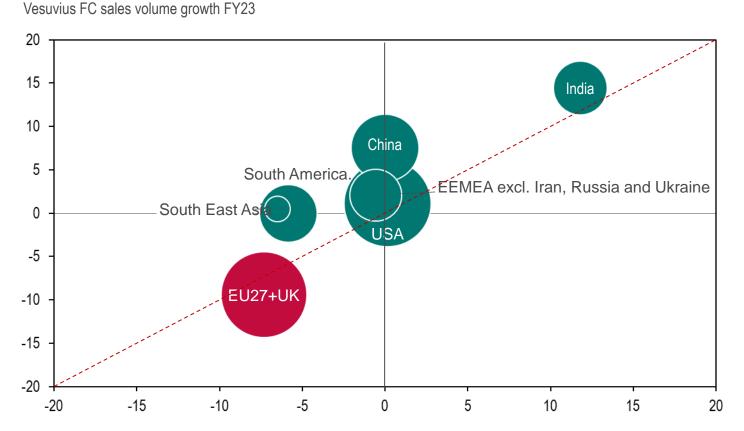
- Renewed weakness of steel markets in H2, in particular in Europe
- India remains very dynamic with growth accelerating
- Positive medium-term, outlook for steel markets outside China with over 200mt growth expected in the next 10 years

Size of bubble proportional to current yearly revenue of Vesuvius' Steel Division (FC + AR)



Crude steel production growth

Flow Control volume growth outperformed the market in most major regions



Crude steel production growth FY23

Size of bubble proportionate to the sales of FC division Dotted line denotes where flow control volume growth equals market growth Source WSA for steel production volumes; Company analysis for Vesuvius volumes

Steel division: strong performance in Flow Control

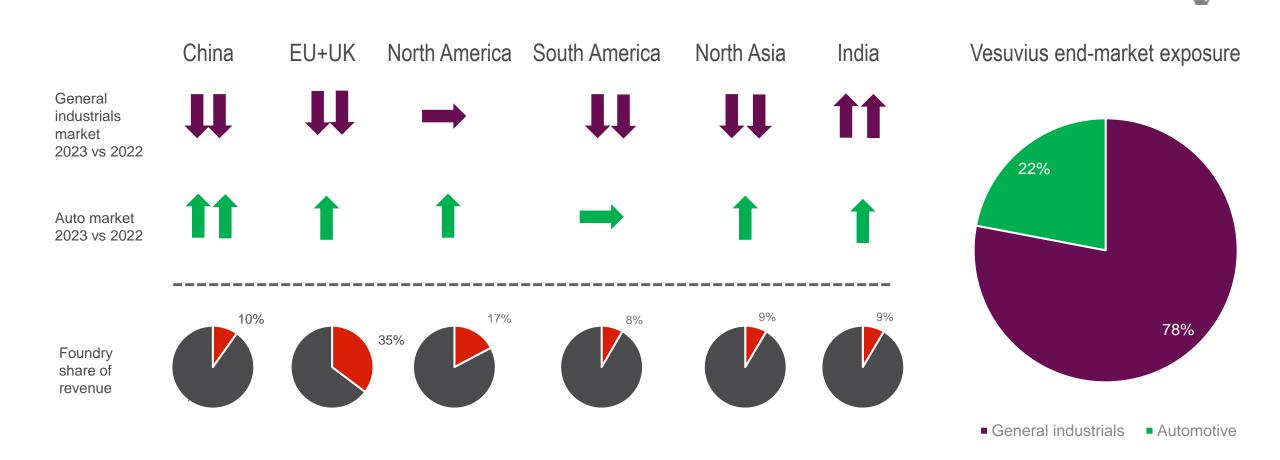
- Revenue growth (underlying) in Flow Control despite the difficult market conditions
 - good pricing performance
 - market share gains in most markets
- Good performance of Sensors and Probes
- Significant revenue decline in Advanced Refractories
 - market weakness
 - prioritised pricing over volume leading to market share losses in EMEA and Americas
 - market share gains in Asia
- Overall trading profit decrease limited by positive pricing which partially compensated volume reduction

Steel Division (£m)	2023	2022	Change (%)	Underlying change (%)
Flow Control	793.0	810.9	(2.2%)	0.6%
Advanced Refractories	567.9	645.3	(12.0%)	(9.4%)
Sensors and Probes	39.1	40.2	(2.8%)	(0.6%)
Total Revenue	1,400.0	1,496.4	(6.4%)	(3.7%)
Total Trading Profit	147.6	172.7	(14.6%)	(9.6%)
Total Return on Sales	10.5%	11.5%	(100bps)	(70bps)

Underlying = on a constant currency basis



Foundry markets: short-term weakness in general industrials markets outweighed improvement in automotive





Foundry Division: progression slowed down by short-term market weakness in H2

- Good H1 and a difficult H2
 - Significant market weakness in the northern part of EMEA (Germany), South America and China
 - Negative impact on sales volumes of castings inventory destocking
 - Partially offset by market share gains, positive pricing, modest growth in North America and strong growth in India
- Increase in return-on-sales for the third consecutive year
- Positive progression expected to continue in 2024 will accelerate further when end markets fully recover

Foundry	2023	2022	Change (%)	Underlying change (%)
Revenue	529.8	551.0	(3.8%)	(1.5%)
Trading Profit	52.8	54.5	(3.1%)	2.5%
Return on Sales	10.0%	9.9%	+10bps	+40bps

Underlying = on a constant currency basis





Pricing and market share gains supported by 21 new products launched in 2023 - more to come in 2024 and beyond

Flow control



New isostatic liner for high-purity steel

- Higher erosion resistance and durability
- Improves final steel quality by minimising reactivity with steel and inclusions

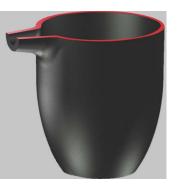
Advanced Refractories



New Supermatrix bricks for greater stability and performance

- Enhanced resistance to corrosion, oxidation and erosion
- Longer life for greater efficiency

Foundry



Duratek Supermelt crucible: longer life crucibles for aluminium

- Longer life and reduced down-time
- Improved efficiency and reliability
- Improved melting process consistency
 leading to higher quality end-product



Increased penetration of our innovative and customised robotics solutions

- Following North Asia, South America and China, we are now converting customers in India and North America to our unique robotic technology for continuous casting
 - First installation of robot on continuous caster in India
 - Several new projects in North America
- Benefits to the customer:
 - Safety: removes workers from one of the most dangerous area in the steel plant
 - Improves process reliability and efficiency
 - Increases prime steel grade yield and overall steel quality
- Potential for extended revenue stream from consumable refractories



Example: Vesuvius tundish tube-change robot







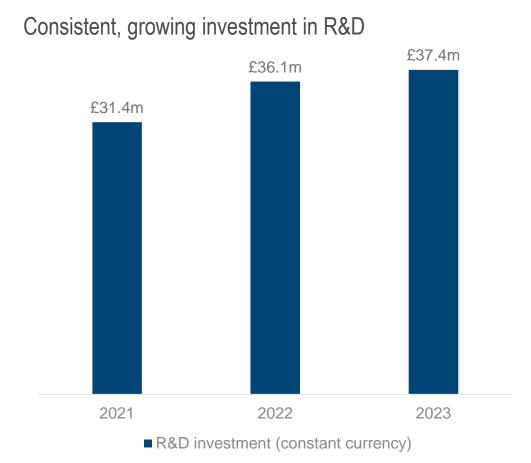




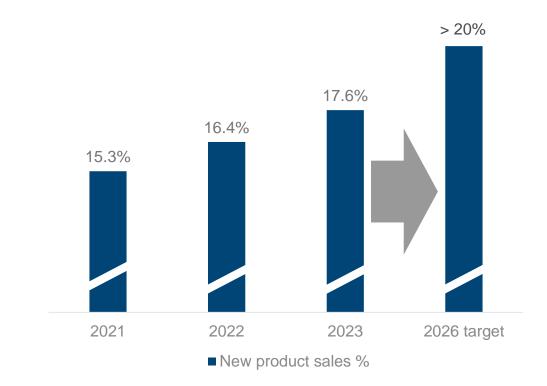




Continuous improvement in R&D spend and efficiency to support pricing performance and market share gains



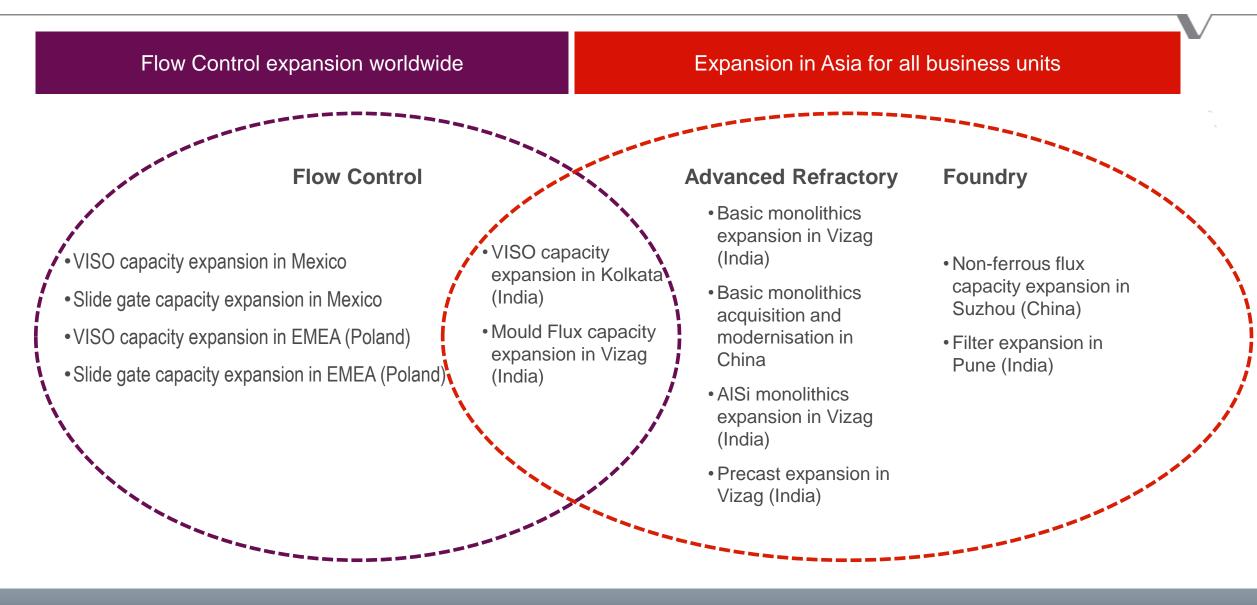
Steadily growing new product sales^(*) %



(*) New product sales defined as products launched in the past 5 years

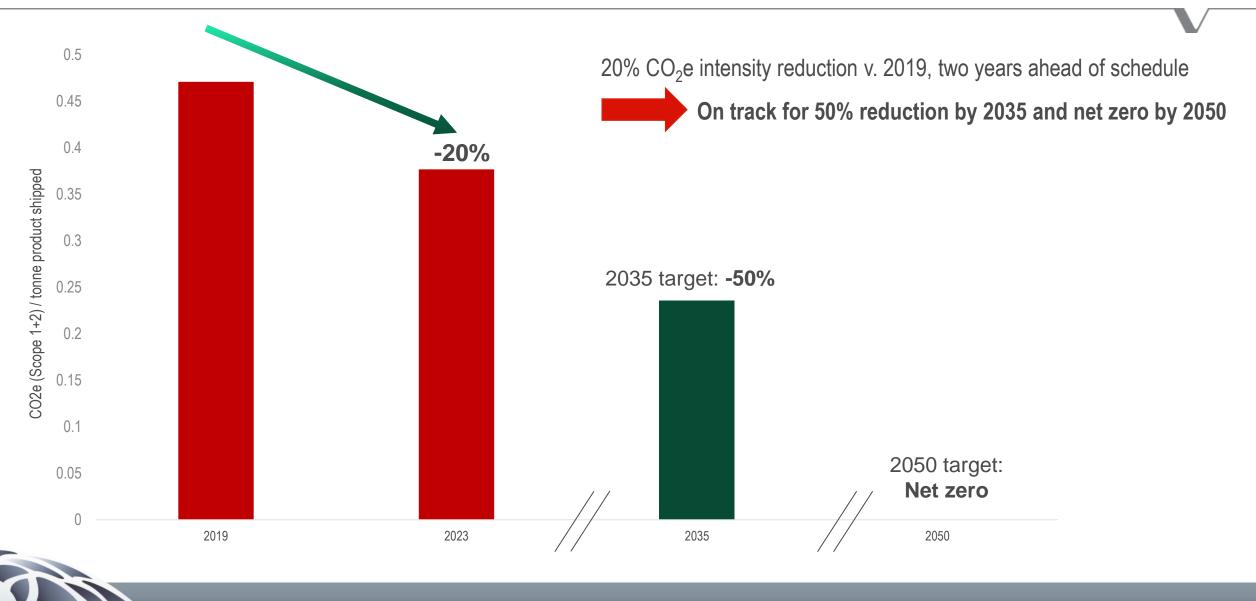
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Strategic growth capex on track to expand capacity in Flow Control and in Asia



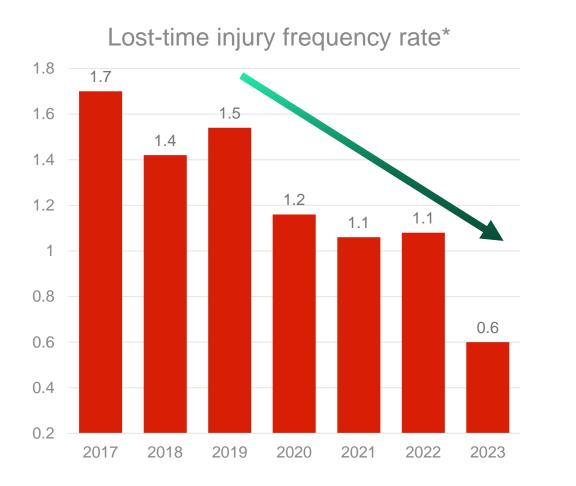
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Continuous progress in our sustainability agenda



VESUVIUS PLC

Best-ever safety performance in 2023



*Number injuries resulting in lost time, per million hours worked

- Strong and continuous progress in safety culture
- Systematic approach to risk identification
- Vesuvius now becoming a benchmark and support for many steel and foundry customers worldwide

Our ultimate objective remains to become a zero-accident company

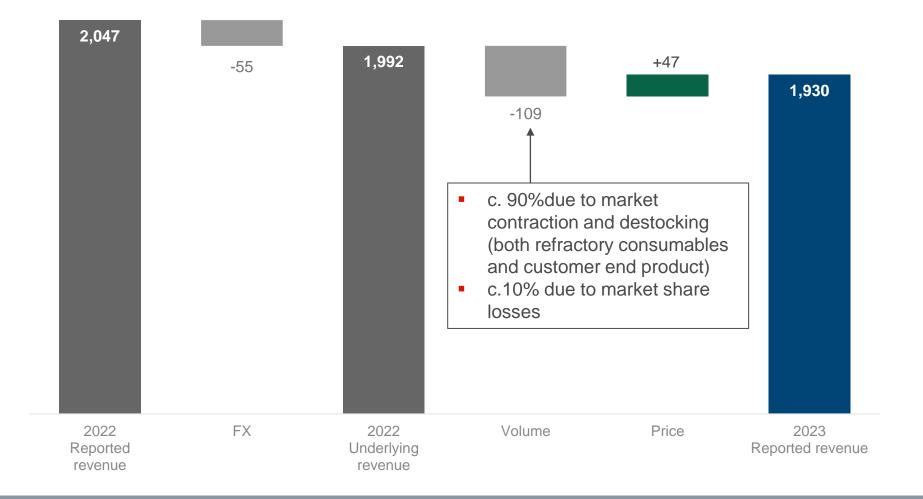


Financial Review



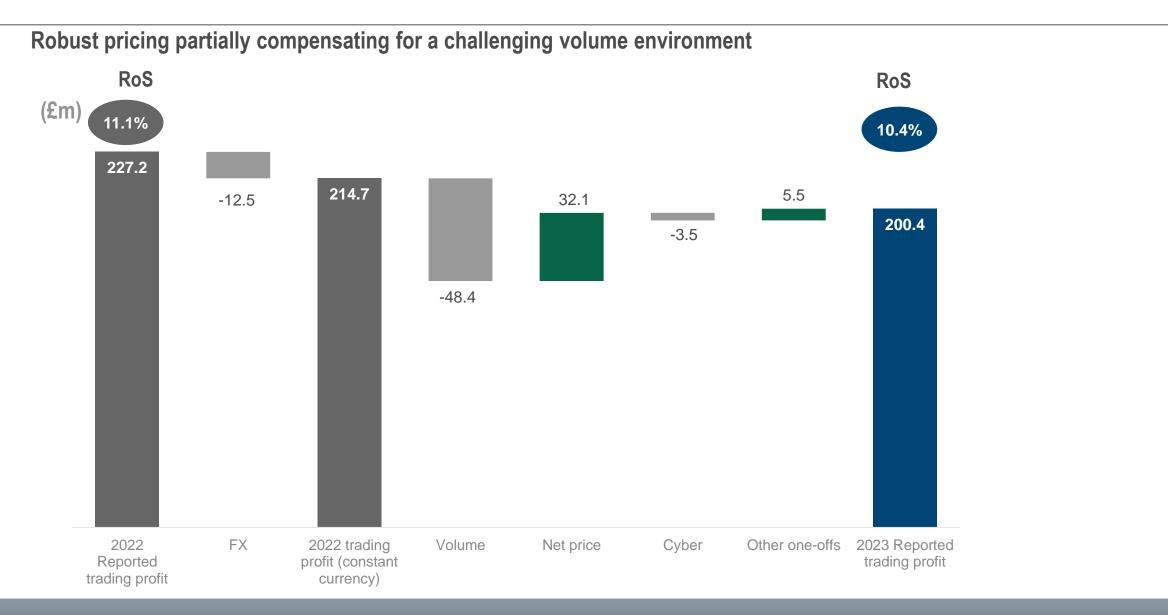
Revenue -3% (underlying) reflecting good pricing performance in difficult market conditions

Group revenues bridge (£m)





Resilient trading profit





Income statement

	2023	2022	Change (%)	
(£m unless indicated)	Actual	Actual	As reported	Underlying ¹
Revenue	1929.8	2047.4	-5.7%	-3.1%
Trading Profit	200.4	227.2	-11.8%	-6.7%
Return on Sales (ROS %)	10.4%	11.1%	-70 bps	-40 bps
Post tax Share of JV Results	0.9	1.2		
Net Finance Costs	-11.6	-11.4		
Headline Profit Before Tax	189.7	217.0	-12.6%	
Effective Tax Rate ²	27.5%	26.5%	_	
Headline Tax	-51.9	-57.2	_	
Non-Controlling Interest	-12.1	-7.4		
Headline Earnings attributable to the parent	125.7	152.4	-17.5%	
Headline EPS (pence)	46.7	56.5	-17.3%	-11.9%
Dividend per share	23.0	22.25	+3.4%	-

Notes: 1. Underlying basis is at constant currency and excludes separately reported items and the impact of acquisitions and disposals.

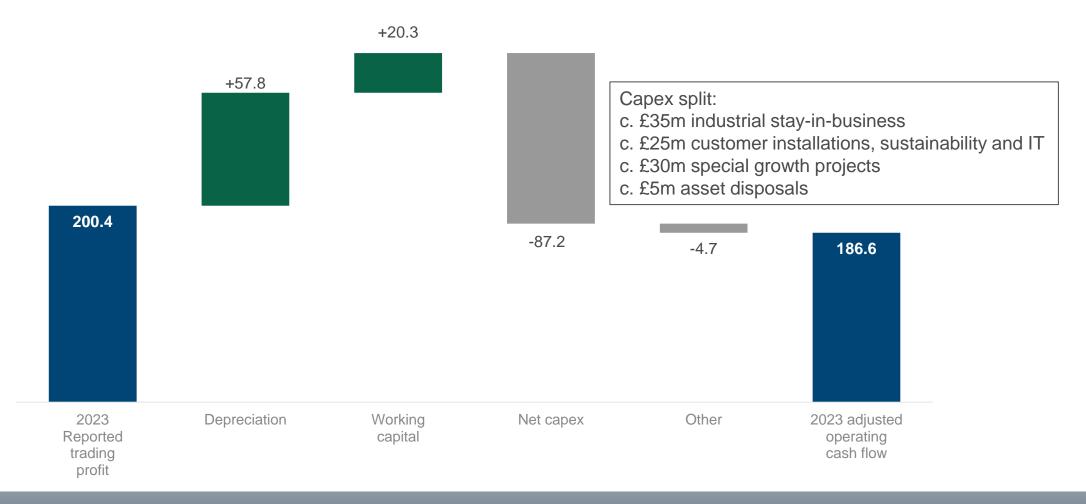
2. Income tax associated with headline performance, divided by the headline profit before tax and before the Group's share of post-tax profit of joint ventures.

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Excellent cash conversion

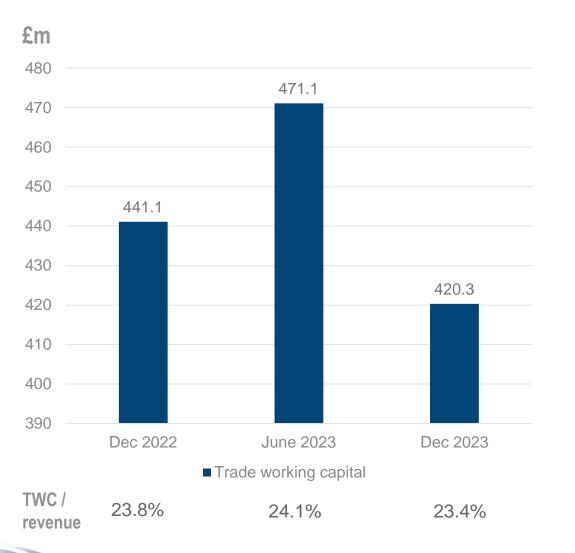


Cash conversion 93% despite significant investment in growth capex





Working capital improving in all categories, particularly in H2

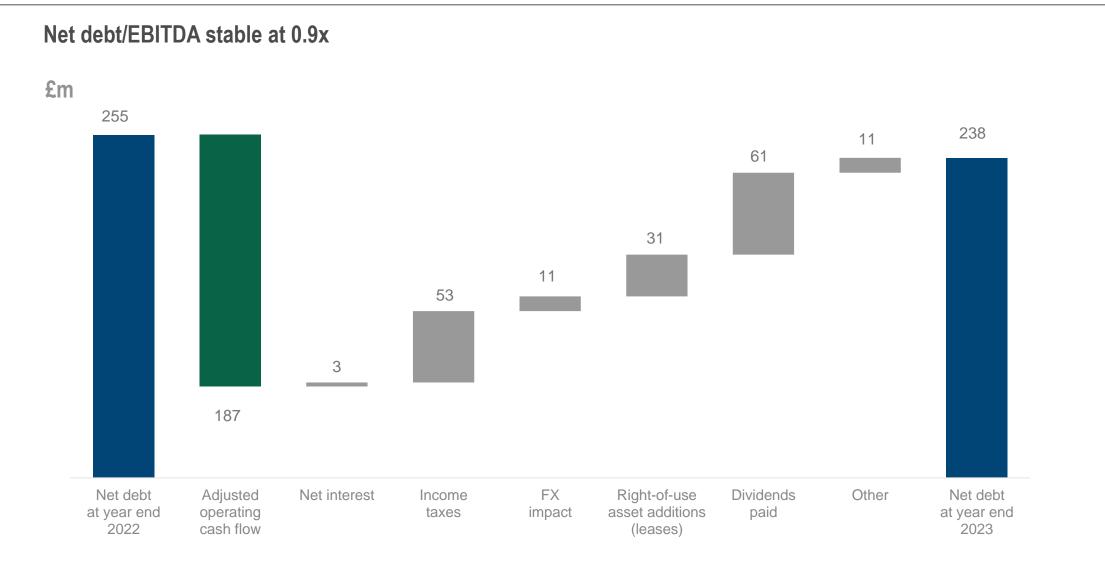




Note: all figures at a constant currency basis

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Strong balance sheet – supporting both growth and capital returns





As announced at our Capital Markets Event in November 2023:

- We are putting in place a programme targeting at least £30m recurring cash savings by 2026
- Source of savings
 - Lean / continuous improvement programmes
 - Further optimisation of manufacturing footprint
 - Automation and digitisation of manufacturing and admin processes
- Cash costs to achieve of c. £40m (including both capex and one-off restructuring, with the majority capex)

2024:

- £3m savings expected to be delivered in-year, run-rate of £10m to £15m expected by year-end
- One-off cash restructuring costs of c. £6m will be accounted for separately





Outlook



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2024 outlook

Current trading and outlook for 2024

"In line with the end of 2023, the activity level of both our Steel and Foundry markets remained subdued at the beginning of the year. However, we expect some improvement in market activity as the year progresses, consistent with external forecasts.

We expect to continue to outperform our markets in both Flow Control and Foundry and we are progressing the implementation of our £30m cost savings programme, of which we expect to deliver around £3m of in-year savings in 2024 and a run-rate of £10m - £15m by the end of the year.

Overall, on an underlying, constant currency basis (excluding one-off restructuring costs estimated at £6m), we expect to make moderate progress in 2024. Beyond 2024 we anticipate delivering stronger progress supported by the benefits of the cost savings programme together with innovation and significant capacity investments in growing markets."





Our mid-term ambition level remains unchanged



Positive growth trends in the steel and foundry markets



Vesuvius to outperform the underlying markets thanks to its technology-based strategy

Profitability (RoS) targeted to exceed 12.5% in 2026

Strong and recurring free cash flow generation of £400m (2024 to 2026) due to asset light business model, delivering enhanced return to shareholders





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Appendix 1 technical and additional information

Think beyond. Shape the future.

Technical notes and guidance for 2024

- Based on FX rates as at 28 February 2024, FY23 revenue of £1929.8m and trading profit of £200.4m would translate to c. £1,875m and c. £191m respectively, a headwind of c. £55m to revenue and £9m to trading profit
 - see table overleaf, showing impact of a movement in currency against sterling
- Depreciation c. £65m £70m
- Interest cost c. £9 11m (income statement) and c. £7 8m cash cost
- Tax P&L effective rate c. 27.5% (dependent on profit mix); cash tax broadly similar to P&L charge
- Cash capex c. £100m of which c. £30 35m is growth capex
- Non-controlling interest principally comprises the India business of the Steel division. NCI 2023: £12.1m
- Share buy-back: of the £50m programme, £3m executed in 2023 and £47m in 2024, ending in December 2024. At current prices, approx. 10m shares to be bought in 2024
 Share buy-back ready-reackeper

Share buy-back ready-reackoner	
SBB	£50.0m
executed in 2023	£3.1m
To be executed in 2024	£46.9m
average price of shares bought back to date	£4.74
no. shares to be bought in FY24 if at same price	9.9m
Share count @ 31/12/23	270.6m
Estimated share count @ 31/12/24	260.7m
Estimated average shares in issue in FY24	265.6m

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FX impact on trading profit by currency unit and by % change

Currency	Unit	Change in trading profit (£m) (approx.)	% change	Change in trading profit (£m) (approx.)	Average rate FY22	Average rate FY23	YE rate 31 Dec 2023	Current Spot (28 Feb 2024)
USD	1 Cent	0.77	1.0%	0.95	1.24	1.24	1.27	1.27
EUR	1 Cent	0.13	1.0%	0.15	1.17	1.15	1.15	1.17
INR	1 Rupee	0.38	10.0%	3.91	96.99	102.68	105.89	105.11
RMB	0.1 RMB	0.30	1.0%	0.26	8.31	8.82	9.07	9.15
JPY	1 Yen	0.05	10.0%	0.80	161.86	174.87	179.56	190.88
BRL	0.1 Real	0.42	1.0%	0.26	6.38	6.21	6.18	6.26
ZAR	1 Rand	0.001	1.0%	0.03	20.16	22.95	23.27	24.22
EGP	1 piastres	0.001	1.0%	0.02	23.62	38.12	39.33	39.13
ARP	1 pesos	0.002	10.0%	0.06	160.51	368.77	1029.08	1066.77
TRL	1 lira	0.16	10.0%	0.47	20.36	29.62	37.52	39.41
PLN	1 groszy	0.03	1.0%	0.17	5.49	5.22	5.01	5.03



Financial summary (reported)

	2023 (£m)	2022 (£m)	Year-on-year change	Underlying change ⁽¹⁾
Revenue	1,929.8	2,047.4	-5.7%	-3.1%
Trading Profit ⁽²⁾ (EBITA)	200.4	227.2	-11.8%	-6.7%
Return on Sales (2)	10.4%	11.1%	-70bps	-40bps
Operating Profit	190.1	216.8	-12.3%	
Headline Profit Before Tax (2)	189.7	217.0	-12.6%	
Profit Before Tax	179.4	206.6	-13.2%	
Profit	130.6	188.5	-30.7%	
Headline Earnings (2)	125.7	152.4	-17.5%	
Headline EPS ⁽²⁾ (pence)	46.7	56.5	-17.3%	
Statutory EPS (pence)	44.0	67.2	-34.5%	
Adjusted operating cash flow (2)	186.6	185.5	0.6%	
Cash generated from operations	272.0	268.3	1.4%	
Net Debt ⁽²⁾	237.5	255.0	-6.9%	
Dividend (pence per share)	23.0p	22.25p	3.4%	

⁽¹⁾ Underlying basis is at constant currency and excludes separately reported items and the impact of acquisitions and disposals.

⁽²⁾ For definitions of non-GAAP measures, refer to Note 16 in the Condensed Group Financial Statements within the full year results RNS.

5 year history at constant currency

	2019	2020	2021	2022	2023
Revenue (£m)	1,630.1	1,417.3	1,671.2	1,992.1	1,929.8
Steel	1,147.8	1,022.9	1,199.2	1,454.5	1,400.0
Foundry	482.3	394.4	472.0	537.7	529.8
Trading Profit (£m)	166.1	93.2	139.0	214.7	200.4
Steel	112.5	72.0	101.1	163.2	147.6
Foundry	53.6	21.2	37.9	51.5	52.8
Return on Sales (%)	10.2%	6.6%	8.3%	10.8%	10.4%
Steel	9.8%	7.0%	8.4%	11.2%	10.5%
Foundry	11.1%	5.4%	8.0%	9.6%	10.0%



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Appendix 2 Capital Markets Event extracts

Think beyond. Shape the future.

Vesuvius: A profitable organic growth strategy



Positive growth trends in the steel and foundry markets

- Inflection to positive growth in steel markets outside China
- Continued growth in foundry markets

Vesuvius outperforms the underlying markets thanks to its technologybased strategy **Profitability** (RoS) target to exceed 12.5% in 2026 as a result of:

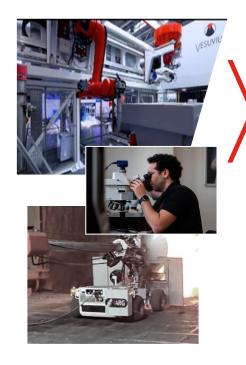
- Market share gains and net pricing performance due to product differentiation
- Further cost
 improvement target
 of £30m (c. 150bps)

Strong and recurring free cash flow generation due to asset light business model (no mining integration), delivering enhanced return to shareholders

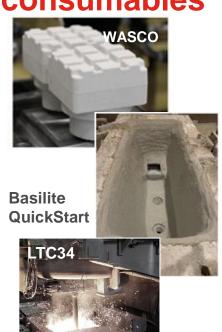
- At least **£400m free** cash flow (2024 - 2026)

Vesuvius provides technologically differentiated solutions to our steel and foundry customers

World Leading R&D



>95% sales from hightechnology consumables



Value creation for steel and foundry customers



Safety Improvements in customer plants



Quality Better steel, better castings



Efficiency

Cheaper steel, cheaper castings



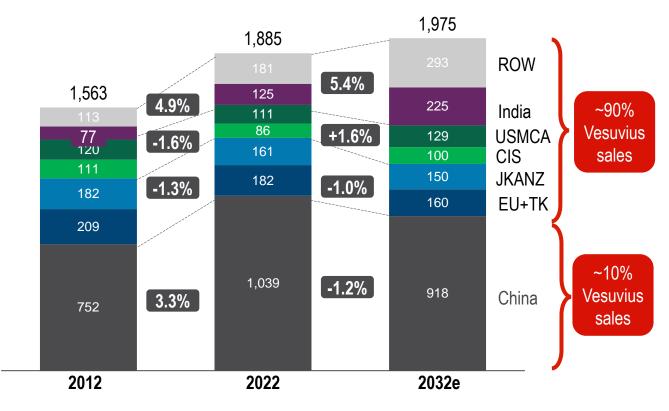
Sustainability

Less energy usage and CO₂ emissions in steel & foundry process



Positive inflection point in steel production outside of China

More than 200m tonnes of steel production growth outside of China in the next 10 years



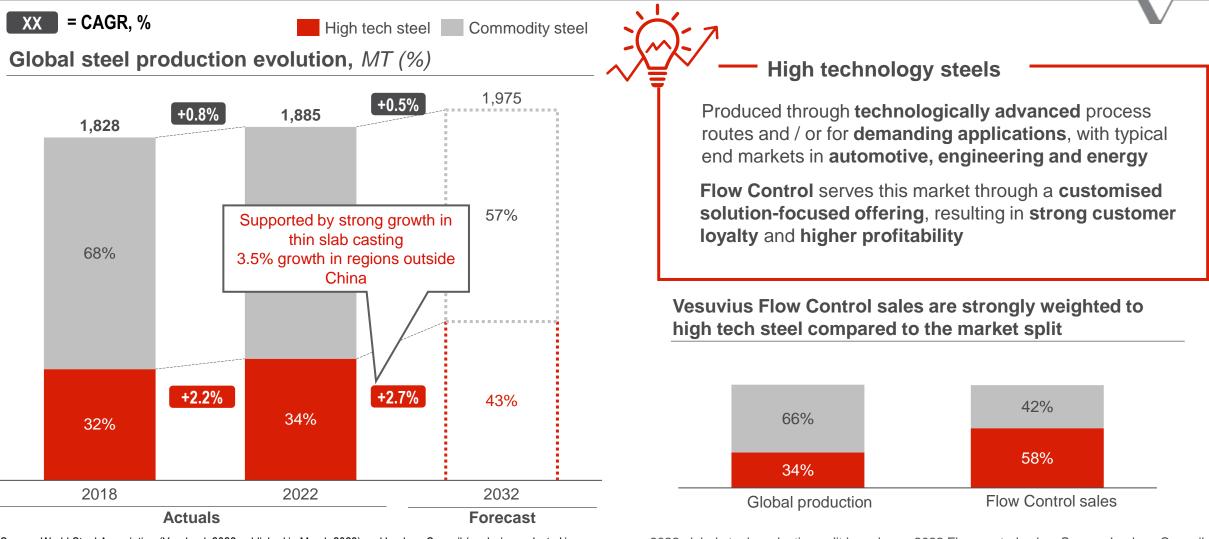
Evolution of steel production (2012-2032e), MT

- Strong growth of steel production and consumption in India and RoW
- Moderate growth of steel production and consumption in US, Mexico and Canada, and CIS
- Moderate growth of steel consumption, but decline of production in the EU plus Turkey and in Japan, South Korea, Australia and New Zealand
- Decline of production and consumption in China, mostly in long steel products for construction
- High tech steel will continue to grow in China

XX = CAGR, %

Source: World Steel Association (Yearbook 2022 published in March 2023) and Laplace Conseil (analysis conducted in October 2023, including inputs from World Bank, IMF, IEA, OECD & other international associations, company data and

Faster growth of high-tech steel, in particular thin slab casting, supporting Flow Control outperformance

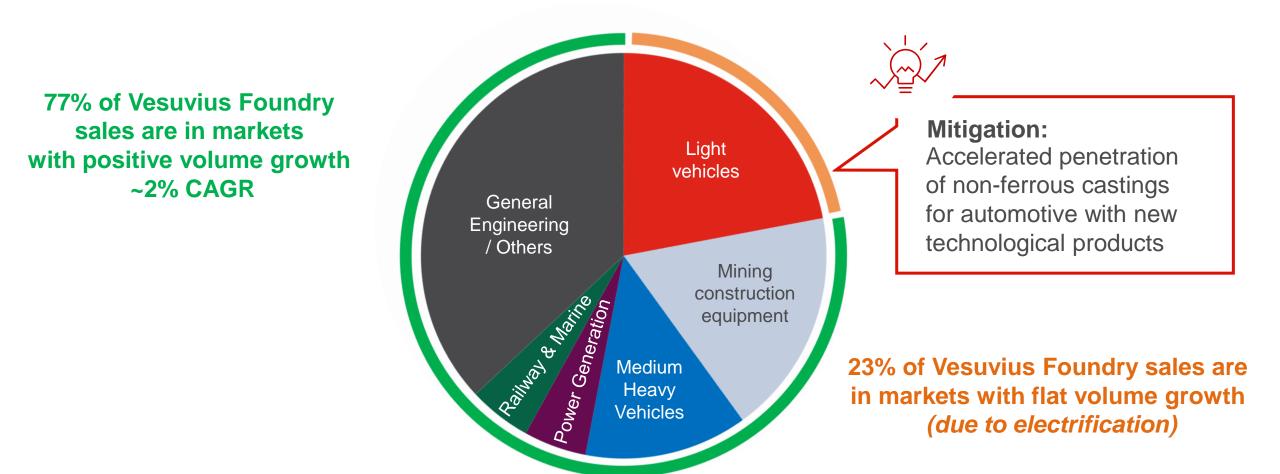


Source: World Steel Association (Yearbook 2022 published in March 2023) and Laplace Conseil (analysis conducted in October 2023, including inputs from World Bank, IMF, IEA, OECD Global Energy Monitor (Steel plant tracker March 2023) & other international associations, company data and announcements)

2022 global steel production split by volume, 2022 Flow control sales, Source: Laplace Conseil and Company analysis

Most foundry end-markets are growing in volume at around 2% per annum

Vesuvius foundry end-market sales, % 2022 sales & %CAGR^(*)



(*) CAGR (2022-2030), Source: IHS, Oxford Economics (October 2023), Bain (November 2023), except light Vehicles (CAGR 2019-2030), source McKinsey; Company analysis

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Leading R&D strategy

Differentiated products and solutions



Superior pricing & Market share gains

profitability target: >12.5% RoS in 2026

Efficiency

Focus on cost competitiveness



Continuous improvement of manufacturing cost base

 Decentralised, entrepreneurial, non-matrix organisation

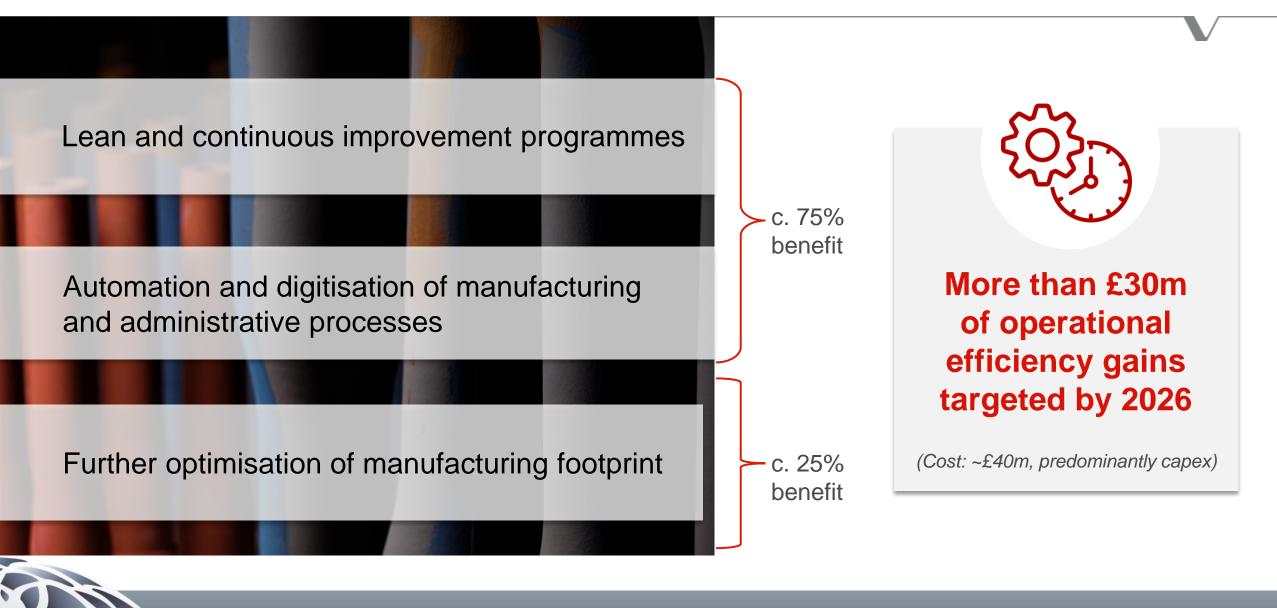
 CORE

 VALUES:

 Decentralised, entrepreneurial, non-matrix organisation

 Decentralised, entrepreneurial, non-matrix o

Relentless focus on cost optimisation



Targeting higher profitability and cashflow generation



Market share gains drive revenue growth

~2% per annum outperformance of underlying markets in Flow Control and Foundry

Optimised **pricing performance**

Cost base optimisation



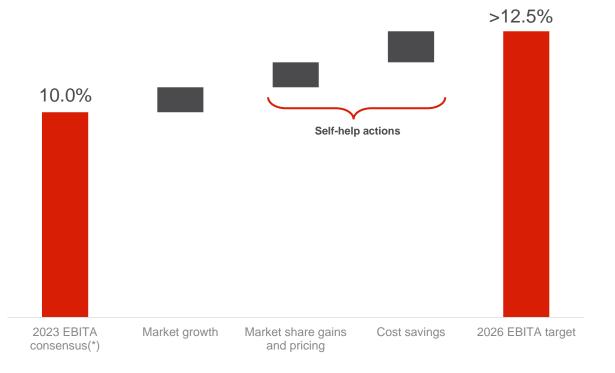
(*) Company compiled consensus

(**) Free cash flow: net cashflow from operating activities, after capex, dividends received from JVs and dividends paid to non-controlled entities

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We have a target to achieve a return on sales margin of at least 12.5% in 2026

- We are targeting medium-term average revenue growth of at least c.4%, based on
 - Assumed market growth of c. 2% p.a.
 - Outperformance of c. 2% pa. through market share gains in Flow Control and Foundry
 - · Supported by our capacity investments
 - NB. excludes raw material movements which we pass on
- Target to achieve >12.5% return on sales in 2026 supported by
 - Underpinned by recent capacity investments enabling £30m EBITA (£40m EBITDA)
 - Operational efficiency savings of c. £30m
 - Continued focus on "total-value" pricing

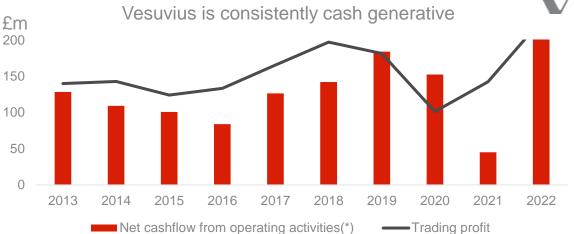


Our path to reach our target of 12.5% in 2026

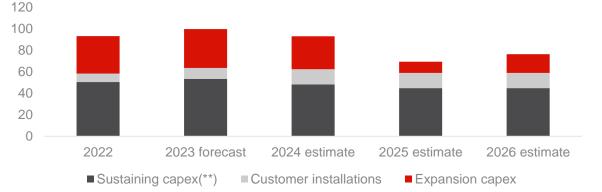
Source: Laplace Conseil (analysis conducted in October 2023, including inputs from World Bank, IMF, IEA, OECD & other international associations, company data and announcements)

Our business model delivers consistently growing cashflows

- Our business model generates highly resilient positive ^{£m}/₂₀₀
 cash flows:
 - Low capex intensity / asset light (no mining integration)
 - High level of recurring revenue created from a consumable model
 - Underpinned by working capital discipline
- We are targeting a reduction in working capital intensity from 24% to 21% by 2026
 - Continued management focus
 - Investment in new digital planning tools
 - Improved commercial terms
- Maintenance capex of c. 2% revenue
- Capacity enhancing capex investments with attractive rates of return
 - For organic investment, targeting ROIC^(***) (ex-goodwill) of greater than 20%
- (***) Return on Invested Capital (ROIC) as defined in the 2022 Annual Report, adjusted for goodwill



Capex is expected to fall in 2025 as the current phase of capacity investments are concluded

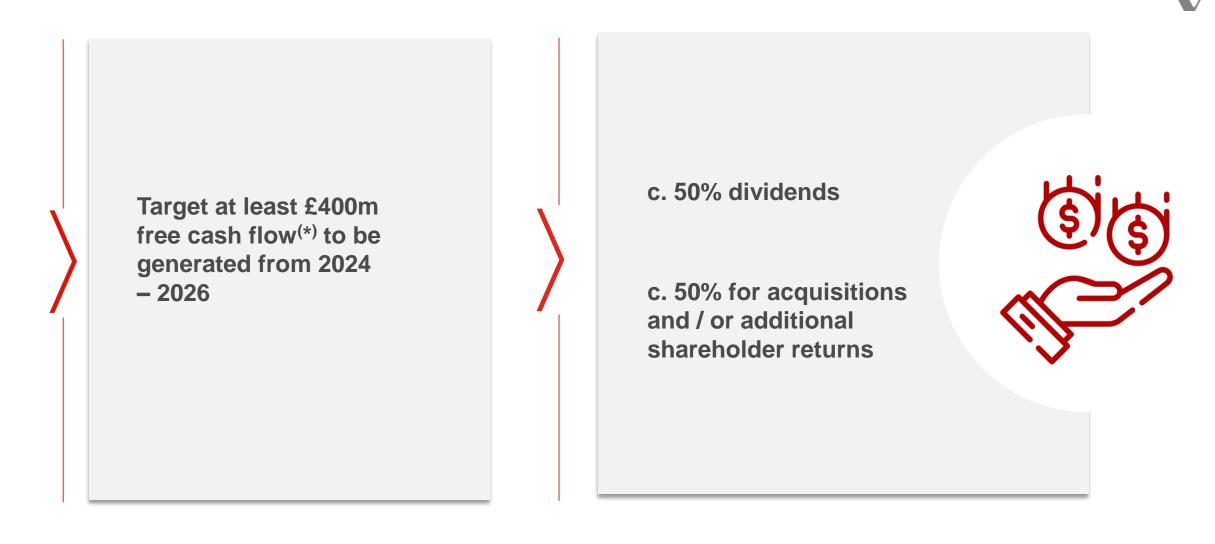


(*) Cashflow from operations after working capital movements, interest and tax, before capex (**) Sustaining capex includes maintenance, sustainability and IT capex

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£m

Cash will then be available for further investment or returns to shareholders



(*) Free cash flow: Cashflow from operations after working capital movements, interest, tax, capex, dividends received from JVs and dividends paid to non-controlled entities

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Capital allocation priorities

Organic investment	Consistent and targeted R&D expenditure of c. 2% of revenue per annum
	 Capex expected to return to sustaining levels in 2025 Sustaining capex of c. £65m per annum based on c. £40m maintenance plus £30m for IT, automation,
Inorganic investment	 sustainability and customer installations Highly selective acquisition filter
	Strategic factors:
	Geographic complementarity
	 Technology complementarity Very stringent financial hurdles for investment
Shareholder returns	Long-term dividend growth via a progressive dividend

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- Long-term dividend growth via a progressive dividend
- Maintain a prudent balance sheet (c. 1.0 2.0x net debt / EBITDA) •
- Surplus capital available for additional shareholder returns ٠

Conclusion









Topline growth medium term c. 2% market growth and c. 2% outperformance Margin target of 12.5% achieved in 2026

Strong cash generation delivering at least £400m between 2024 and 2026 Capital allocation focused on value creation and shareholder returns





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Think beyond. Shape the future.