



Johnson Matthey
Inspiring science, enhancing life

Presentation of results for the year ended 31st March 2024

23rd May 2024



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Agenda

01 Introduction

02 Financial results

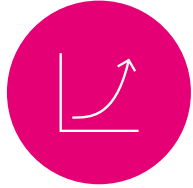
03 Strategic progress

04 Q&A

JM



Good progress in a challenging PGM price environment



Good underlying performance

(operating profit +11%¹)













Strong progress on executing our strategy



New strategic milestones to 2025/26

Catalysing the net zero transition to drive value creation

Executing on our strategic milestones

		Status
Customers	Win at least two large scale strategic partnerships in Hydrogen Technologies	
	Win targeted Euro 7 business and deliver £4bn+ cash trajectory from Clean Air	
	Win >10 additional large scale projects in Catalyst Technologies and Hydrogen Technologies	
Investments	Expand PGM Services refining capability in China	
	Complete construction of Hydrogen Technologies CCM plant in UK ¹	
	Targeted capacity expansion (fuel cells catalyst, formaldehyde catalyst)	
	Complete divestment of Value Businesses ²	
People	Increase employee engagement score from 6.9 in 2022/23 to 7.2 in 2024/25	
Sustainability	Achieve c.10% reduction in Scope 1+2 CO ₂ e emissions	
	Help customers reduce CO ₂ e emissions by >1mt p.a. through use of our products	

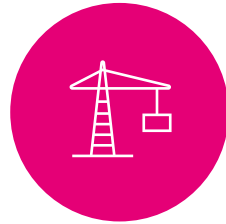
 Achieved  On track  In progress

Well positioned for a rapidly changing environment



Slowdown in global
BEV penetration rate

Clean Air:
stronger for longer



Slower development of
hydrogen value chain

Hydrogen Technologies:
pacing our investment



Increasing commercialisation of
new sustainable solutions

Catalyst Technologies:
tremendous opportunities



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Results impacted by lower PGM prices

Second half sequentially stronger



Sales **-4%**

Operating profit **-8%**

- 1H -15%, 2H flat

Operating profit **+11%**
adjusting for precious metal prices¹

Earnings per share
141.3p, -21%

Net debt of
£951m (1.6 times²)

Ordinary dividend –
77.0p per share

£250m share buyback³

Note: Unless otherwise stated, sales and operating profit commentary refers to performance at constant exchange rates. Sales, operating profit and earnings per share are underlying measures – before profit or loss on disposal of businesses, gain or loss on significant legal proceedings together with associated legal costs, amortisation of acquired intangibles, share of profits or losses from non-strategic equity investments, major impairment and restructuring charges and, where relevant, related tax effects. Comparator period is 2022/23. PGM – platinum group metal.

1. Underlying operating profit growth adjusting for £85m impact from precious metal prices.

2. Net debt (including post tax pension deficits) to underlying EBITDA.

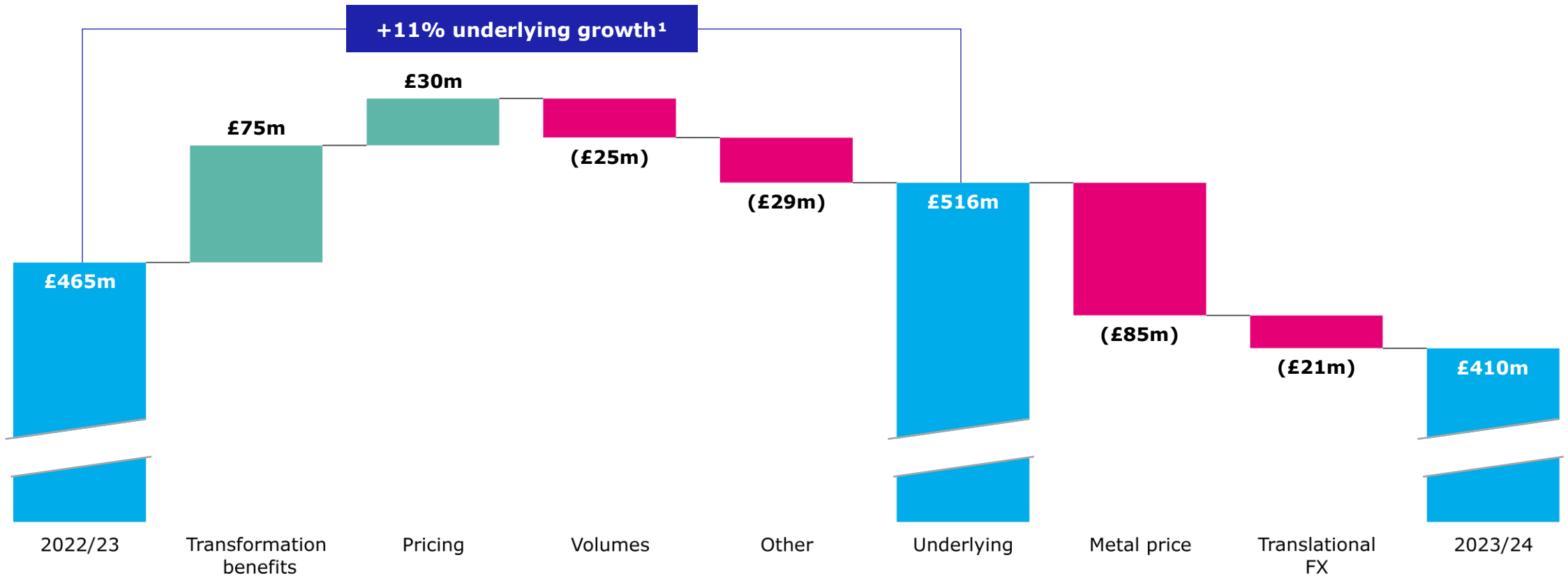
3. Share buyback programme conditional upon completion of Medical Device Components sale.

Sales impacted by lower PGM prices

Sales for year ended 31 st March	2024 £m	2023 £m	% change, constant FX rates
Clean Air	2,581	2,644	+2
PGM Services	462	570	-17
Catalyst Technologies	578	560	+6
Hydrogen Technologies	71	55	+31
Value Businesses ¹	326	470	-32
Eliminations	(114)	(98)	
Sales (continuing operations)	3,904	4,201	-4

Operating profit benefiting from transformation and pricing

Underlying operating profit



Upgrading transformation benefits

Initiative	Cost savings to date (£m)	Cost savings by end of 2024/25 (£m)	
		Original target ¹	Upgraded target
Management spans and layers	50	60	80
Procurement	45	40	70
Real estate	15	20	20
IT and JM Global Solutions ²	10	30	30
Total	120	150	200

Delivering £200m cost savings by end of 2024/25

Underlying results



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Underlying results for year ended 31 st March ¹	2024 £m	2023 £m	% change	% change, constant FX rates
Sales excluding precious metals (sales)	3,904	4,201	-7	-4
Operating profit	410	465	-12	-8
Finance charges	(82)	(61)		
Profit before tax	328	404	-19	
Taxation	(68)	(78)		
Profit after tax	260	326	-20	
Underlying earnings per share	141.3p	178.6p	-21	
Ordinary dividend per share	77.0p	77.0p	-	

Reported results

Year ended 31 st March	2024 £m	2023 £m
Underlying operating profit	410	465
Major impairment and restructuring charges ¹	(148)	(41)
(Loss) / profit on disposal of businesses ²	(9)	12
Amortisation of acquired intangibles	(4)	(5)
Gains and losses on significant legal proceedings	-	(25)
Reported operating profit	249	406
Reported basic earnings per share from continuing operations	58.6p	144.2p

Clean Air

Improved profitability driven by efficiencies

Sales up 2%

- Higher volumes
- Partly offset by lower pricing



Operating profit up 26%

- Efficiency benefits
- Significant margin growth – 1H: 9.6%, 2H: 11.6%

Cash generation

- c.£600m of cash in the year¹



Underlying results for year ended 31 st March	2024 £m	2023 £m	% change, constant FX rates
Light duty diesel	1,094	1,075	+5
Light duty gasoline	533	599	-6
Heavy duty diesel	954	970	+2
 Total sales	2,581	2,644	+2
 Operating profit	274	230	+26
 Operating profit margin	10.6%	8.7%	
 EBITDA margin	13.5%	11.6%	

PGM Services

Lower average PGM prices


Sales down 17%

- Lower average PGM prices
- Continued softness in auto scrap recycling
- Partly offset by higher industrial and mining intakes

Operating profit down 35%

- Lower average PGM prices (£85m impact) and volumes
- Continued focus on efficiencies



Underlying results for year ended 31 st March	2024 £m	2023 £m	% change, constant FX rates
 Total sales	462	570	-17
 Operating profit	164	257	-35
 Operating profit margin	35.5%	45.1%	
 EBITDA margin	42.0%	49.6%	

Catalyst Technologies

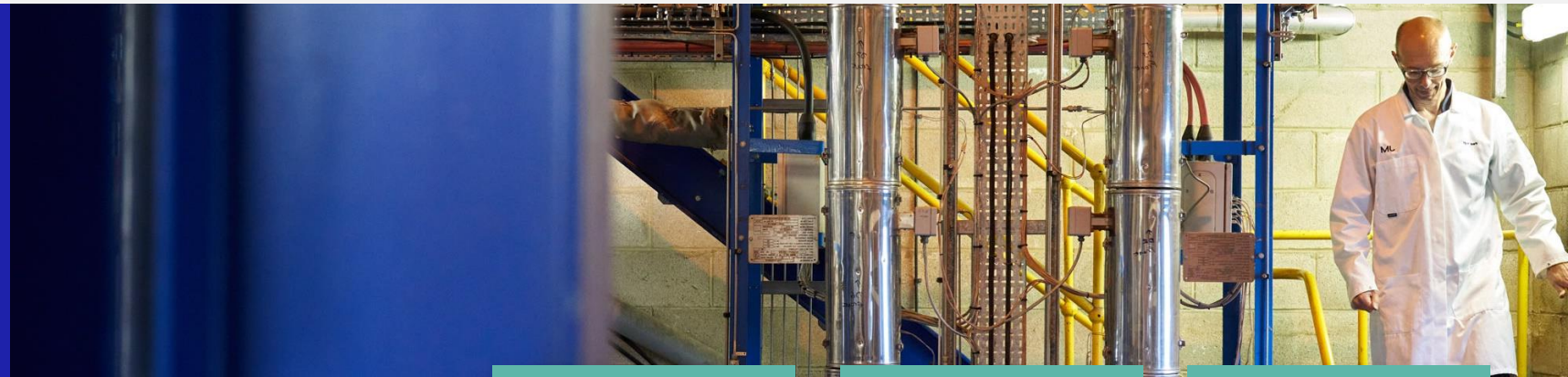
Material margin improvement and strong growth in licensing





Sales up 6%

- Higher pricing and better mix
- Partly offset by lower volumes

Operating profit up 56%

- Higher pricing, better mix and efficiency benefits
- Margin up 390 basis points



Underlying results for year ended 31 st March	2024 £m	2023 £m	% change, constant FX rates
Catalysts	518	509	+4
Licensing	60	51	+20
 Total sales	578	560	+6
 Operating profit	75	51	+56
 Operating profit margin	13.0%	9.1%	
 EBITDA margin	17.3%	13.9%	

Hydrogen Technologies

Strong sales growth and disciplined investment

Sales up 31%

- Growth driven by strategic customers in fuel cells
- Slower growth in 2H as the market softened

Operating loss of £50m

- Investment in the year to scale the business
- Reducing investment and managing cost, in line with market development



Underlying results for year ended 31st March

2024
£m

2023
£m

% change, constant FX rates



Total sales

71

55

+31



Operating loss

(50)

(45)

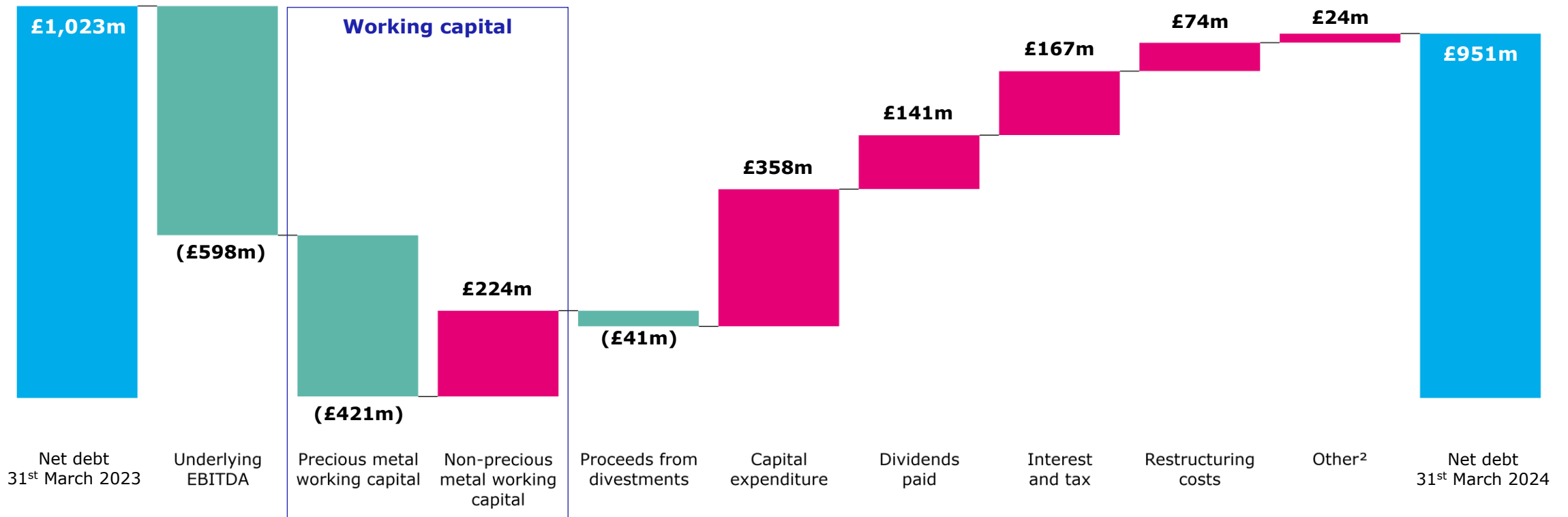
n/a

Net debt



**1.6 times
net debt
to EBITDA¹**

**1.6 times
net debt
to EBITDA¹**



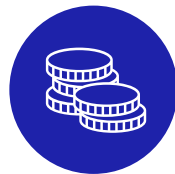
Improving cash flow in the medium-term

Levers to drive future cash flow

**Top line
growth**



**Driving higher
margins**



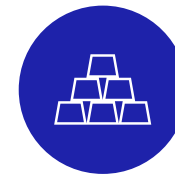
**Capex intensity
reducing**



**New efficient
PGM refinery
delivers
working capital
improvement**

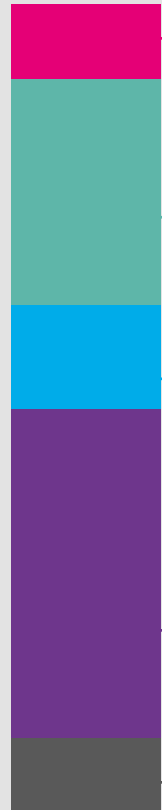


**Metal price
environment
stabilised**



Disciplined organic investments

Up to £0.9bn



3 year capex
2024/25 – 2026/27

Hydrogen Technologies

Capex will now comprise only 10% of three year group capex

Catalyst Technologies

Low risk, project backed investments to support sustainable technologies growth

Clean Air

Trending towards maintenance capex

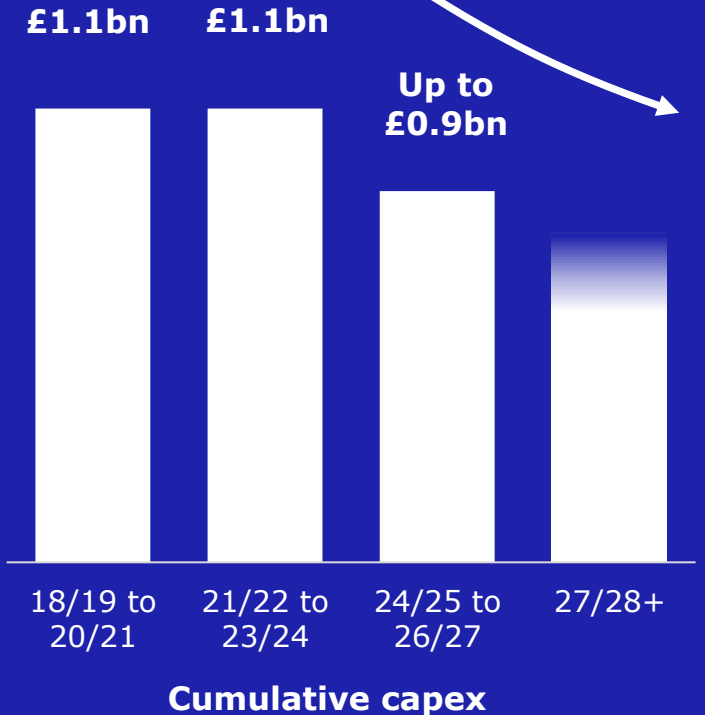
PGM Services

Substantial capex investment into new refinery (c.£250m included)
Trending to maintenance capex beyond 2026/27

Other

Investment into IT and transformation initiatives

Capital intensity declining



Outlook for year ending 31st March 2025

On a continuing basis, excluding Value Businesses, we expect:

At least mid single digit growth in underlying operating performance

at constant precious metal prices and constant currency¹

PGM prices and FX:

c.£5m adverse impact if PGM prices² and FX rates³ remain at current levels for the rest of this year

Clean Air

- Modest growth in operating performance
- Continued margin expansion driven by efficiency benefits

PGM Services

- Broadly stable performance
- Limited impact from precious metal prices

Catalyst Technologies

- Further strong growth in operating performance
- Mid teens margin

Hydrogen Technologies

- Modest sales growth
- Significantly lower operating loss

1. Baseline is group operating performance on a continuing basis excluding Value Businesses (see page 41).
 2. If precious metal prices remain at their current level (average for May 2024 month to date) for the remainder of 2024/25 there would be a benefit of £1m on full year operating performance compared with the prior year. A US\$100 per troy ounce change in the average annual platinum, palladium and rhodium metal prices each have an impact of approximately £0.5m, £1m and £0.5m respectively on full year 2024/25 underlying operating profit in PGM Services. This assumes no foreign exchange movement.
 3. Based on average foreign exchange rates for May 2024 month to date, translational foreign exchange movements for the year ending 31st March 2025 are expected to adversely impact underlying operating profit by £4m.

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Catalysing the net zero transition

Our aspiration is to lead across our four businesses

Clean Air

Leading in autocatalyst markets

Catalyst Technologies

#1 in syngas-based chemicals and fuels technology

Hydrogen Technologies

Market leader in performance components for fuel cells and electrolysers

PGM Services

(Platinum Group Metals Services)

#1 recycler of PGMs¹

Portfolio transitioning and growing over time

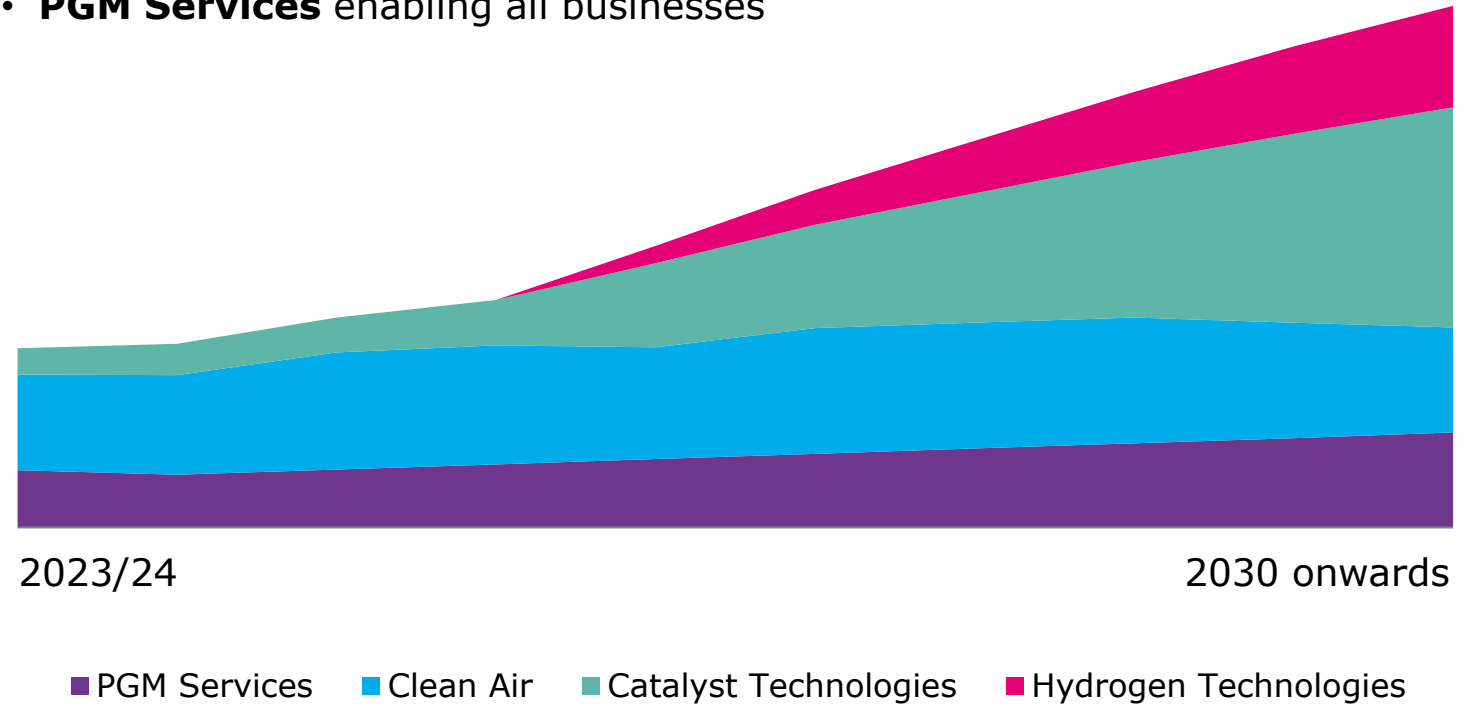
Accelerating to high single digit growth¹
over the medium-term, and
strong long-term growth

Beyond 2030, growth
businesses expected to be
**bigger than the size of
JM today...**

Illustrative chart

Development of underlying operating profit

- **Clean Air** efficiencies and **Catalyst Technologies** driving near and mid-term growth
- **Hydrogen Technologies** contributing in the long-term
- **PGM Services** enabling all businesses



1. At constant precious metal prices and FX rates (2023/24 average). Baseline is underlying operating profit on a continuing basis excluding Value Businesses (£381m in 2023/24).

Note: Illustration excludes Value Businesses and Corporate.

New strategic milestones for 2025/26

		End of 2024/25	End of 2025/26	Long-term
Customers	Deliver at least £4.5bn of cash in the decade to 2030/31¹ from Clean Air			●
	Win 20 additional large scale projects in Catalyst Technologies' sustainable technologies portfolio		●	
	Secure 4 new Hydrogen Technologies partnerships with leading companies		●	
Capability	Start commissioning of new world class PGM refinery		●	
	Expand engineering capacity by 30% to serve licensing growth in Catalyst Technologies ²		●	
Transformation	Achieve ICCA process safety event severity rate of 0.80 ³	●		
	Increase employee engagement score to at least 7.4⁴		●	
	Deliver £200m transformation savings	●		
	Implement JM Global Solutions for cost effective business processes	●		
	Deliver 32% reduction in scope 1 and 2 CO₂e emissions⁵		●	

Note: PGM – platinum group metal

1. Delivered around £2.0bn cumulatively since 2021/22 at actual metal prices.
Cash target from 1st April 2021 to 31st March 2031, pre-tax and post restructuring costs.

2. Baseline – 31st March 2024.

3. ICCA – International Council of Chemical Associations. Baseline – 2023/24: 0.88.

4. Baseline – 2023/24: 7.2.

5. CO₂e – carbon dioxide equivalent. Baseline – 2019/20.

Clean Air: stronger for longer

Global slowdown in BEV penetration

Strategic goals	Progress in 2023/24	Key priorities for 2024/25 +
Deliver cash	<ul style="list-style-type: none"> £2.0bn¹ cash since 2020/21 	<ul style="list-style-type: none"> Continue to deliver cash
Drive efficiency	<ul style="list-style-type: none"> Closed 4 sites 	<ul style="list-style-type: none"> Evaluate next phase of footprint consolidation
Win business	<ul style="list-style-type: none"> Won targeted business LDG win rate up significantly 	<ul style="list-style-type: none"> Maximise wins profitably

Upgraded target to deliver at least £4.5bn cash to 2030/31²

Clean Air: material margin improvement

Margin improvement initiatives

Pricing – strengthening commercial muscle

Manufacturing footprint consolidation

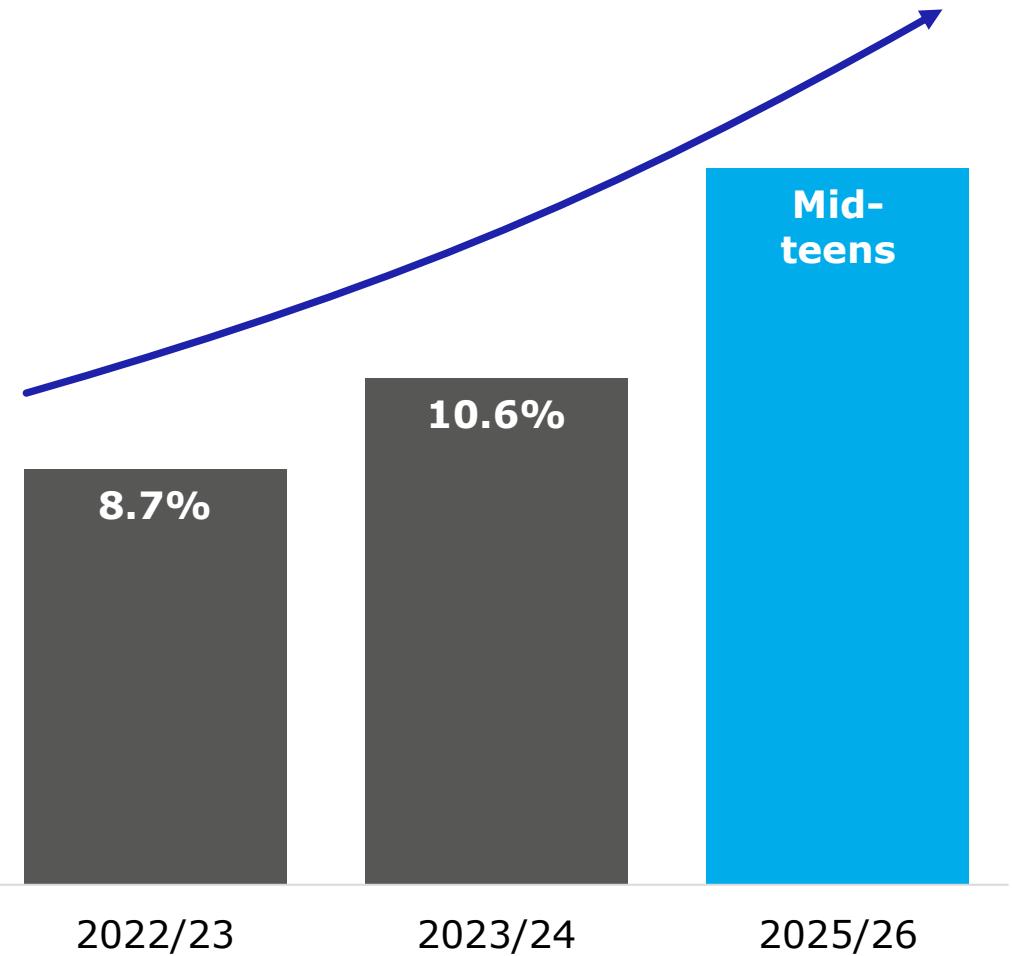
- Closed 4 sites in the year
- Evaluating next phase of footprint consolidation

Further cost savings

- Rationalising and standardising products
- Driving efficiencies across procurement, manufacturing and supply chain

Targeting mid-teens margins by 2025/26

Operating margin



PGM Services: underpinning the group

PGMs are vital in the long-term and used in many energy transition technologies

Strategic goals	Progress in 2023/24	Key priorities for 2024/25 +
Asset renewal	<ul style="list-style-type: none">Refining capability in China complete and ramping up	<ul style="list-style-type: none">Progress refinery investment
Reduce earnings volatility	<ul style="list-style-type: none">Actions taken to mitigate price and volume impact	<ul style="list-style-type: none">Grow value-add products businessAcceleration of full-service business model offering

Start commissioning of new world class PGM refinery by end of 2025/26

Catalyst Technologies: tremendous opportunities

New sustainable solutions taking off

Strategic goals	Progress in 2023/24	Key priorities for 2024/25 +
<p>Improve performance</p>	<ul style="list-style-type: none"> • Significant profit and margin growth 	<ul style="list-style-type: none"> • Drive further material profit growth and margin improvement
<p>Drive growth</p>	<ul style="list-style-type: none"> • Won 10 projects since April 2022¹ • Engineering capacity up 20%² 	<ul style="list-style-type: none"> • 20 additional wins by 2025/26¹ • Expand engineering capacity by 30% by 2025/26³

**Deliver high single digit sales growth in the short-term
accelerating to mid-teens growth over the medium to long-term**

Catalyst Technologies: significant margin improvement

Margin improvement initiatives

Pricing

- Improved commercial rigour to recover cost inflation
- Driving value-based pricing in key segments

Procurement

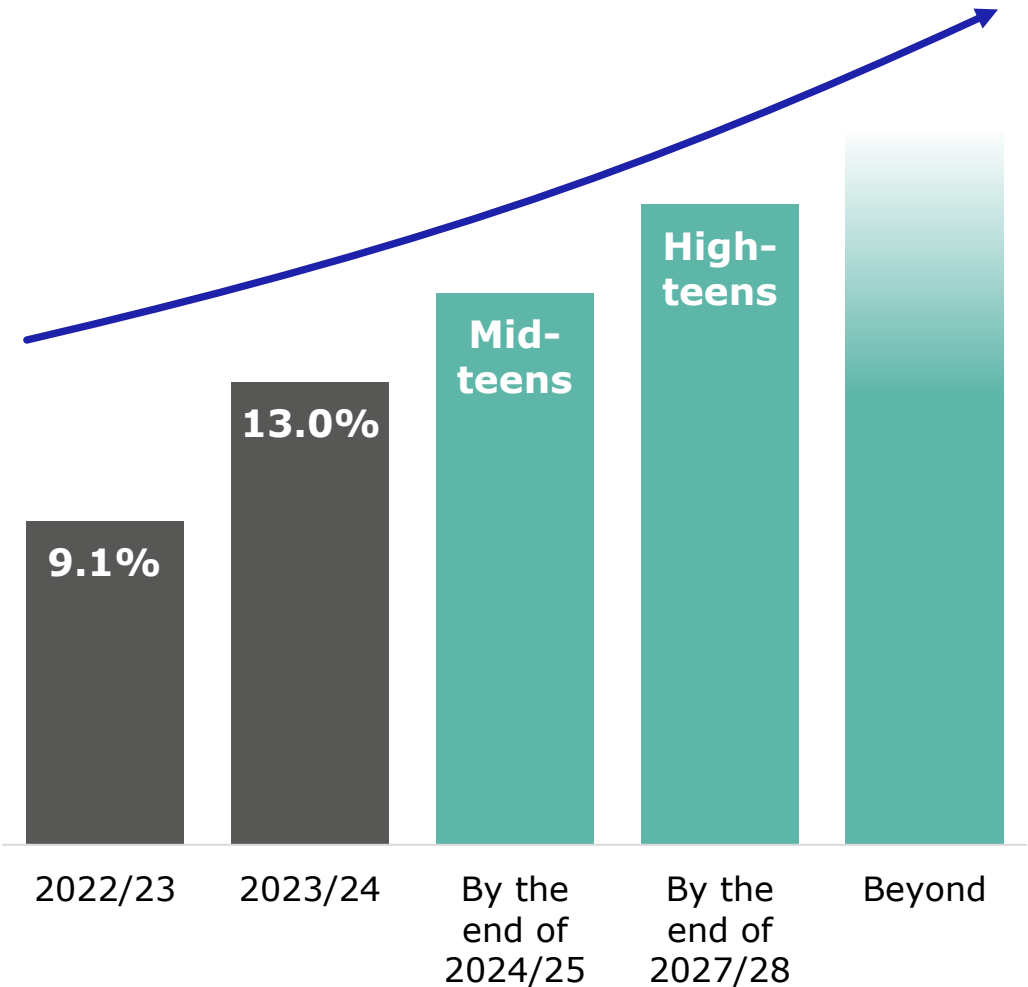
- Reducing number of suppliers by one third
- Reducing reliance on single source items

Manufacturing efficiency

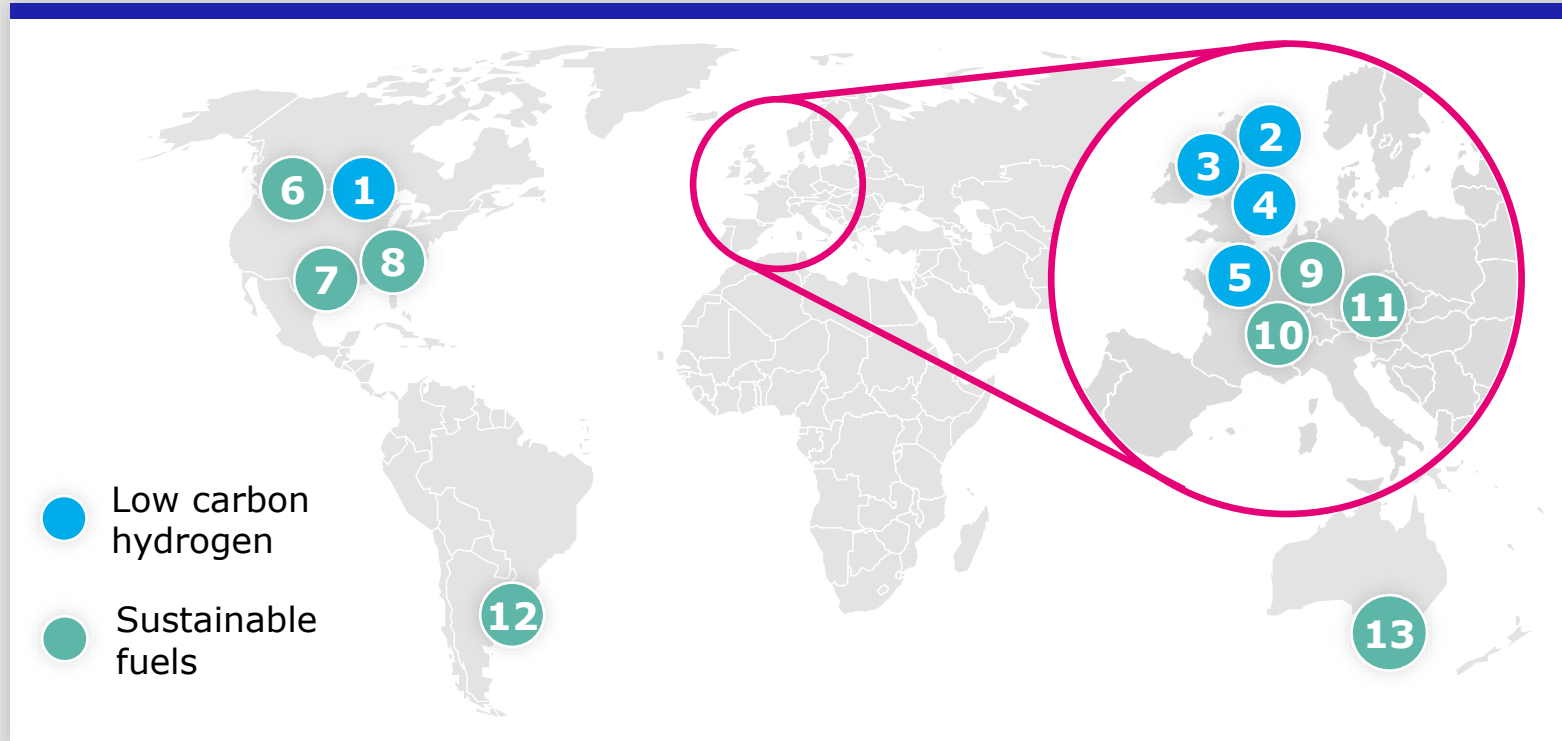
- Manufacturing excellence initiatives
- Increasing capacity in key sites

**Targeting mid-teens margin by end of 2024/25,
high-teens by end of 2027/28 and continued
accretion beyond**

Operating margin



Catalyst Technologies: winning pioneering projects



**Pipeline of more than 140 projects¹;
Target to win additional 20 large scale projects² by end of 2025/26**

More than £350m in sales³

- 1** Large scale project in North America
- 2** **bp** H2Teesside
- 3** **Kellas Midstream** H2NorthEast
- 4** **Equinor and Linde** H2H Saltend
- 5** Large scale project in Europe⁴
- 6** Waste-to-fuels plant in NA
- 7** **DG Fuels** plant
- 8** **Strategic Biofuels** project
- 9** Waste-to-methanol project in Europe⁴
- 10** Waste-to-fuels plant in Europe
- 11** **EDL** HyKero plant
- 12** **HIF Global** Paysandú e-methanol⁴
- 13** **ABEL Energy** green methanol

1. Pipeline includes low carbon hydrogen and sustainable fuels (previously more than 100).

2. Across sustainable technologies portfolio.

3. Revenue over 5 years relating to project wins from 1st April 2022 to date, assuming project completion.

4. Projects won since 1st April 2024, contributing to new milestone to win 20 additional large scale projects by end of 2025/26.

Hydrogen Technologies: attractive long-term market

Hydrogen value chain has slowed as the industry navigates scale up challenges

Strategic goals	Progress in 2023/24	Key priorities for 2024/25 +
Strategic partnerships	<ul style="list-style-type: none">• Strong sales growth driven by strategic customers	<ul style="list-style-type: none">• Secure new partnerships with leading companies
Disciplined scale up	<ul style="list-style-type: none">• Improved manufacturing output• Substantially completed construction of UK plant	<ul style="list-style-type: none">• Reducing investment and managing cost

Expect modest sales growth and a significantly lower operating loss in 2024/25; business to breakeven by the end of 2025/26

Transforming JM

Simplification



Divestment of Value Businesses

Deployment of **JM Global Solutions** for cost-effective business processes

Customer focus



One account approach for key customers

Customer recognition

- 16% increase in overall customer NPS score¹
- Cummins Global Supplier of the Year award

People growth



Building **engineering** and **commercial** capabilities

- 20% increase in Catalyst Technologies engineers²
- Customer centricity training

Employee engagement score of 7.2, in line with target³

Upgraded cost savings target to £200m by the end of 2024/25

Sustainability is embedded in everything we do

Protecting the planet

- **Scope 1, 2 and 3 targets validated** by SBTi as aligned with 1.5°C trajectory
- Delivered 30% reduction in tonnes of **Scope 1 and 2** CO₂e emissions¹
- Helped customers **reduce CO₂e emissions** by over 1 million tonnes this year²
- **New certified net zero carbon electricity target:** 90% by 2029/30
- Publishing **Nature statement** in June 2024

Protecting our people

- Targeting ICCA **process safety** event severity rate of 0.80 by end of 2024/25³
- Achieved **employee engagement score** of 7.2, in line with target⁴
- **New ethnicity target:** 15% minority ethnic senior management by Dec 2027⁵

Note: CO₂e – carbon dioxide equivalent.

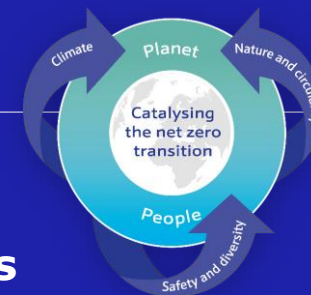
1. New target of 32% reduction by 2025/26. Baseline – 2019/20.

2. Through our products.

3. ICCA – International Council of Chemical Associations. Baseline – 2023/24: 0.88.

4. 7.2 achieved in 2023/24 compared with target of 7.2 in 2024/25. Now targeting at least 7.4 by end of 2025/26.

5. Target includes 3% Black representation.



Recognised by leading ESG rankings

FTSE4Good 94th percentile

Member of
Dow Jones Sustainability Indices 96th percentile
Powered by the S&P Global CSA

CDP Rated **A-** on climate change
DRIVING SUSTAINABLE ECONOMIES

Ecovadis **Gold** rated – 98th percentile

MSCI **AAA** rated

Catalysing the net zero transition

Good underlying performance

(operating profit +11%¹)



Strong progress on executing our strategy



New strategic milestones to 2025/26



Executing in a rapidly changing world

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JM





Q&A



Appendix

Group operating profit

Underlying operating profit for year ended 31 st March	2024 £m	2023 £m	% change, constant FX rates
Clean Air	274	230	+26
PGM Services	164	257	-35
Catalyst Technologies	75	51	+56
Hydrogen Technologies	(50)	(45)	n/a
Value Businesses ¹	29	40	-28
Corporate	(82)	(68)	
Underlying operating profit (continuing operations)	410	465	-8

Group sales

– excluding Value Businesses

Sales	1H 2023/24 £m	2H 2023/24 £m	2023/24 £m
Clean Air	1,286	1,295	2,581
PGM Services	230	232	462
Catalyst Technologies	282	296	578
Hydrogen Technologies	37	34	71
Eliminations	(58)	(56)	(114)
Sales excluding Value Businesses (continuing)	1,777	1,801	3,578
Value Businesses adjustments ¹	190	136	326
Total sales (continuing)	1,967	1,937	3,904

Group operating profit – excluding Value Businesses

Underlying operating profit	1H 2023/24 £m	2H 2023/24 £m	2023/24 £m
Clean Air	124	150	274
PGM Services	78	86	164
Catalyst Technologies	35	40	75
Hydrogen Technologies	(26)	(24)	(50)
Corporate	(45)	(37)	(82)
Underlying operating profit excluding Value Businesses (continuing)	166	215	381
Value Businesses adjustments ¹	14	15	29
Total underlying operating profit (continuing)	180	230	410

Free cash flow and net debt

Free cash flow from continuing operations for year ended 31 st March (£m)	2024	2023
Underlying operating profit from continuing operations	410	465
Depreciation and amortisation ¹	186	176
– Precious metal working capital inflow / (outflow)	421	(53)
– Non precious metal working capital (outflow)	(224)	(192)
Net working capital inflow / (outflow)	197	(245)
Net interest paid	(75)	(66)
Tax paid	(92)	(75)
Capex spend	(358)	(301)
Net proceeds from disposal of businesses	41	187
Other ²	(120)	(67)
Free cash flow from continuing operations	189	74
Net debt at the end of the period	(951)	(1,023)
Net debt to EBITDA³	1.6	1.6

Note: Short-term metal leases amounted to £197m as at 31st March 2024 (31st March 2023: £138m).

1. Excluding amortisation of acquired intangibles, including loss on sale of non-current assets.

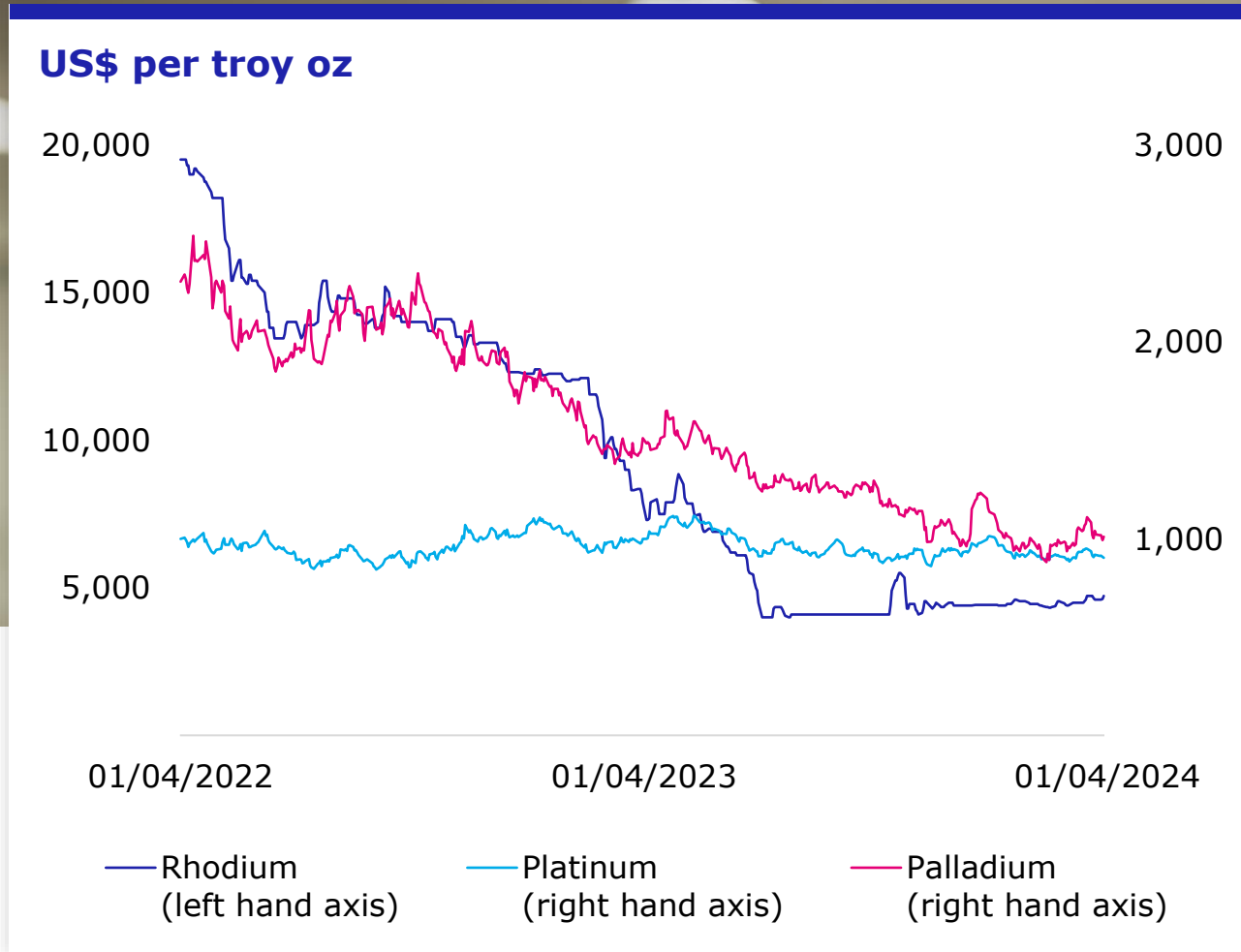
2. Includes non-underlying costs, share based payments, lease payments, changes in fair value of financial instruments, and movements in pensions and provisions.

3. Net debt including post tax pension deficits.

Net debt to EBITDA 1.6 times¹

Continuing operations	£m	£m
Net debt at the beginning of the year		(1,023)
Free cash flow	189	
Dividends	(141)	
Movement in net debt		48
Lease adjustments ²		1
Disposal of businesses		11
Net debt before FX and other movements		(963)
FX and other non-cash movements ³		12
Net debt at the end of the period		(951)

PGM prices



Price (US\$ per troy oz)	2022/23 average	2023/24 average	Current (20 th May 2024)
Platinum	963	957	1,091
Palladium	1,942	1,205	1,026
Rhodium	13,673	4,982	4,725

Financial guidance summary

Group underlying operating profit growth¹:

Accelerating to high single digit growth over the medium-term, and strong long-term growth

Clean Air – At least £4.5 billion of cash in the decade to 2030/31². Mid-teens operating margins by 2025/26.

Catalyst Technologies – High single digit sales growth in the short-term, accelerating to mid-teens growth over the medium to long-term. Margin accretion³ driven by value creation programme and mix shift towards licensing

Hydrogen Technologies – Modest sales growth and significantly lower operating loss in 2024/25. Now expect to breakeven by the end of 2025/26

Up to £0.9bn cumulative capex over the three years to 2026/27

£200m cost savings by 2024/25