

# Presentation of Results for the year ended 31st March 2012

7<sup>th</sup> June 2012



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# Cautionary Statement

This presentation contains forward looking statements that are subject to risk factors associated with, amongst other things, the economic and business circumstances occurring from time to time in the countries and sectors in which Johnson Matthey operates. It is believed that the expectations reflected in these statements are reasonable but they may be affected by a wide range of variables which could cause actual results to differ materially from those currently anticipated.





# Introduction

Neil Carson
Chief Executive





# **Key Messages**

# Another year of strong growth

Further progress anticipated in 2012/13

Return of capital of 100 pence per share

Confidence in group's continuing growth potential





# **Underlying Results**

Year to 31 <sup>st</sup> March	2012 £m	2011 £m	% change
Revenue	12,023	9,985	+20%
Sales excluding precious metals	2,679	2,280	+17%
Operating profit	450.1	366.2	+23%
Interest	(24.1)	(20.7)	+16%
Profit before tax	426.0	345.5	+23%
Tax	(100.0)	(91.7)	
Profit after tax	326.0	253.8	+28%
Earnings per share	153.7p	119.0p	+29%
Ordinary dividend per share	55.0p	46.0p	+20%
Special dividend per share	100.0p	-	-

Note: All figures are before amortisation of acquired intangibles, major impairment and restructuring charges, profit or loss on disposal of businesses and, where relevant, related tax effects



# Cash Flow from Operations

Year to 31st March	2012	2011
	£m	£m
Operating profit	433	280
Depreciation and amortisation	147	169
Tax paid	(69)	(65)
Working capital / other	(47)	(261)
Cash flow from operations	464	123

- At 31st March 2012, working capital days (excl. pms) were 54 (2011 60)
- During 2011/12, working capital increased by:
  - Excl. pms £41.5m
  - Pms £(60.9)m

- Net debt at 31st March 2012 £454m, down by £185m
  - Net debt (incl. post tax pension deficits) / EBITDA of 1.0 (0.8 excluding pension)



# **Capital Structure**

During year, board reviewed group's balance sheet

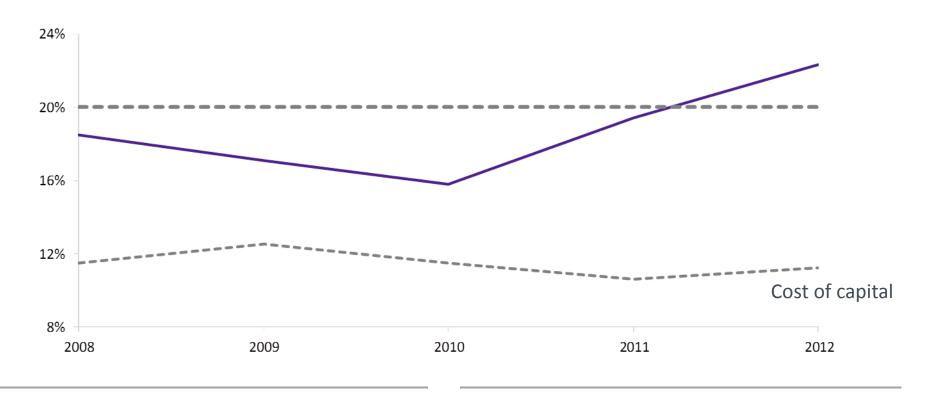
Group's business model allows modest debt – target 1.5 to 2.0 times

Recommending return of capital via special dividend of 100 pence per share

Pro forma net debt / EBITDA still conservative at 1.3 times



# Return on Invested Capital (ROIC)

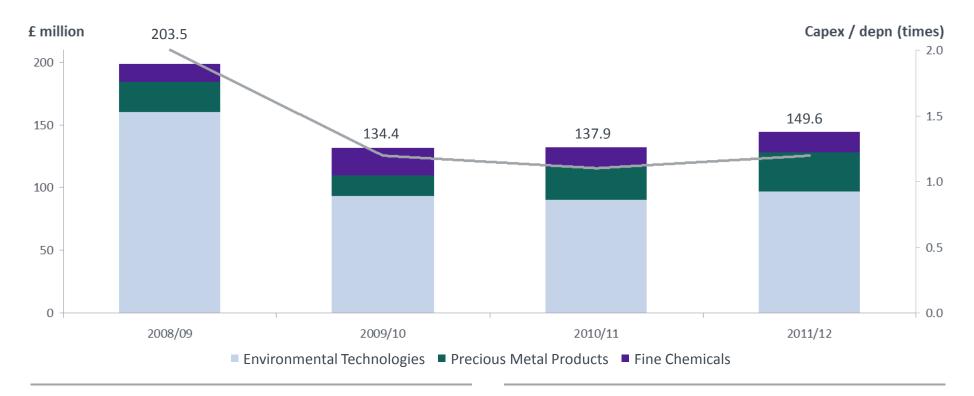


- Substantial increase in ROIC to 22.3%
  - exceeding long term target

• Objective to maintain ROIC above 20%



# Capital Expenditure



- Key projects in year:
  - Further expansion of:
    - Auto / HDD capacity in China
    - HDD capacity in Germany
  - New plants in UK and India for process catalysts

Good growth opportunities – capex likely to average
 1.5x to 1.7x depreciation over next three years



### **UK Pension Scheme**



# Actuarial valuation at 1st April 2012 underway

- Deficit expected to increase to around £250m (2009 £173m)
- Reviewing future UK pension provision



#### Cash contributions

- Total contributions in year:
   Normal £22m
   Deficit funding £23m
- Ongoing annual deficit contributions not expected to be materially different



#### **IFRS**

- Deficit at 31<sup>st</sup> March 2012 slightly higher than last year at £85m
- 2012/13 non-cash pension charge to increase by more than £10m due to low discount rate



# **Operating Review**

Neil Carson
Chief Executive





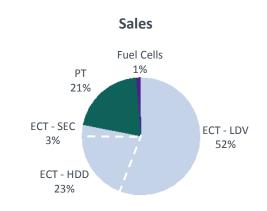
Johnson Matthey



# **Environmental Technologies Division**

Year to 31 <sup>st</sup> March				
			%	% at
£m	2012	2011	change	constant rates
Revenue	3,255	2,708	+20	+20
Sales (excluding precious metals)	1,876	1,566	+20	+20
Underlying operating profit	211.8	164.7	+29	+29
Return on sales	11.3%	10.5%		
Return on invested capital (ROIC)	14.2%	11.5%		

- Strong growth in ECT, led by HDD in US
- Excellent performance from DPT
- Good progress at Additives business
- Fuel Cells impacted by customer delays





# Estimated Light Duty Vehicle Sales and Production

		Year to	31 <sup>st</sup> March		2H	1H	
		2012 millions	2011 millions	% change	2011/12 millions	2011/12 millions	% change
North	Sales	15.6	14.5	+7.6	7.8	7.8	-
America	Production	13.6	12.4	+9.7	7.3	6.3	+15.9
F.,,,,,,,,	Sales	19.0	18.7	+1.6	9.4	9.6	-2.1
Europe	Production	19.8	19.7	+0.5	10.0	9.8	+2.0
Asia	Sales	30.8	30.5	+1.0	16.6	14.2	+16.9
Asia	Production	37.7	37.2	+1.3	20.1	17.6	+14.2
Global	Sales	76.1	73.9	+3.0	39.7	36.4	+9.1
Global	Production	77.7	75.8	+2.5	40.5	37.2	+8.9

Source: IHS Automotive



JM's Light Duty Catalyst Sales – 2010-2012

Total sales **£969m** up 10%

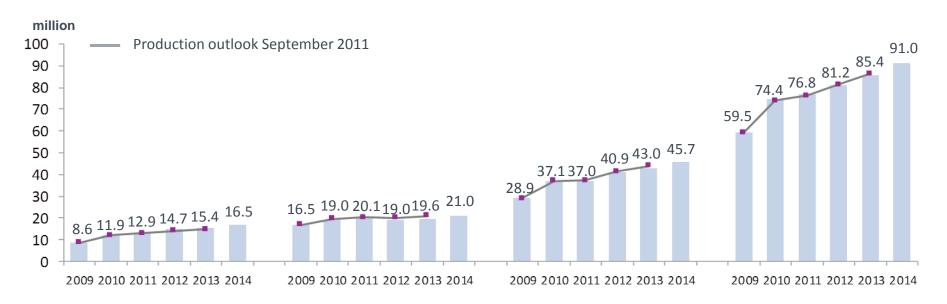


- Market continued to recover
- Outperformed growth in vehicle production
- Diesel share up slightly to 55%

- Well ahead of market growth
- New business in China and South East Asia
- Operating profit impacted in 1H by higher rare earth prices (circa £15m)



Light Duty Vehicle Production Outlook – 2009-2014 (calendar years)



#### **North America**

 Steady recovery anticipated

#### Europe

 Slowdown expected for next two years

#### Asia

 Continued good growth in Asia

Global



Light Duty: Looking Ahead



1H 2012/13 will benefit from removal of headwinds:

- Rare earth prices now a pass through cost
- Japanese earthquake impacted 1H 2011/12



Euro 6 LDD legislation in 2014 drives increased demand for catalysts

 Expansion of catalyst manufacturing capacity in Macedonia and Royston, UK



Positive outlook for car demand in North America and Asia

Concerns over short to medium term demand in Europe



# Estimated HDD Truck Sales and Production

North	Sales
America	Production
EU	Sales
EU	Production

Year to		
2012 thousands	2011 thousands	% change
405.2	287.4	+41.0
451.8	301.0	+50.1
298.7	257.4	+16.0
386.4	360.2	+7.3

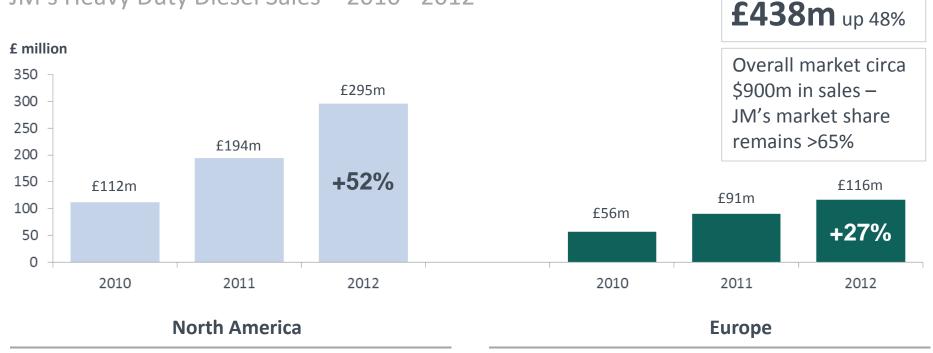
2Н	1H	
2011/12 thousands	2011/12 thousands	% change
213.0	192.2	+10.8
237.7	214.1	+11.0
155.1	143.6	+8.0
191.9	194.5	-1.3



Total sales

# **Emission Control Technologies**

JM's Heavy Duty Diesel Sales – 2010 - 2012

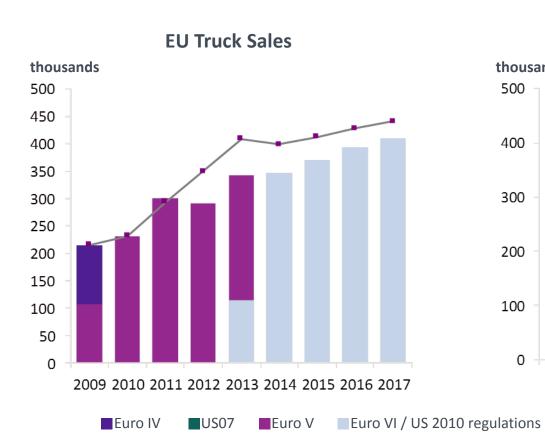


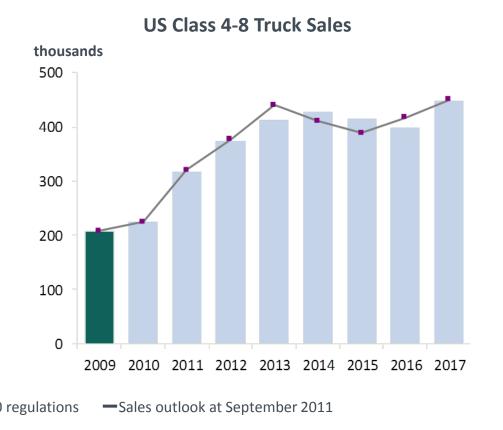
- Truck operators replacing ageing fleets
- Sales up in line with truck production

- Strong sales growth includes:
  - Export sales to Brazil
  - Good demand from Eastern Europe



Heavy Duty Diesel Vehicle Sales Outlook (calendar years)







Heavy Duty Diesel: Looking Ahead





#### Developed markets:

- Further growth in US demand expected in 2012/13
- Outlook for Europe less certain
- Euro VI and non-road legislation will substantially increase sales from 2013/14

#### Developing markets:

- Early sales to Chinese and Indian OEMs
  - Higher competition and lower catalyst value per truck expected
  - Chinese legislation delayed one year until mid 2013 due to fuel availability
  - Investment in new HDD line in China

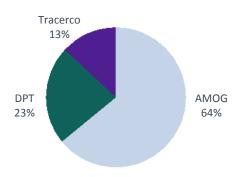


# **Process Technologies**

#### Catalyst Businesses (AMOG)

- Strong growth, sales up 27% to £256m
- Additives business performing ahead of our expectations
- Good demand for hydrogen and ammonia catalysts, sales of methanol catalysts down as expected

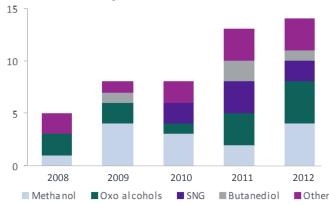
#### Total Sales 2011/12 £401m



#### Davy Process Technology

- An excellent year for DPT, sales up 42% to £94m
- A total of 14 new projects won
- Ten plants in China







# **Process Technologies**

**Looking Ahead** 





- Steady growth in syngas catalysts expected
  - Adding capacity in UK and India to meet future demand
- Opportunities from Additives
  - Continue to leverage technology and market synergies
  - Planned expansion of plant in US

- Strong performance from DPT should continue in 2012/13
  - Strong demand for oxo alcohols plants in China
  - Range of new technologies available for license with more in development
- Longer term, Process Technologies' portfolio fits well with coal to products and shale gas opportunities







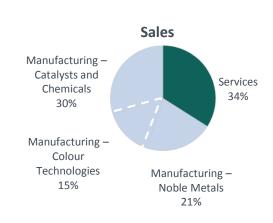
			%	% at
£m	2012	2011	change	constant rates
Revenue	9,841	8,270	+19	+20
Sales (excluding precious metals)	582	541	+8	+8
Underlying operating profit	200.8	172.9	+16	+16
Return on sales	34.5%	31.9%		
Return on invested capital (ROIC)	58.9%	55.9%		

#### Services

- Strong performance, particularly in 1H, supported by higher precious metal prices and refining demand
- Sales up 10% to £199m

#### Manufacturing

 Another good year with growth in all businesses and sales up 6% to £383m





Services Businesses

#### Platinum Marketing and Distribution Business

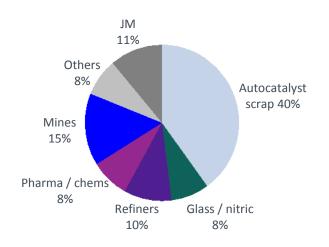
- Average prices
  - Pt \$1,670/oz unchanged
  - Pd \$710/oz up 15%
  - Au \$1,661/oz up 28%



#### **Refining Businesses**

- Strong performance continued in 2011/12
- Intakes boosted by growth in end of life autocatalyst scrap
- Continued focus on operational improvements

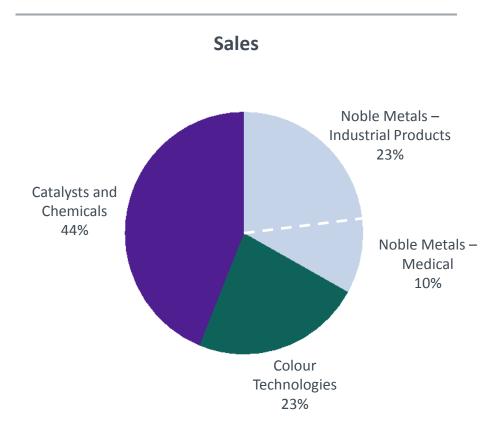
#### **Pgm Refining Throughput by Market Sector**





#### Manufacturing Businesses

- Sales up 6% to £383m
- Noble Metals (up 4% to £125m)
  - Trend towards higher added value products
  - Medical sales up 6% driven by good demand from cardiovascular markets
- Colour Technologies (up 6% to £87m)
  - Good growth for functional coatings
  - Decorative demand impacted by high metal prices
- Catalysts and Chemicals (up 8% to £171m)
  - Catalyst demand supported by new product launches





**Looking Ahead** 





- Significant fall in precious metal prices since start of 2012/13, if continued, will impact Services businesses
- Pgm refining intakes also expected to reduce
- Manufacturing businesses expected to make good progress
- Continued investment in R&D across the division



Fine Chemicals Division

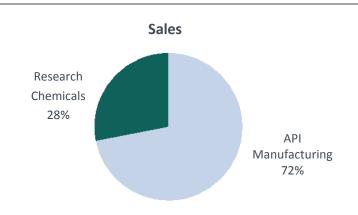




# Fine Chemicals Division

			%	% at
£m	2012	2011	change	constant rates
Revenue	292	255	+15	+16
Sales (excluding precious metals)	285	245	+16	+17
Underlying operating profit	69.7	56.2	+24	+26
Return on sales	24.5%	22.9%		
Return on invested capital (ROIC)	16.7%	13.7%		

- Very good year, exceeding our expectations
- Particularly strong performance by North American API Manufacturing business
- Research Chemicals delivered good growth across all regions





### Fine Chemicals

#### **Business Performance**





#### API Manufacturing Businesses

- Sales up 18% to £206m driven by strong demand for bulk and specialist opiates
- Results benefited from
  - Ongoing rationalisation of North American API production
  - Strong sales of generic ADDERALL XR®
  - Revenue from an oxymorphone patent

#### **Research Chemicals**

- Sales up 10% to £79m, benefiting from increased market share and new product introductions
- 4,500 new products added



# Fine Chemicals

**Looking Ahead** 



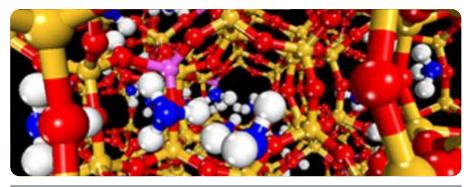
- Further optimisation of North American and then global API production should benefit future results
- Steady flow of new products expected



- Further geographic expansion by Research Chemicals
- Synergies in synthetic chemistry and manufacturing support future growth



# Research and Development



- Group R&D investment increased by 17% to £129m
- Further increase to circa £140m planned in 2012/13
  - Majority in Environmental Technologies
- Continued focus on sustainable technologies

- New Business Development group established
  - Identification of potential market opportunities progressing well
  - Working closely with R&D to expedite new developments
  - Investment in 2012/13 will increase to circa £6m



# Non-Financial Performance

Year to 31st March	2012	2011	% change
Energy use (GJ '000)	4,726	4,749	-
Global warming potential ('000 tonnes CO <sub>2</sub> equivalent)	417	415	-
Annual rate of >3 day accidents per 1,000 employees	2.07	2.99*	-31
Annual Incidence of occupational illness per 1,000 employees	3.5	3.5	-
Voluntary employee turnover (%)	6.4	5.6	+1

<sup>\*</sup> restated

- Sustainability initiatives realising major benefits
- Investment in the safety, wellbeing and development of our people remains a priority
  - Excellent progress on reducing accident rates
  - Occupational illness incidence unchanged, remains ahead of target

- Since launch of Sustainability 2017 in 2007, sales up 84% and underlying EPS up 87%
- However, resource use and emissions growing at much lower rate
  - Energy use up 21%
  - GWP up 6%
  - Water use up 15%



# Outlook (1)



#### **Environmental Technologies:**

- Outlook for division is positive
- Development of HDD market and growth in car production in North America and Asia expected
- Outlook for Europe is uncertain
- Strong demand for additives and DPT's licences will support growth in Process Technologies



#### **Precious Metal Products:**

- Lower current precious metal prices, if maintained, will significantly impact Services businesses
- Manufacturing businesses expected to make further progress



# Outlook (2)





#### Fine Chemicals:

- Drivers remain in place
- Continued demand should ensure another strong year

#### Group:

- Further progress expected in Environmental Technologies and Fine Chemicals in 2012/13
- Will be offset by Precious Metal Products if precious metal prices remain at current levels
- Strong positions in markets with structural growth drivers give confidence in group's continuing growth potential



# **Key Messages**

# Another year of strong growth

Further progress anticipated in 2012/13

Return of capital of 100 pence per share

Confident of group's continuing growth potential



# **Questions and Answers**

#### **Neil Carson**

**Chief Executive** 

#### **Robert MacLeod**

**Group Finance Director** 

#### **Larry Pentz**

Executive Director,
Environmental Technologies

#### **Bill Sandford**

Executive Director,
Precious Metal Products

#### John Fowler

Division Director, Fine Chemicals

#### **Nick Garner**

Group Director, Corporate and Strategic Development

#### **Geoff Otterman**

Division Director,
Process Technologies

#### John Walker

Division Director, Emission Control Technologies

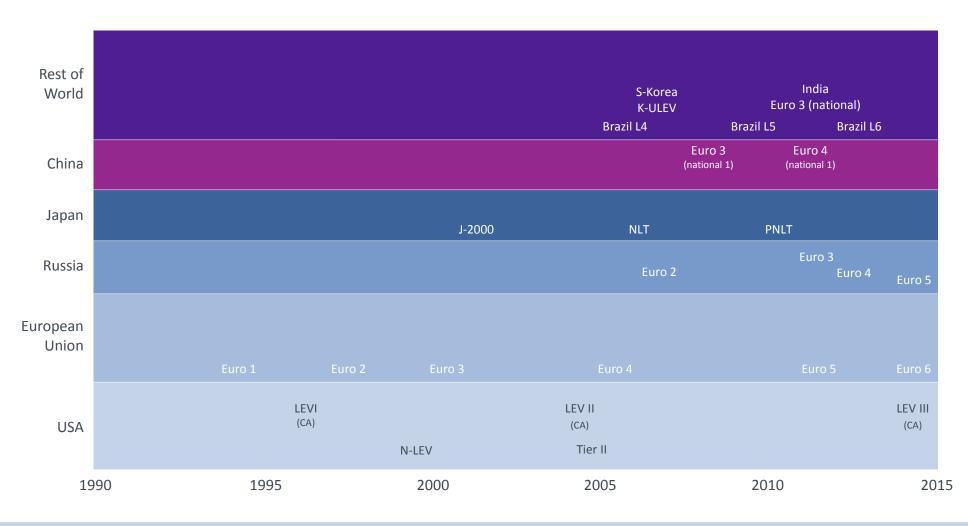
#### **Neil Whitley**

Division Director, Catalysts, Chemicals and Refining





Light Duty Vehicle Legislation





Heavy Duty Diesel Legislation

