

# Anglo American Platinum 2023 Interim Results

24 July 2023



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### 2023 Interim Results

# Agenda

Overview and operating context

ESG performance

Operational performance

Financial performance

Market performance

Strategic performance

Q&A



Overview and operating context



# H12023 summary

Safety

Fatalities

Zero

TRCFR<sup>1</sup>

1.58

Operational

M&C

1.85 PGM Moz

Refined

1.70 PGM Moz

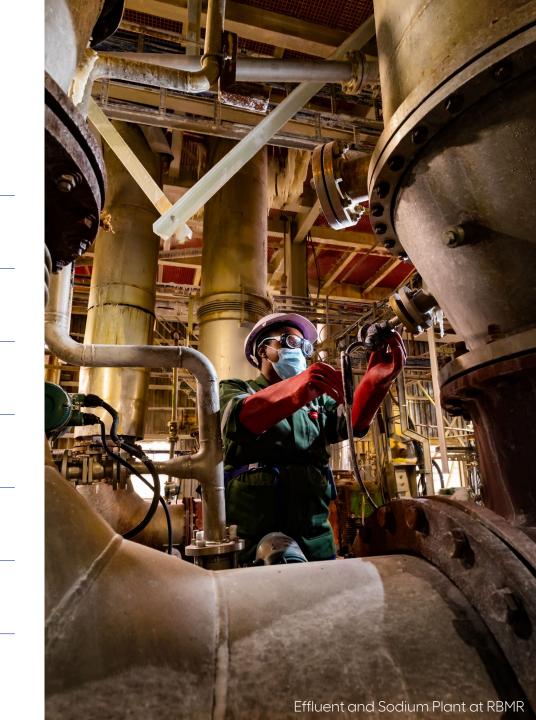
Financial

**EBITDA** 

R13bn

Mining margin

42%



## Operating context in H12023

#### Macro-economic



Uncertain global growth

Interest rate and fx uncertainties

High inflationary environment

#### Socio-economic



Infrastructure security

Slow economic growth

Crime and corruption

#### Energy security



Load curtailment management

**Escalating costs** 

Short term solutions needed



Prioritised, focused capital investments and cost management against inflationary and fx pressures

Embarked on private-public partnerships and collaborations with mutual benefits to business, government and communities

Efficient load-curtailment management and fast-tracking renewable energy and storage solution projects

### Our purpose and what we do matters

### Re-imagining mining to improve people's lives

Our strategy and our culture work together to achieve our purpose.

Four priorities for strategy delivery:

#### A leader in ESG



We collaborate with our communities and countries to create a better future

### Go beyond resilience, thrive through change



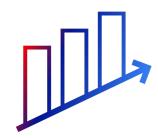
We stay strong and reliable in the face of change, through safe, stable and capable operations

### Maximise value from our core



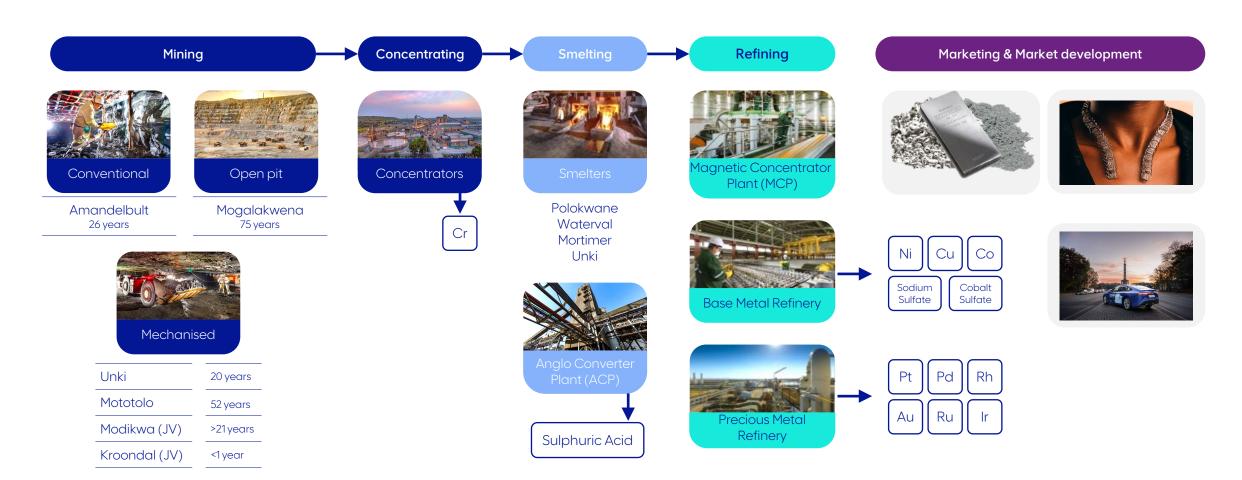
We always work to innovate and improve to make our jobs and our organisation better

### Stimulate new markets and leverage new capabilities

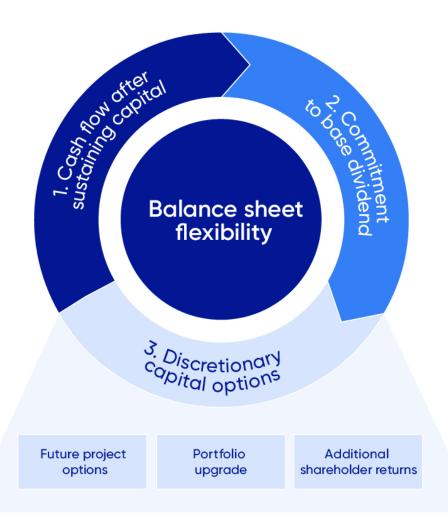


We produce metals that improve people's lives and have a positive impact on the world

### A world-class integrated portfolio of assets



### Disciplined capital allocation framework



### Capital allocation considerations

- 1. Strong balance sheet to be maintained through cycles
- 2. Sustaining capital to ensure safe, stable and capable operations
- 3. Base dividend policy of 40%
- 4. Value-driven investments, ensuring assets operate in first half of the cost curve
- Market fundamentals well understood, will guide growth investments

# ESG performance



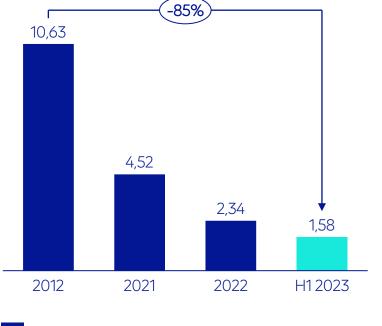
## Progress driven by focused programmes

#### Zero fatalities

### Lower injury frequency rates<sup>1</sup>

#### New milestones reached





### Mogalakwena

11 years fatality free

#### Amandelbult

>2 years fatality free

#### Unki

12 years fatality free

#### Mototolo

12 years fatality free

### Infrastructure partnership and collaboration

### Energy security



NECOM<sup>2</sup> support: Joint working platform between government, Eskom and business

Embedded solar projects underway

Partnership with Envusa Energy for long-term security

### Community water supply and sanitation



15 water security and supply projects across operations

Olifants Management Model 'source to tap' project underway

~ 7.2 million litres per day of potable water supplied across ~ 70 communities

Operational performance



### Overview

Mogalakwena

461 koz PGM (-10%)

49% EBITDA margin

Mototolo

146 koz PGM (+2%)

45% EBITDA margin

Amandelbult

299 koz PGM (-13%)

30% EBITDA margin

Unki

121 koz PGM (+2%)

31% EBITDA margin



# Mogalakwena H1 performance



### YTD performance

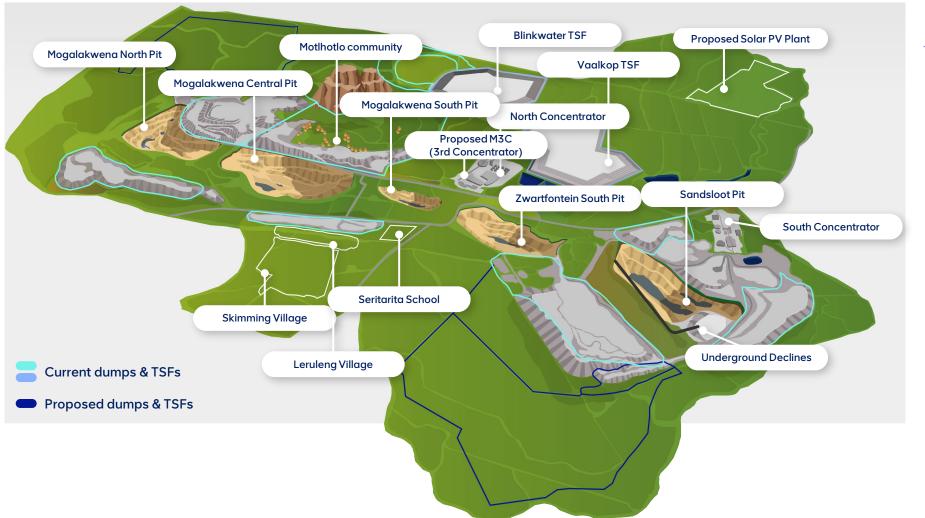
		H12023	Var % H1 2022
Tonnes milled	Mt	6.8	+1%
Grade	g/t	2.6	-10%
PGM oz	koz	461	-10%
Load curtailment (ore stocks equivalent)	koz	13	-

### Grade update

- A new One Model approach was introduced in Q4 2022
- Confident in reconciliation to actuals for H1
- Guidance remains

Built-up head grade is expected to be between 2.7 grams per tonne (g/t) and 2.9 g/t for 2023 to 2025

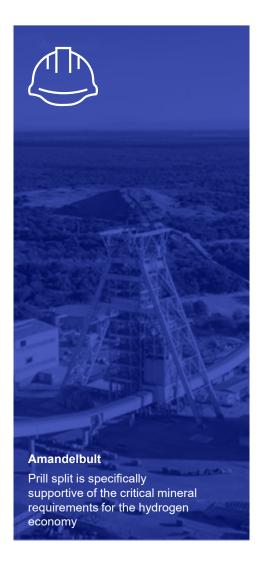
# Mogalakwena setting up for the next ~50 years, creating a platform from which to deliver maximum value



### Future of Mogalakwena

- 1. Resource development plan
- 2. Operational efficiencies
- 3. Concentrator capacity
- 4. Downstream processing
- 5. Technology & innovation
- 6. Social compact

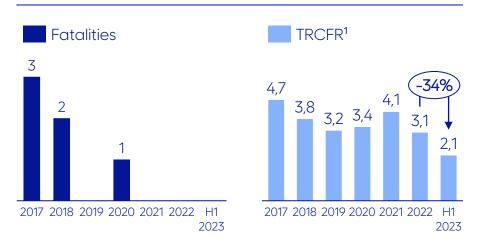
### Amandelbult H1 performance



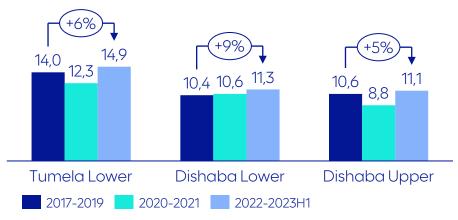
### YTD performance

		H12023	Var % H1 2022
Tonnes milled	Mt	2.1	-24%
Grade	g/t	4.2	+4%
PGM oz	koz	299	-9%³
Load curtailment (ore stocks equivalent)	koz	15	-

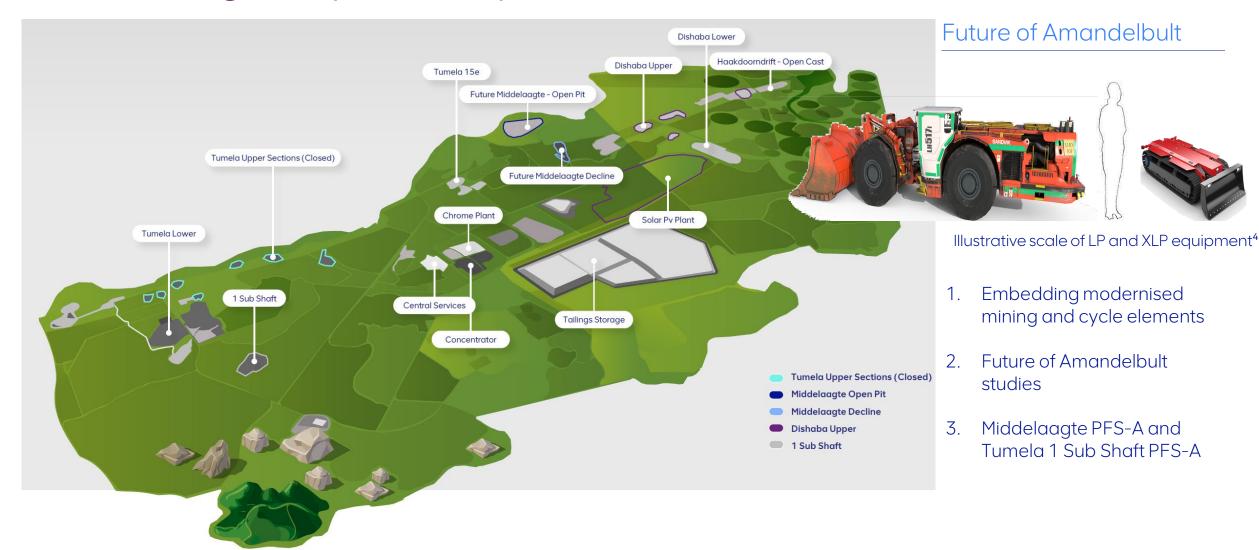
### Modernisation journey



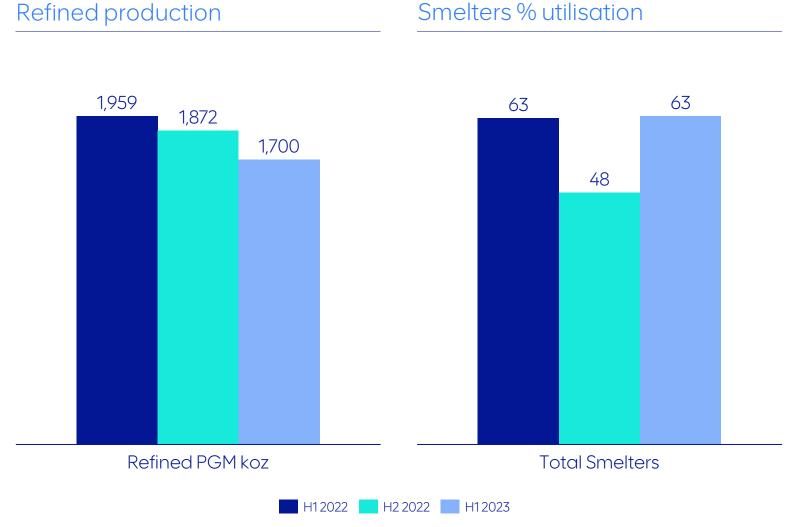
#### m<sup>2</sup> per total employee (cycle mining included)



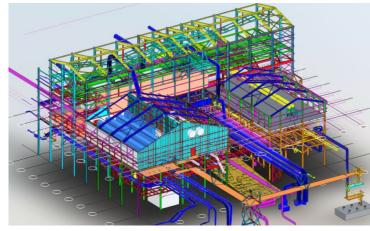
### Delivering the pathways to the Future of Amandelbult



# Asset integrity in our processing operations



### Long term stability



Waterval Smelter digital stress zone model

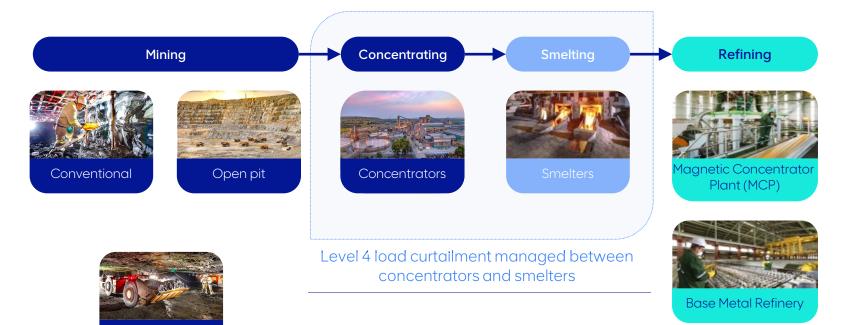
The life and stability of our processing assets must match the requirements of our life of mines

The right work is happening to create valuable integrity in our business

### Load curtailment – prioritising stable operations

### Proactively managing the value chain

Mechanised







#### Load curtailment impact

Mining operations have not been impacted

Collaboration with Eskom to ensure stability

Agility in overlaying maintenance days to curtailment days

Total impacted days 42 (~50% L4 @ 100MW)

Deferred 66.4 PGM koz in H1

- 29.6 PGM koz in ore
- 36.8 PGM koz in concentrate
- minimal lost ounces

Full year impact ~ 3%-3.5%

# Finance performance



### Financial performance in 2023

Dollar PGM basket price

**EBITDA** 

Mining margin

\$1,885

R13bn

42%

ROCE

Net cash

H1 2023 dividend declared

30%

R24bn

R3bn

R12 per share/40% pay-out

### EBITDA and margins

### EBITDA (Rand billion)



### PGM rand basket price

~R34,800/ PGM ounce 15% down on H1 2022

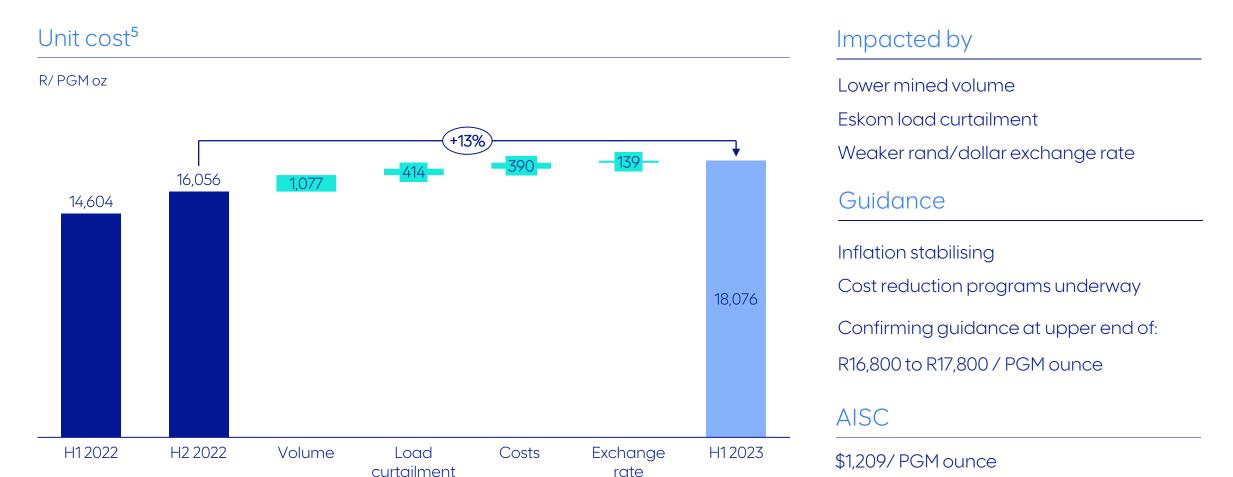
#### Sales volumes

1.8 million ounces - in line with refined production

### Mining EBITDA

R18 billion

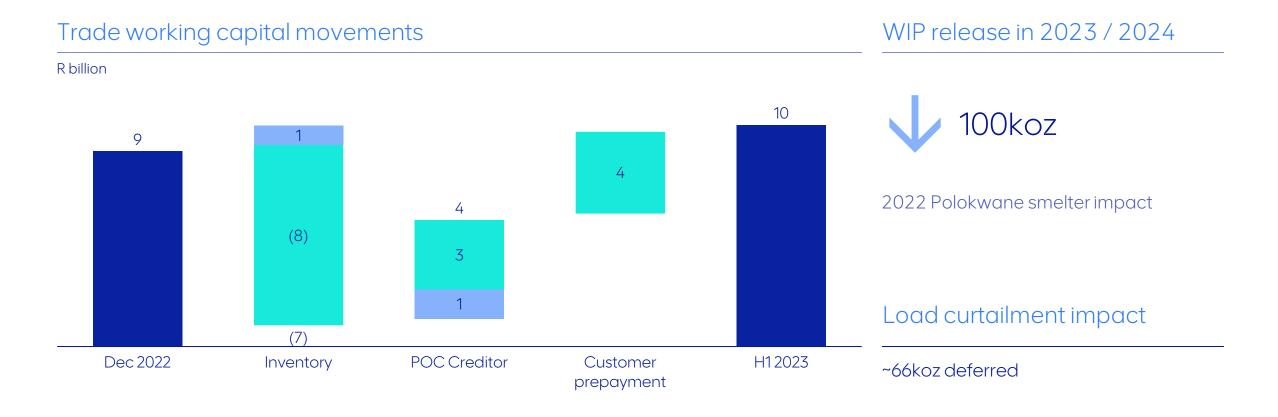
### Higher unit cost driven by lower volumes and cost increase



Price & FX

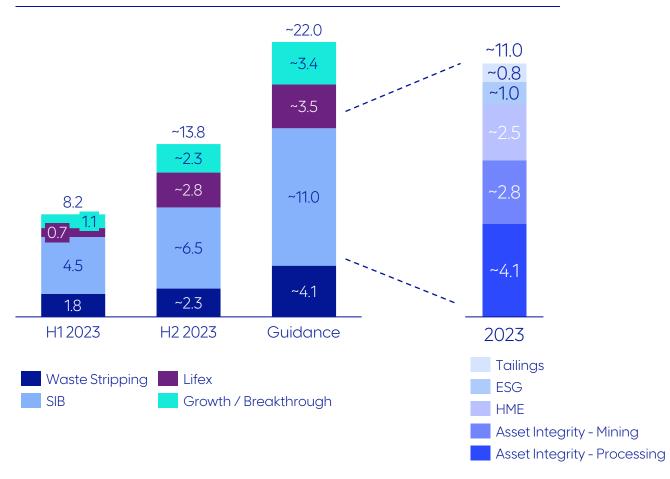
Volumes & other

# Working capital increase impacted by price



### Continuing to invest in sustaining the business

### Total Capital (Rand billion)



### 2023 Half year capital focus

#### Stay in Business

Capital maintenance - furnace rebuilds Mogalakwena HME Tailings Facilities - achieving GISTM Compliance

#### Life extension

Progressing Mototolo/Der Brochen project

#### Growth / Breakthrough

Mogalakwena Twin Declines exploration

### Returns to shareholders

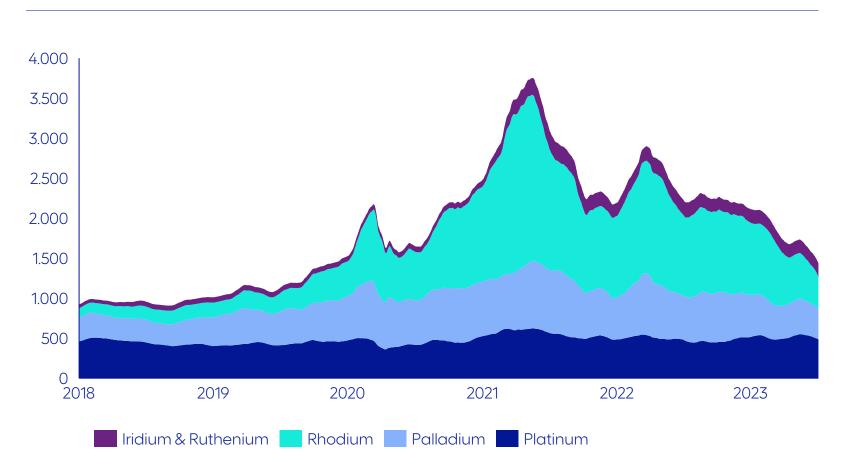


# Market performance



### PGM basket price falls, more balanced across 3E

#### PGM prill split in US\$ PGM basket price<sup>6</sup>



PGM basket price normalising

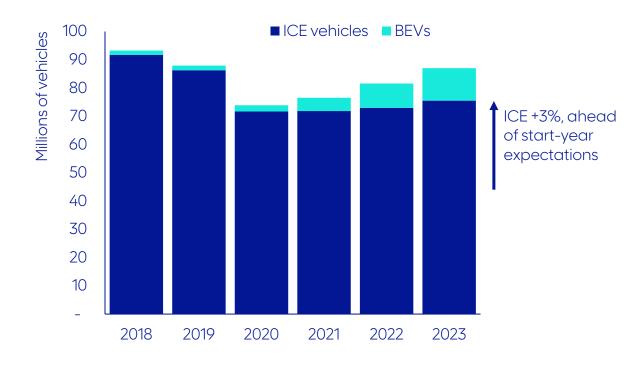
Rhodium decline means now more balanced with platinum and palladium

Minor PGMs continuing to make sizeable contributions

## Auto production, including ICE rising

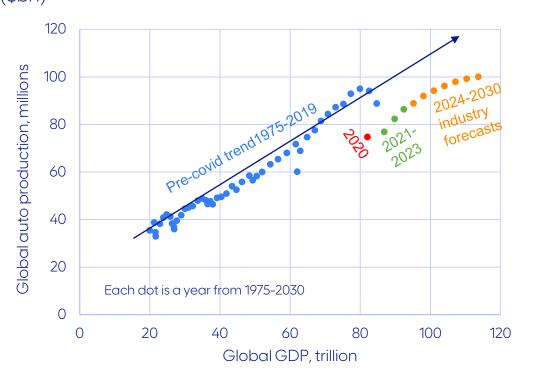
#### ICE vehicle production still rising<sup>7</sup>

#### Global light vehicle production



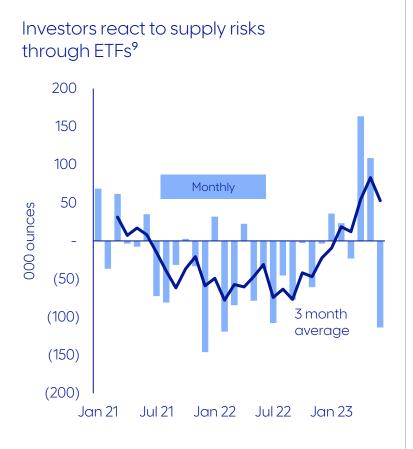
### Room for car production to surprise on upside<sup>8</sup>

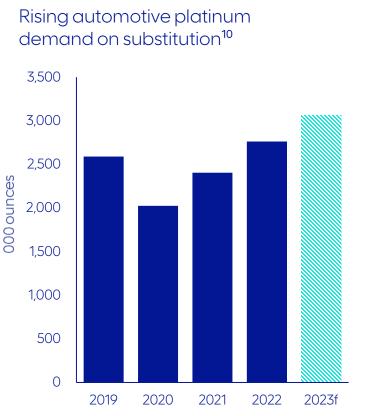
### Global car production v global GDP (\$bn)

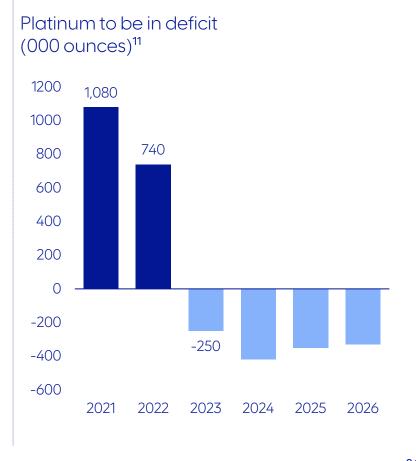


### Platinum

### Price swings on supply concerns, but rising automotive demand means deficits expected

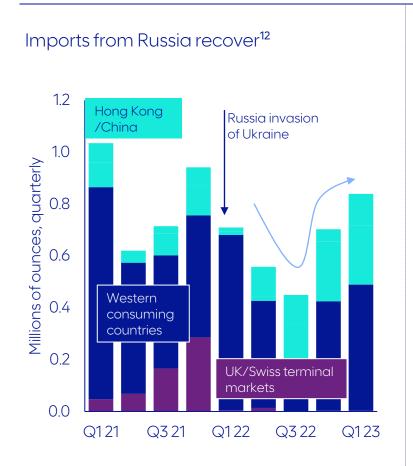




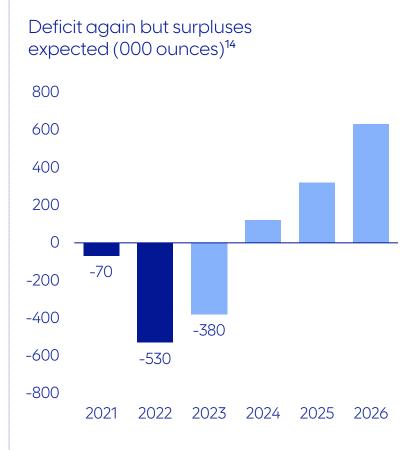


### Palladium

#### Price falls on recovering flows and speculative shorts. Market still in deficit but surpluses expected

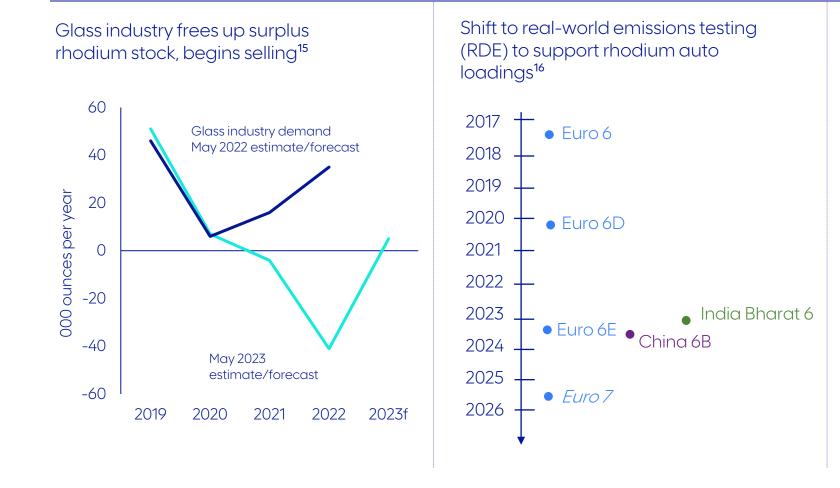


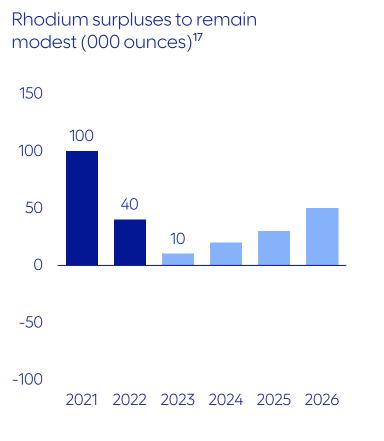




### Rhodium

### Glass industry sales knock price and cause surplus but robust automotive demand remains modest





### Hydrogen – it matters

PGMs used, or potentially used, in many hydrogen processes<sup>18</sup>







#### Production, conversion

- Green hydrogen
- Blue hydrogen
- Electrochemical compression
- Fuel processing
- Synthetic fuels / chemicals

#### Transportation, storage

- Liquid organic hydrogen carriers
- Green / Synthetic carriers
- Liquefaction
- Metal hydrides

#### End-use

- Fuel cells
- Hydrogen / NH3-gas turbines
- Green chemicals
- Synthetic fuels
- Purification
- Sensing
- Emissions abatement

# Strategic performance



# It's about the building blocks...

Metrics	2030 Target	Achieved
Mechanised and modernised operations % of own-mine PGM production	100%	88%
Cost curve position (out of 4 mines)	All mines in H1	2 out of 4
Mining EBITDA margin %	~35 - 40%	42%
ROCE %	~25 - 35%	30%
Community jobs support	5 jobs off site for every on site	6 jobs (induced)
Net reduction in CO <sub>2</sub> emissions % off 2016 baseline	30% reduction	5%



# Thank you



# Anglo American Platinum 2023 Interim Results

Q&A



# Appendix



### Developing the Future of Mogalakwena

**Communities** – creating trusting Resource development plan relationships and valued optimize resource partnerships development including underground opportunities Operational efficiencies (P101) Integrated Operational efficiencies – Technology & innovation six key optimize mine plan and develop and deploy technology operational performance workstreams Downstream processing - utilise Concentrator capacity - design downstream processing to and build the concentrator of maximise value the future

### ESG ratings score summary and Accolades



### Tailings dam management

#### Tailings storage facilities (TSF)



A TSF is a structure specifically engineered and tailored to deal with the physical nature of the tailings materials, as well as local climate, topography and seismic activity.

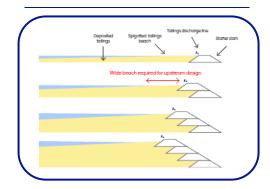
A TSF's purpose is to receive deposits of tailings and allow water to separate from the fine waste particles – either naturally or through a mechanized process – so that the water can be recycled back into mining processes.

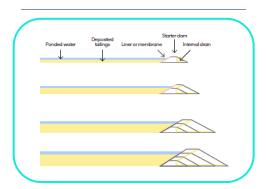
Note that a TSF is defined as a single facility that can consist of multiple contiguous tailings dams, stacks, in-pit deposits or a combination of these. A tailings dam is defined as an above-ground structure that contains tailings deposited as a slurry.

#### Tailings dam construction

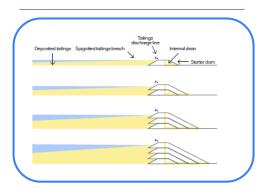
There are six fundamental types of tailings dams using different methods

Upstream





#### Centreline



#### Other

Downstream

Hybrid

Landform

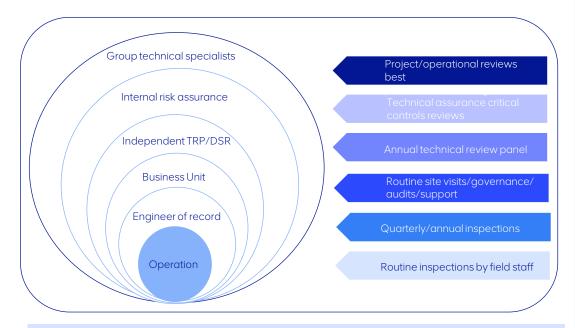
Water Retaining

For more information on Anglo American's technical standard visit: <a href="https://www.angloamericanplatinum.com/sustainability/managing-tailings-safely">https://www.angloamericanplatinum.com/sustainability/managing-tailings-safely</a>

### Tailings dam management

#### Our Technical standard

We continue to work towards aligning with GISTM



Healthy environment Thriving communities Trusted corporate leader

#### Global Industry Standards Tailings Management (GISTM)

GISTM conformance protocols – six areas, 77 requirements using 219 criteria







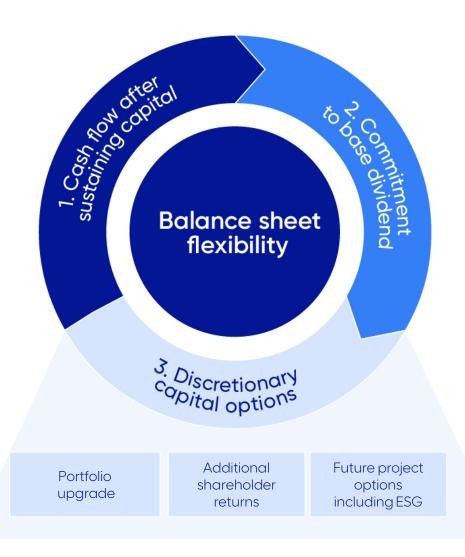


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### Market development size of the prize

Focus Applications PGM's used Potential incremental ounces to the market Pt ~2 to ~5 Mn oz p.a. Green Green H<sub>2</sub> & Mobility **Transition** If FCEV captures 5-10% market share of global car sales & Battery & Storage Pd-using BEV captures another 25-50% Carbon-neutral feedstock Pt Ru ...in addition to existing demand from catalytic converters Several Mn oz p.a. Low-Loss Computing Pt Pd Ru Ir Uptake from high performance computing (e.g., data Modern Life centres) to consumer electronics to managing waste and Waste & pollution control pollution FoodTech Pt Pd Ru Applications in pharmaceutical + consumer healthcare MedTech Pt Os Considerable market opportunity Going beyond bridal, especially to capture white gold Wealth & Jewellery market share Luxury Building strong fundamentals to attract platinum as an Investment investment

### Disciplined capital allocation framework





R7bn

2023 sustaining capital

R3bn

2023 H1 dividend declared

R<sub>1</sub>bn

2023 expansion/breakthrough capital

### Contribution to society of R46 billion

Taxes and royalties

Local procurement

Increasing contribution to stakeholders and society

R3bn

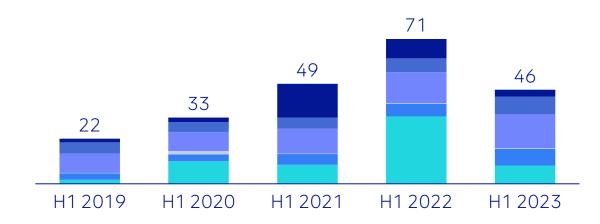
R17bn

Rand billion

Salaries and wages

Social investment

R190m



Capital investment

Dividends

R8bn

R9hn

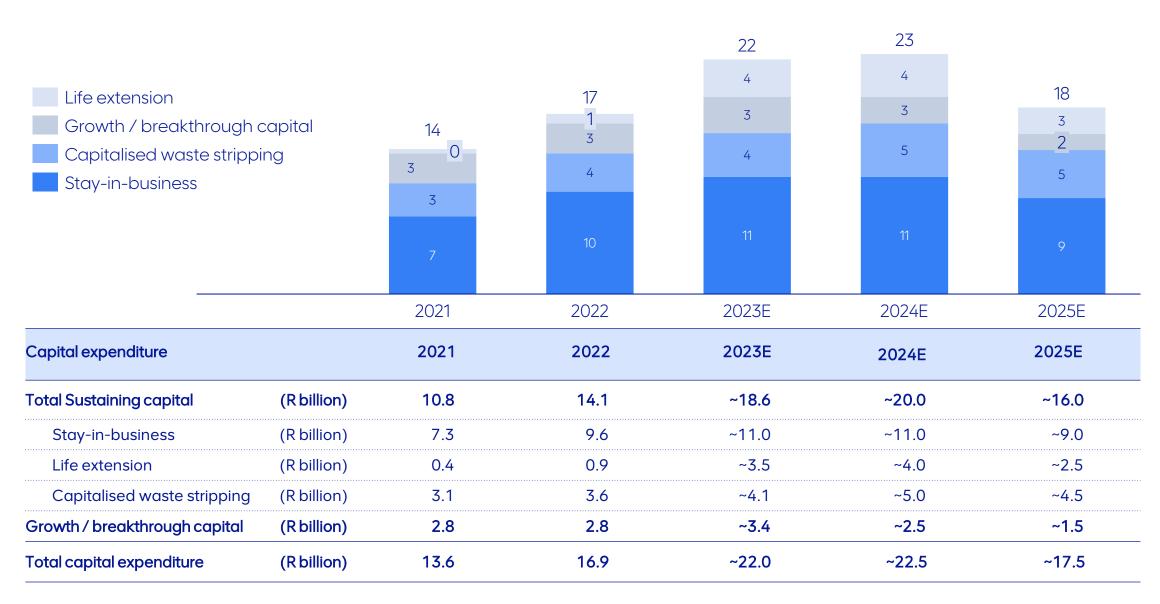
R9hn



# Three-year guidance

	Unit	2023E	2024E	2025E
Metal-in-concentrate (M&C)				
Total PGMs	(m ounces)	3.6 – 4.0	3.6 – 4.0	3.5 – 3.9
Platinum	(m ounces)	1.65 – 1.85	1.65 – 1.85	1.6 -1.8
Palladium	(m ounces)	1.15 – 1.25	1.15 – 1.25	1.1 – 1.2
Other PGMs and gold	(m ounces)	0.8 – 0.9	0.8 – 0.9	0.8 -0.9
Refined production				
Total PGMs	(m ounces)	3.6 – 4.0	3.6 – 4.0	3.3 -3.7

## Sustaining capital expenditure guidance



# Three-year guidance

	Unit	2023E	2024E	2025E
Metal-in-concentrate (M&C)				
Total PGMs	(m ounces)	3.6 – 4.0	3.6 – 4.0	3.5 – 3.9
Platinum	(m ounces)	1.65 – 1.85	1.65 – 1.85	1.6 -1.8
Palladium	(m ounces)	1.15 – 1.25	1.15 – 1.25	1.1 – 1.2
Other PGMs and gold	(m ounces)	0.8 – 0.9	0.8 – 0.9	0.8 -0.9
Refined production				
Total PGMs	(m ounces)	3.6 – 4.0	3.6 – 4.0	3.3 -3.7
Unit cost		R16,800 - R17,800		
Capex		~22.0	~22.5	~17.5

# EBITDA sensitivity

Sensitivity analysis - 2023	30 June 2023 spot	Average realised	EBITDA Impact of 10% change in price/FX		
Commodity / unit					
Platinum (\$/oz)	906	1,008	2,069		
Palladium (\$/oz)	1,230	1,532	2,772		
Rhodium (\$/oz)	4,700	9,034	2,483		
Gold (\$/oz)	1,915	1,966	229		
Nickel (\$/ton)	20,458	23,876	615		
Copper (\$/ton)	8,177	8,571	182		
Chrome (\$/ton)	285	274	365		
Currency					
South African rand	18.85	18.34	8,714		

## Net cash flow by mine

Assets	5 I December	Cash generated from operations	SIB & waste capital	Economi c free cash flow	Project capital *	Deferred consideratio n	Tax paid	Effect of Exchange rate changes on cash	Dividends paid	Other	Net cash 30 June 2023
Mogalakwena		7,074	(4,129)	2,945	(763)						
Amandelbult		4,212	(396)	3,817	(283)						
Mototolo		2,071	(269)	1,802	(468)	(2,126)					
Unki		962	(349)	613	(96)	17					
Joint operations Mined		2,714	(444)	2,270	(15)						
3rd Parties		4,629	(585)	4,044	(114)	3,734					
Other		(5,730)	(215)	(5,945)	(86)		(2,503)	2,165	(9,002)	(3,907)	
	27,845	15,931	(6,387)	9,544	(1,824)	1,625	(2,503)	2,165	(9,002)	(3,907)	23,943

<sup>\*</sup> Project capital: Life extension, Breakthrough and Growth capital

### Cost breakdown

2023	Cost base (Rbn)	Volume %	PGMs (koz)	Labour	Contractors	Utilities Cor	nsumables Ma	aintenance	Sundry expenses
Opencast Mining	4.8	41%	469	15%	5%	2%	35%	32%	11%
Conventional Mining	4.9	32%	392	37%	9%	7%	20%	18%	9%
Mechanised Mining	5.3	27%	314	53%	4%	8%	15%	9%	11%
Concentrating	4.4			15%	1%	21%	24%	26%	13%
Processing	6.6			21%	1%	23%	17%	18%	20%
Total	26.0	100%	1,175	28%	4%	13%	22%	20%	13%
2022	Cost base (Rbn)	Volume %	PGMs (koz)	Labour	Contractors	Utilities Co	nsumables Mo	aintenance	Sundry expenses
									САРСПЗСЗ
Opencast Mining	3.9	40%		15%	7%	2%	39%	28%	9%
Opencast Mining Conventional Mining	3.9 4.3	40% 32%	528 415	15% 39%			39% 23%	28% 17%	
Conventional			528		7%	2%			9%
Conventional Mining Mechanised	4.3	32%	528 415	39%	7% 9%	2% 6%	23%	17%	9% 6%
Conventional Mining Mechanised Mining	4.3 5.0	32%	528 415	39% 55%	7% 9% 5%	2% 6% 8%	23% 16%	17% 8%	9% 6% 8%

# Rand basket price

		Mogalakwena	Amandelbult	Mototolo	Unki	Joint operations	Mining	POC/Other	Company (ex-trading)
	Net sales revenue (US\$ million)								
	from platinum	188	154	60	49	77	528	292	820
	from palladium	349	119	63	69	83	683	237	920
	from rhodium	127	242	88	40	119	616	349	965
	from other metals	228	156	36	58	46	524	232	721
а	Total revenue	892	671	247	216	325	2,351	1,110	3,426
	Sales volume (000 ounces)								
b	platinum ounces sold	182	150	58	47	74	511	282	793
	other PGMs sold	280	159	76	62	97	674	340	1,014
С	Total PGMs sold	462	309	134	109	171	1,185	622	1,807
	US\$ Basket prices								
$d = a \div c \times 1,000$	US\$ basket price per PGM ounce	1,930	2,174	1,847	1,977	1,895	1,983	1,784	1,885
e = a ÷ b x 1,000	US\$ basket price per platinum ounce	4,894	4,485	4,246	4,590	4,387	4,599	3,939	4,297
f	US Dollar/ZAR exchange rate	18.34	18.34	18.34	18.34	18.34	18.34	18.34	18.34
	Rand Basket prices								
g = dxf	Rand basket price per PGM ounce	35,396	39,870	33,869	36,264	34,751	36,374	32,719	34,764
$g = e \times f$	Rand basket price per platinum ounce <sup>21</sup>	89,766	82,261	77,879	84,197	80,474	84,354	72,254	79,252

# All in sustaining cost (AISC)

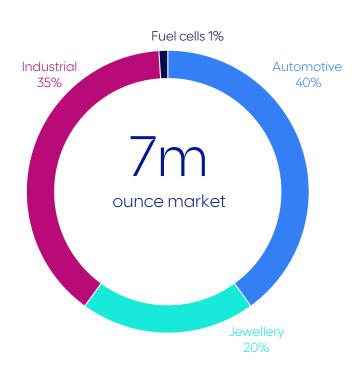
		Mogalakwena	Amandelbult	Mototolo	Unki	Modikwa	Kroondal	Mining excl other
	Costs (US\$ million)							
	Cash operating costs	444	328	121	125	75	94	1,187
	Other costs and marketing	72	110	16	41	7	5	251
	Capitalised waste costs	100	_	_	_	_		100
	Stay-in-business capital	125	33	15	18	16	8	215
а	Total Cost	741	471	152	184	98	107	1,753
	Total revenue excluding PGM revenue (US\$ million)							
b	Base and other metals	165	97	9	36	9	5	321
c = a-b	All-in sustaining costs	576	374	143	148	89	102	1,433
d	PGM ounces sold	462	309	134	109	66	105	1,185
e = c x 1,000	0 ÷ d US\$ AISC / PGM oz sold	1,247	1,211	1,069	1,359	1,345	971	1,209
	Average PGM price achieved (\$)	1,573	1,861	1,783	1,643	1,812	1,820	1,713
	Realised \$ cash margin/PGM ounce sold	326	650	714	284	467	849	505

## Simplified EBITDA per PGM ounce

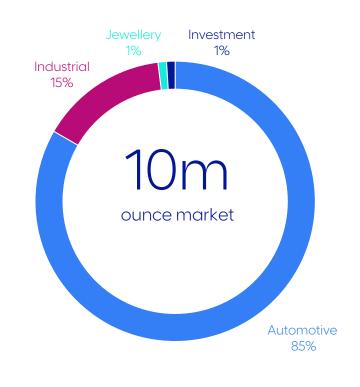
(R million)		Mogalakwena	Amandelbult	Mototolo	Unki	Attributable joint operations share	Exit and C&M mines	Mined	POC & toll	Trading	Other	Company	Company – (ex trading)
a = (b x c)/1000 + d	Net revenue	16,360	12,312	4,533	3,956	5,960	-	43,121	21,103	453	-	64,677	64,224
b	Basket price per PGM ounce	35,396	39,870	33,869	36,263	34,752		36,374	32,719	219		69,313	
C	PGM ounces sold	462	309	134	109	171		1,185	622	2,065		3,873	1,807
	Other revenue								755			640	755
e = (f x g)/1000 + h	Cash operating costs	8,080	5,978	2,202	2,258	3,077	72	21,667	16,127	3		37,797	37,794
f	Cash operating cost / PGM oz	17,512	20,631	15,068	18,596	18,066		18,077					
g	PGM ounces produced	461	290	146	122	170	10	1,199	646				
	POC and toll costs								16,127				
i = (j + k + l + m + n)	Other costs	330	2,586	278	491	293	(755)	3,222	9,273	-	940	13,435	13,435
j	- Metal inventory	(861)	702	(13)	(281)	165	_	(288)	8,917	_		8,630	8,630
k	- Other costs	820	1,170	187	619	(28)	(755)	2,013	356		241	2,610	2,610
1	- Royalties	371	308	104	153	137	-	1,073	-			1,073	1,073
m	- Chrome		406			18	-	424				424	424
n	- Market and development costs										699	699	699
o = (e + i)	Total costs	8,410	8,564	2,480	2,749	3,369	(683)	24,889	25,400	3	940	51,232	51,229
p = (a - o)	EBITDA	7,950	3,748	2,053	1,207	2,591	683	18,232	(4,297)	450	(940)	13,445	12,995
q = (p ÷ a)	EBITDA margin	49%	30%	45%	31%	43%	0%	42%	(20%)	99%		21%	20%

# PGM demand by segment - 2022<sup>22</sup>

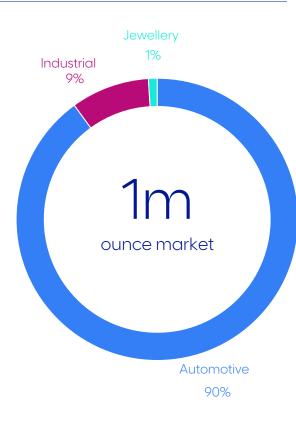
#### Platinum



#### Palladium

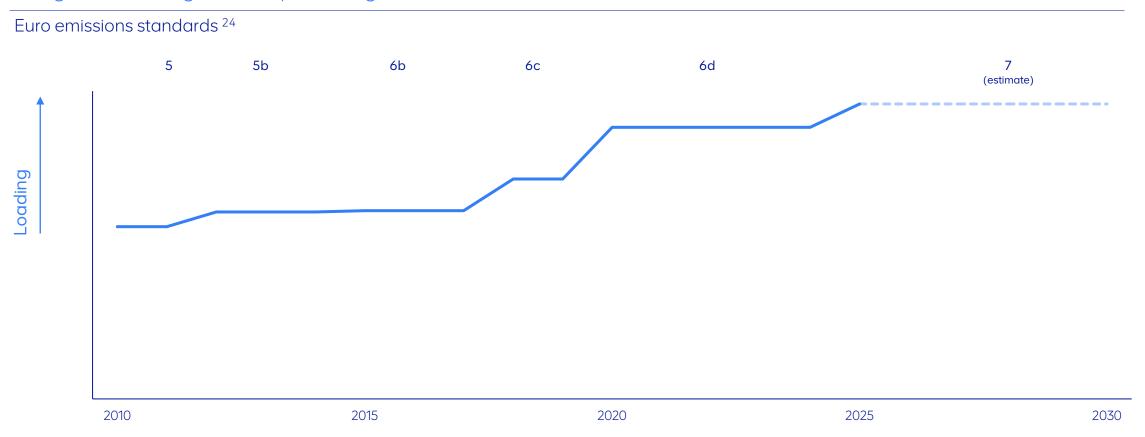


#### Rhodium



# Medium term: auto PGM demand driven by tighter emissions legislation

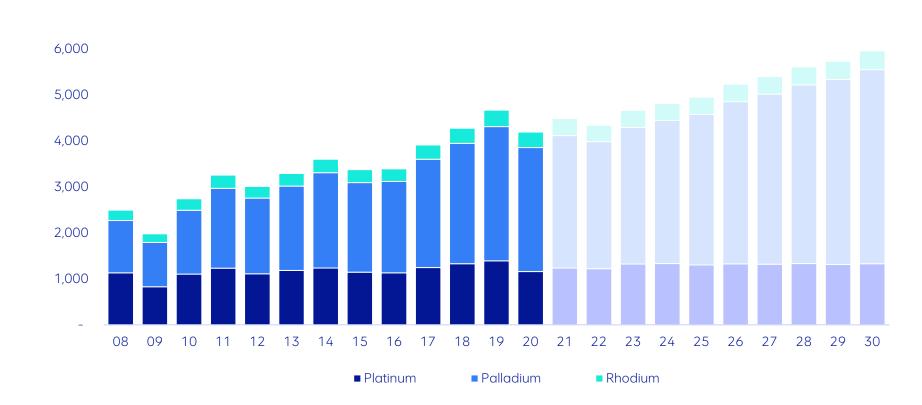
Rising PGM loadings – example Euro gasoline LDV<sup>23</sup>



# Secondary supply – rising trend mainly from palladium

Projected autocatalyst recycling volume<sup>24</sup>

(000 ounces per annum)



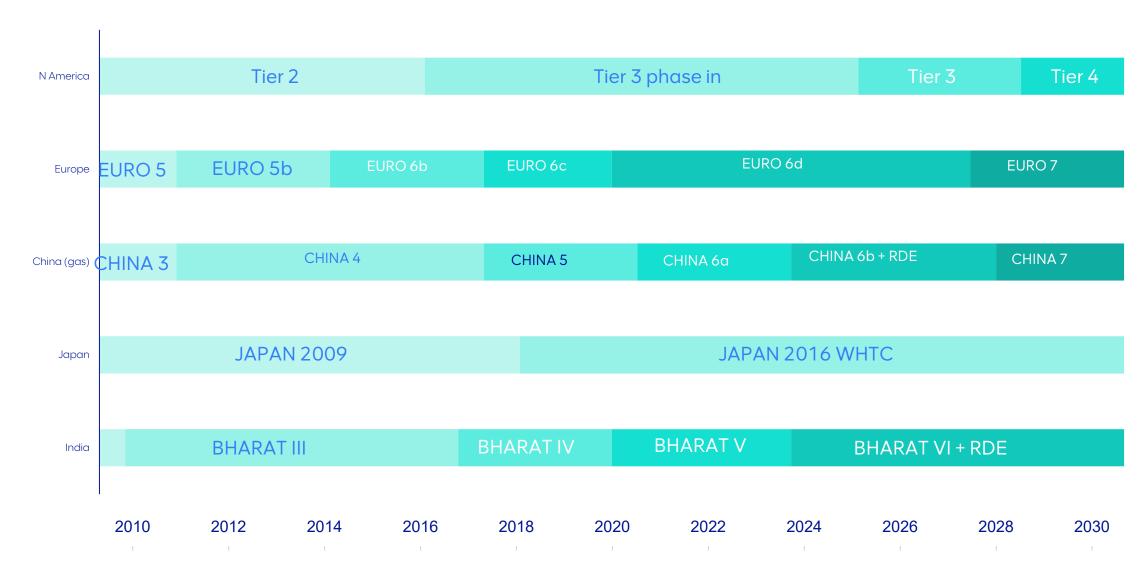
Autocatalyst recycling volumes set to increase as scrapped cars have higher loadings

Well-established trends expected to continue mature autocat recycling market

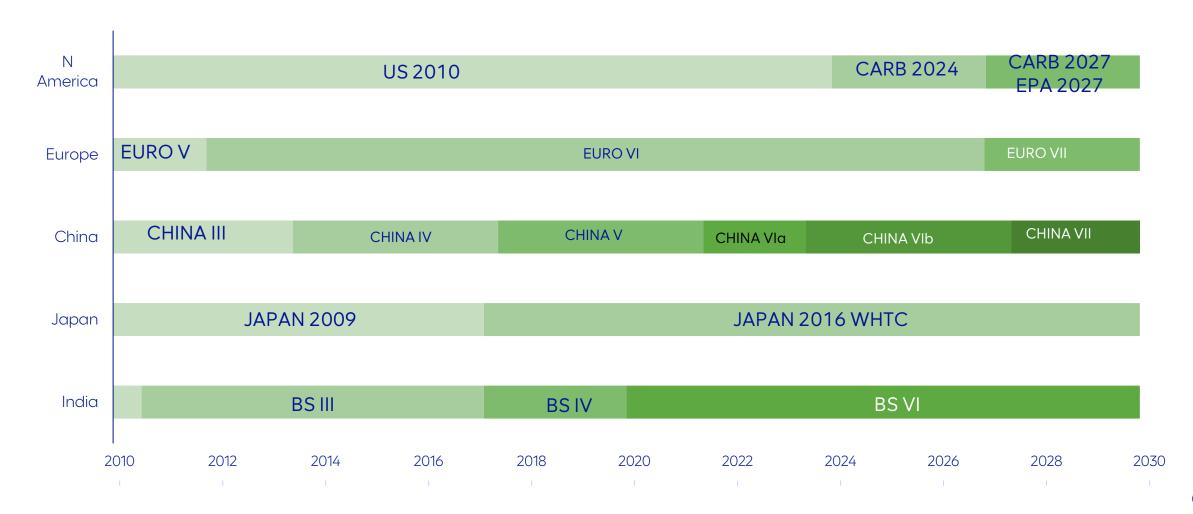
Palladium volumes will grow fastest, reflecting demand patterns in mid-2000s

Covid-19 led to fewer cars scrapped in 2020; chip shortage stymied recovery in 2021/2022 but rising again from 2023

# Outlook for global emissions regulation – light duty<sup>25</sup>



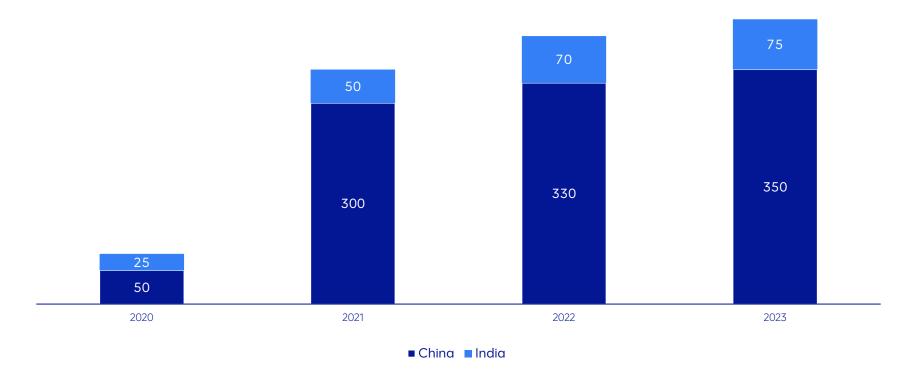
# Outlook for global emissions regulation – heavy duty<sup>26</sup>



### Truck demand – a platinum growth area

Heavy-duty PGM automotive demand in China and India<sup>27</sup>

000 ounces per annum



All Chinese trucks sold by 2023 will need platinumbased catalysts due to tightening emissions

Many manufacturers implementing systems earlier to meet legislation

Demand to be ~5x higher in 2023 than 2020

Indian heavy-duty trucks see similar uplift from Bharat V legislation in 2020 and real-world testing from 2023. Brazil also adopting tougher standards

#### Footnotes

- 1) Total recordable case injury frequency rate (TRCFR) is a measure of all injuries requiring treatment above first aid per 1,000,000 hours worked (slide 5, 11, 17)
- 2) National Energy Crisis Committee (NECOM) (slide 12)
- 3) PGM oz variance assessed on an infrastructure like-for-like basis by excluding closed infrastructure from the prior year (slide 17)
- 4) Low profile (LP) and extra low profile (XLP)
- 5) Unit cost reflects performance from steady-state operations i.e. excluding Amandelbult 15E ramp-up development costs (slide 24)
- 6) Calculated using 5E production share of South African mined output during 2017-2019. and market prices (slide 29)
- 7) Car production & BEV share: Anglo American own calculations using nationally available data (slide 30)
- 8) Car production v GDP: Car production 1975-2019 OICA, US Department of Transportation, 2020-2022 Anglo American, 2024-2030 average of GlobalData/S&P Globa.l. GDP historical World Bank, forecast based on 3% real growth (slide 30)
- 9) ETFs: Anglo American calculations from company data (slide 31)
- 10) Automotive Platinum demand: JM public reports (slide 31)
- 11) S&D balance: JM public reports until 2022, thereafter Anglo American forecasts (slide 31)
- 12) Imports from Russa: Anglo American calculations using national trade data (slide 32)
- 13) Speculators: CFTC (slide 32)
- 14) S&D balance: JM public reports until 2022, thereafter Anglo American forecasts (slide 32)
- 15) Glass: JM public reports May 2022 and May 2023 (slide 33)
- 16) RDE: Based on publicly reported implementation dates. Euro 7 proposed 2025 introduction but as yet unconfirmed | Euro 6-temp introduces RDE, conformity factor 2.1; Euro 6D reduces CF to 1.43; Euro 6E CF now 1.1; Euro 7 CF 1; India Bharat 6 stage 2 introduces RDE, CF 1.43; China 6B with RDE, CF = 2.1 (slide 33)
- 17) S&D balance: JM public reports until 2022, thereafter Anglo American forecasts (slide 33)
- 18) Johnson Matthey with permission (slide 34)
- 19) Project capital: Life extension, Breakthrough and Growth capital (slide 50)
- 20) \$11 variance from Rand basket price conversion due to monthly metal Prices in dollar (slide 52)
- 21) Company Extrading calculated as  $((a \times f) / c \times 1000)$  (slide 52)
- 22) Johnson Matthey public reports (slide 55)
- 23) Johnson Matthey, Anglo American. Note, loadings averaged over period legislation was in force (slide 56)
- 24) Source: Anglo American from historical JM demand data and Anglo American Platinum future projected demand data (slide 57)
- 25) Johnson Matthey public reports (slide 58)
- 26) Johnson Matthey public reports (slide 59)
- 27) Anglo American Platinum (slide 60)