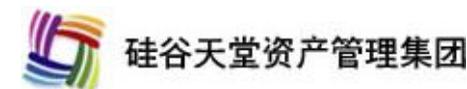


Lesego Platinum

A Futuristic Platinum Company

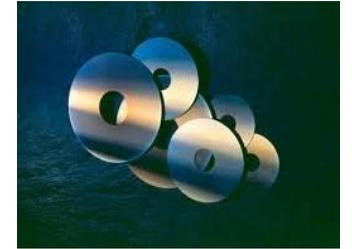
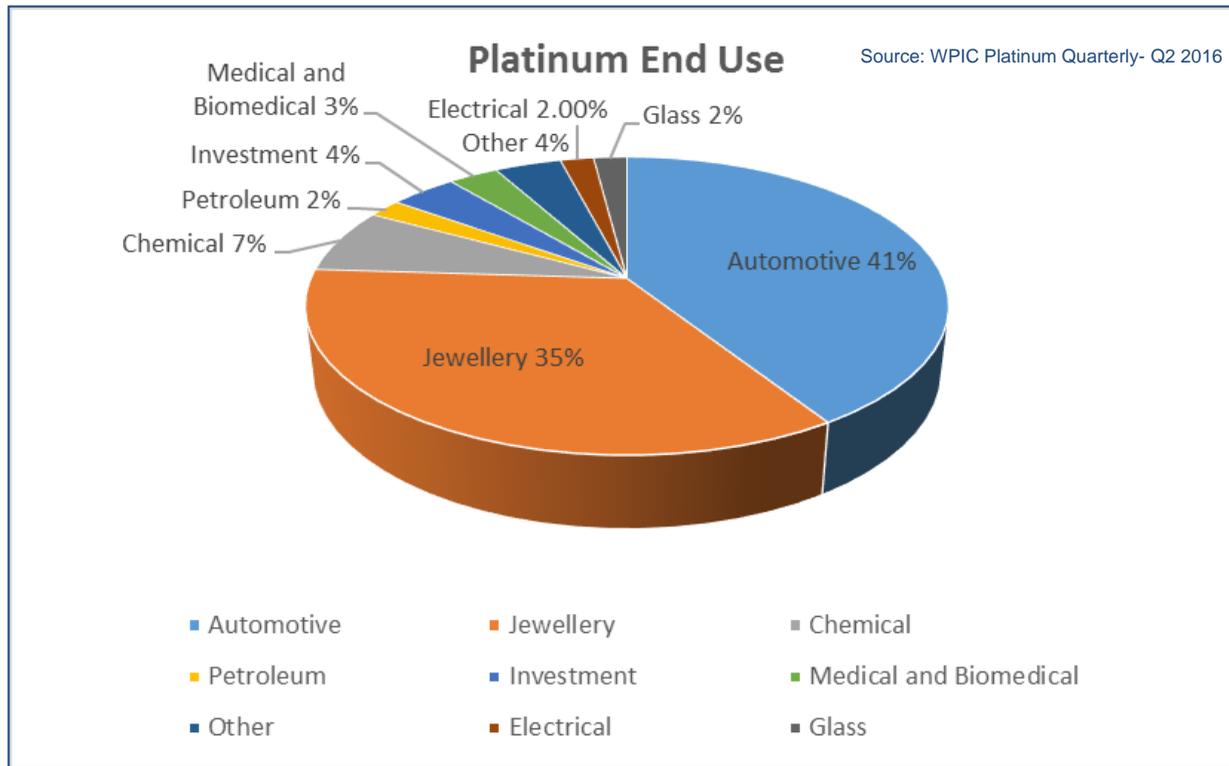
Investor Presentation

November 2017



End Use Sectors of Platinum – Wide and Strategic

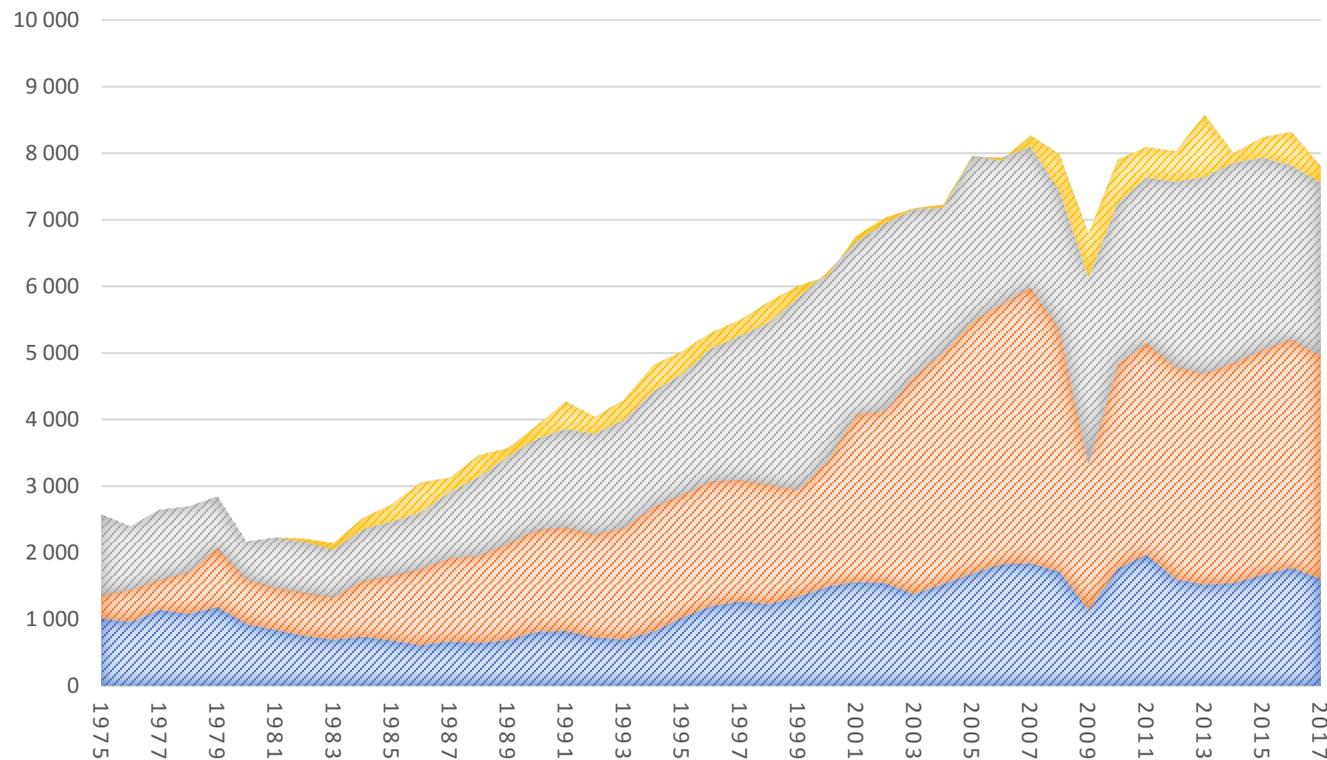
- Platinum has a wide and strategic usage for industrial, consumer market, and investment sectors.
- Platinum's end use application is irreplaceable, thanks to its unique metal characteristics.



Global Demand of Platinum

Historic demand graph indicating the long-term growth trend that was only temporarily interrupted during the financial crises of 2008 and 2009.

■ Other (Chemicals, Petroleum, Electrical, Glass, Medical & Biomedical) ■ Autocatalys (gross) ■ Jewellery ■ Investment



Believe this growth trend will continue due to:

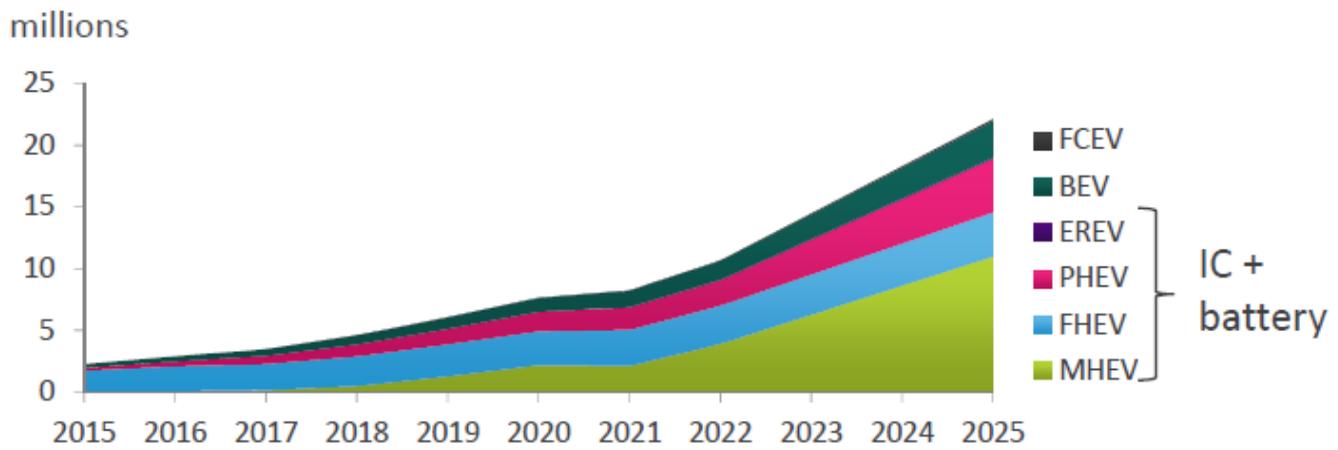
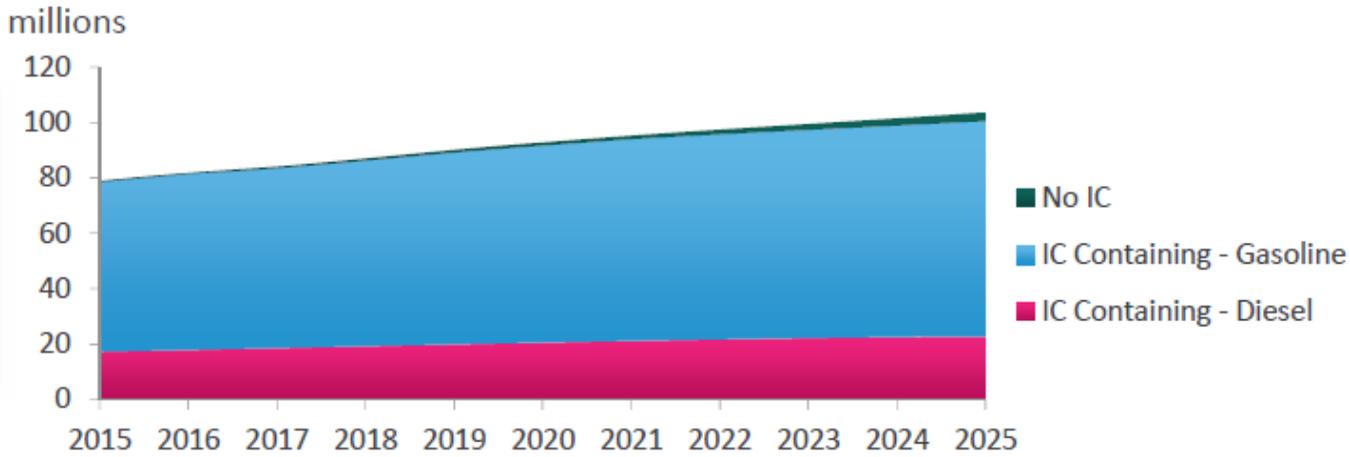
- ✓ New industrial and medical applications;
- ✓ General economic growth;
- ✓ Stricter emissions controls;
- ✓ Unlocked consumer market and investment market potential especially in emerging economies.

Demand Outlook – Fuel Cell Automobiles

In 2025 ~97% of cars still have internal combustion engines (ICE)

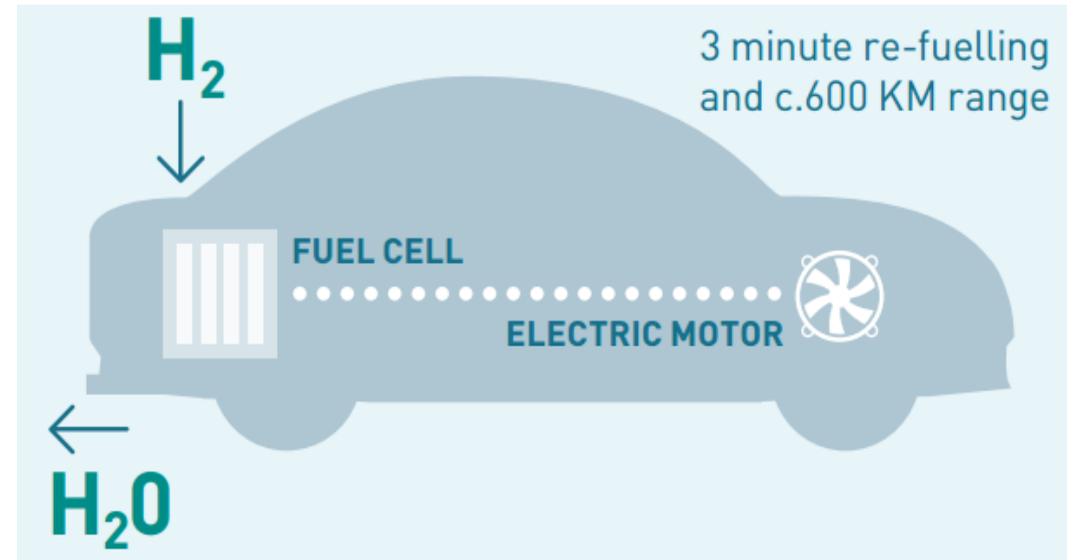
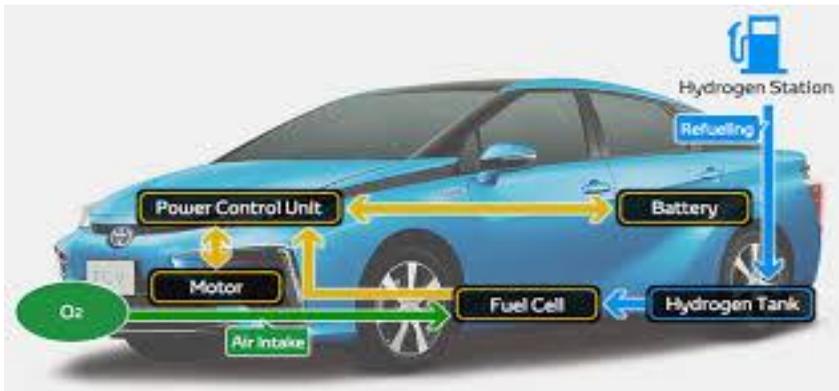
IC Gasoline 	IC Diesel 
MHEV Mild Hybrid Electric Vehicle Honda Integrated Motor Assist Buick LaCrosse EAssist 	FHEV Full Hybrid Electric Vehicle Toyota Prius Ford Fusion Hybrid 
PHEV / EREV Plug-in Hybrid / Extended Range Electric Vehicle BYD Qin / BMW i3 RE 	BEV Battery Electric Vehicle Tesla Nissan Leaf 
FCEV Fuel Cell Electric Vehicle Toyota Mirai Hyundai ix35 Fuel Cell 	

And good growth (~6% CAGR) in regulated heavy duty engines to 2025



Demand Outlook – Fuel Cell Automobiles

- Platinum has superior catalytic and conductive properties and used in fuel cells it converts hydrogen and air into water producing electricity, with zero carbon;
- Fuel cell electric vehicles (FCEV) use more than twice the amount of platinum that internal combustion engine vehicles use.



Source: WPIC drivers of demand (www.platinuminvestment.com)

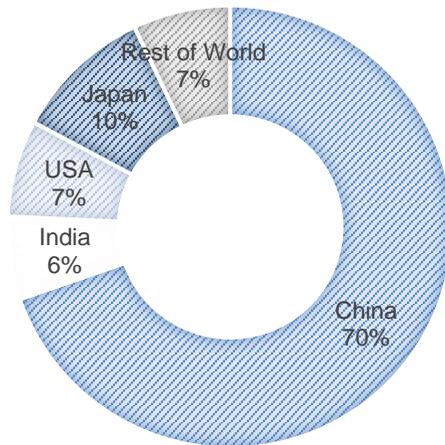
Demand Outlook - Jewellery

Jewellery demand has seen constant growth during the past several decades, with further growth to be expected from emerging economies' new middle class consumers.

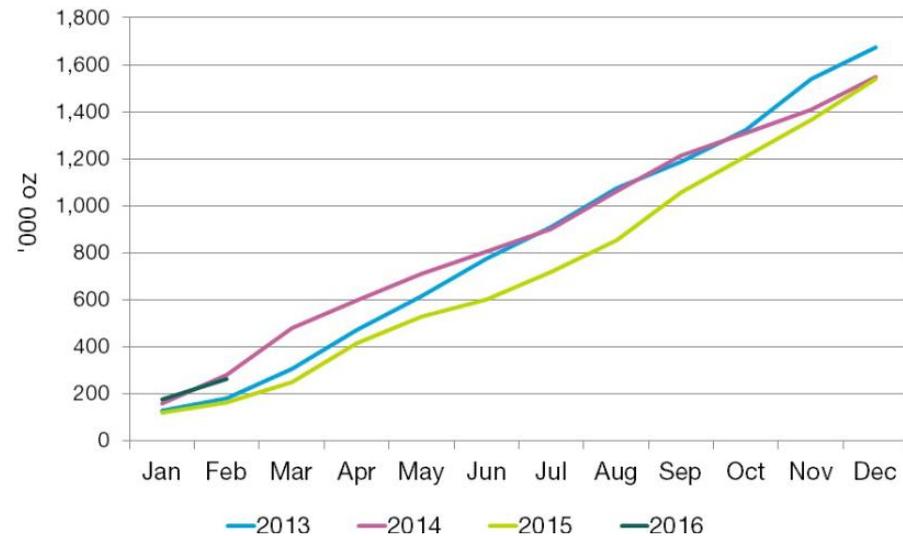
The main jewellery demand for platinum is in Asia, specifically China, representing 65% of annual demand.

- Over the past decade there has been a significant growth in the urban jewellery markets of China;
- India has also been a major driver of growth over the past 7 years.

Platinum Jewellery market share by region



Estimated cumulative annual purchasing by the platinum jewellery industry in China (net)



Source: WPIIC drivers of demand (www.platinuminvestment.com)

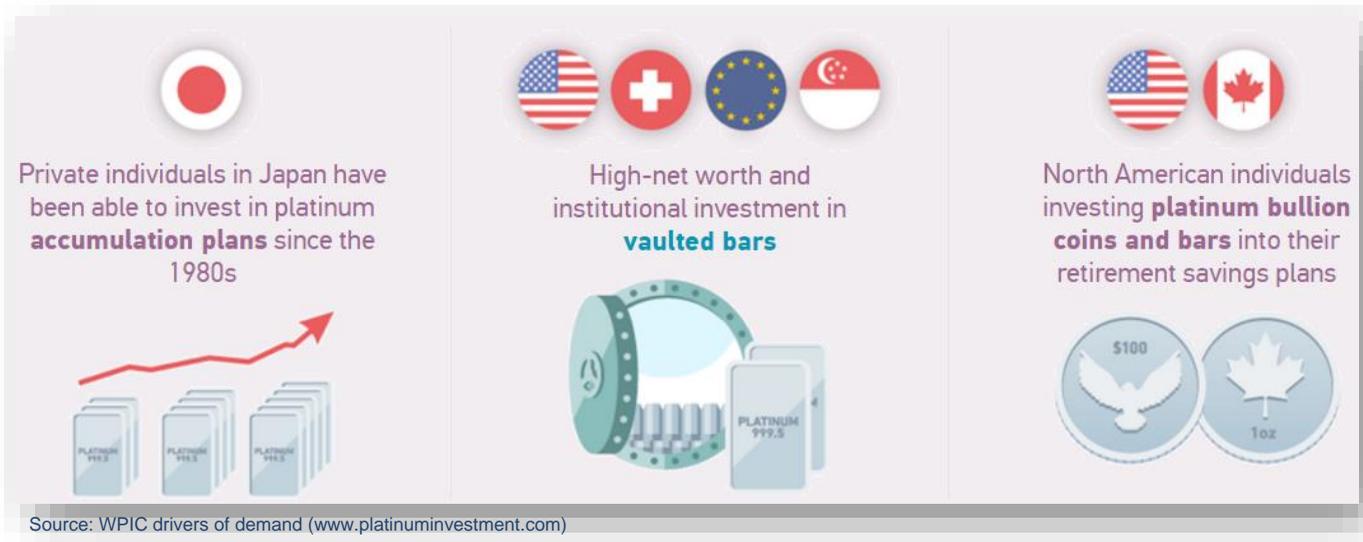
China and India being the markets with the highest growth potential

Demand Outlook - Investment

The investment demand of Platinum has been growing slowly, yet to be unlocked. The available platinum investment products and tools are still quite limited, with significant market potential.

Platinum as an investment asset can take the form of bars, coins and more modern products such as exchange traded funds (ETFs). As new investment products become available it creates additional demand.

Examples of investment products in different geographies

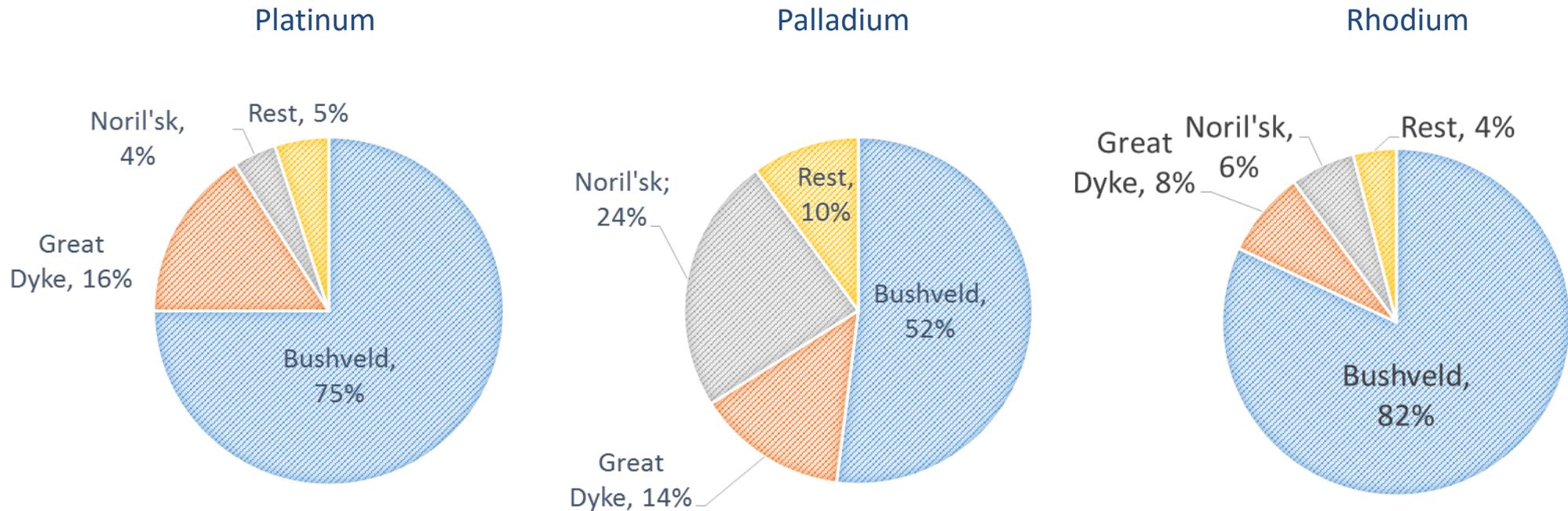


- In 2007, with the launch of platinum ETFs in Europe, a demand of 195 000 ounces was created.
- In 2013, the launch of similar products in South Africa initiated considerable buying.

Supply Constraint – Resource Concentration

The global resource of platinum is highly concentrated, with South Africa controlling the majority of the world's PGE resources, also as a dominant producer of PGE worldwide.

World resource concentration of main Platinum Group Elements

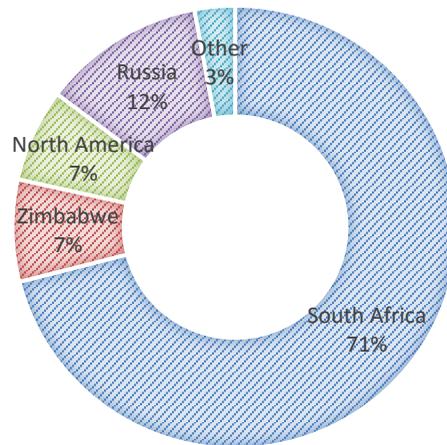


Supply Constraint – Platinum Production

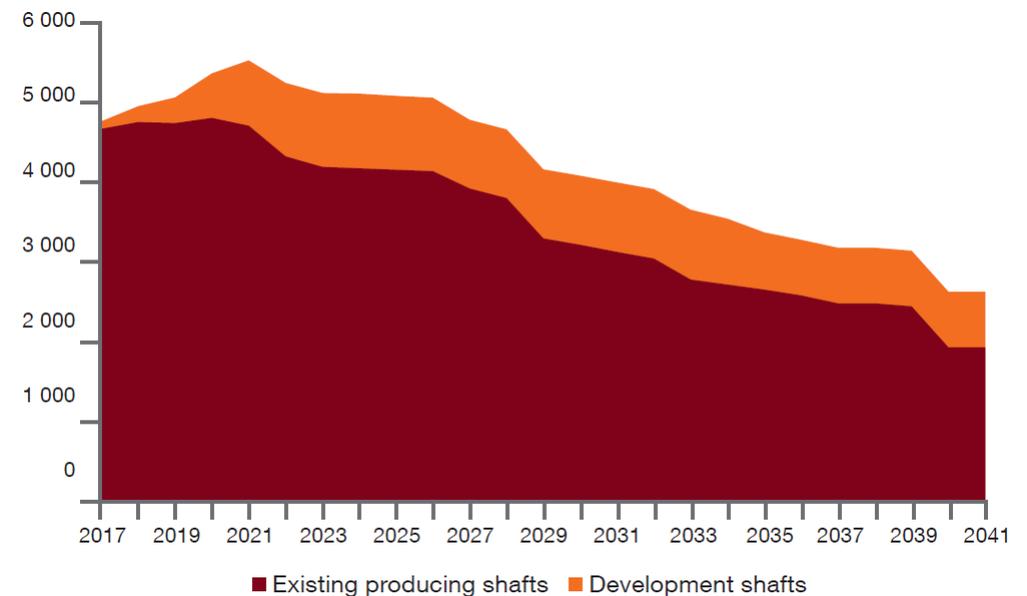
The world's production of platinum is highly concentrated in South Africa, which is facing an increasingly challenging outlook.

- South African platinum producers are facing developmental challenges, such as the increasing depths of new shafts, the greater focus on safety, lower average grade, and lower recoveries on the UG2 and Platreef.
- The cut-back on new capital expenditure in the past years will inevitably impact the future production.

Refined production by country



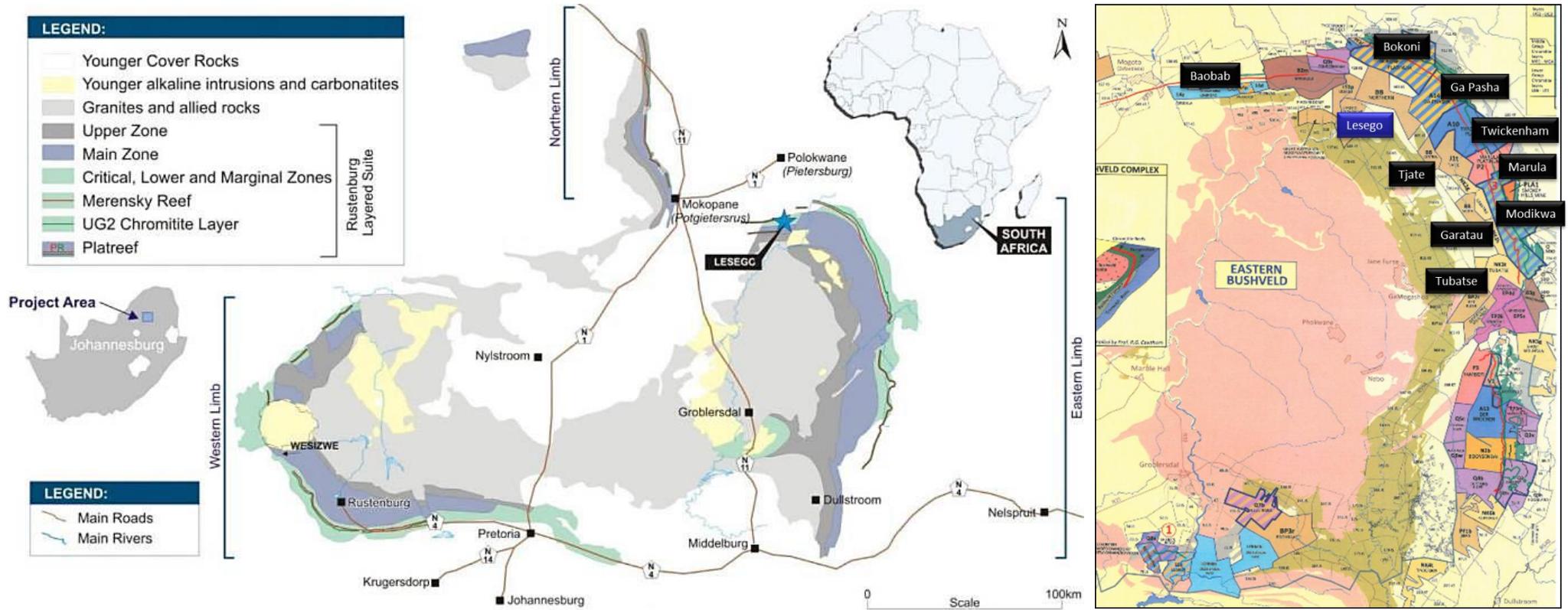
Source: WPIC Platinum Quarterly- Q2 2017



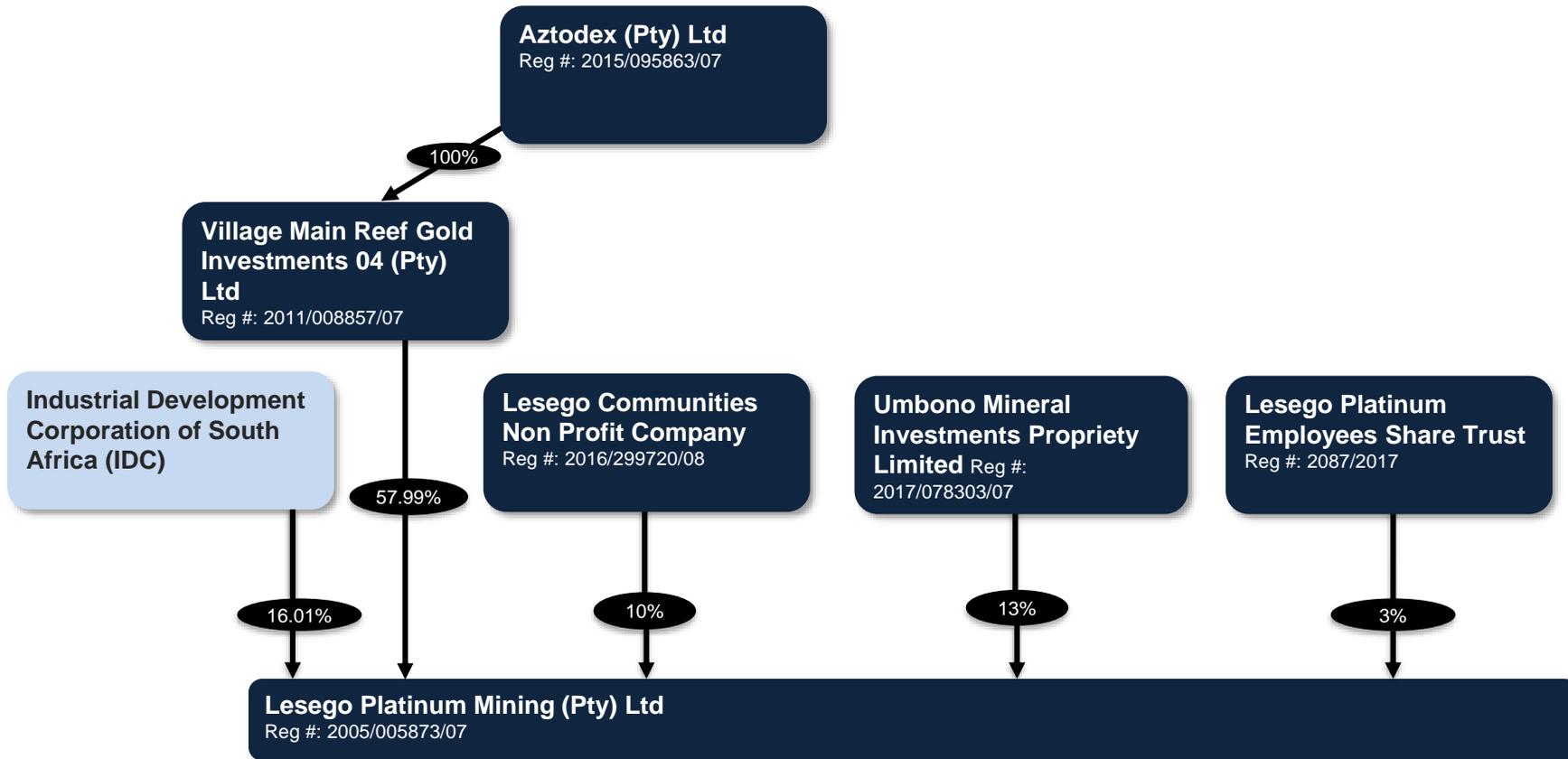
Source: Platinum on a knife edge (www.pwc.com/mining)

Lesego Platinum Project - Location

The Lesego Platinum project is at a premier location on the Eastern Limb of the Bushveld Complex, which is the world's largest repository of PGE resources. Location is 300 km north of Johannesburg, near several other large-scale platinum mines.



Lesego Platinum – Corporate Structure



Non Profit Company Beneficiaries

- 2.5% Mphahlele Community Development Trust
- 2.5% Tau-Mankotsana Community Development Trust
- 2.5% Baroka Ba Nkwana
- With a further
- 2.5% allocated for purpose of negotiating a surface lease agreement with Mphahlele

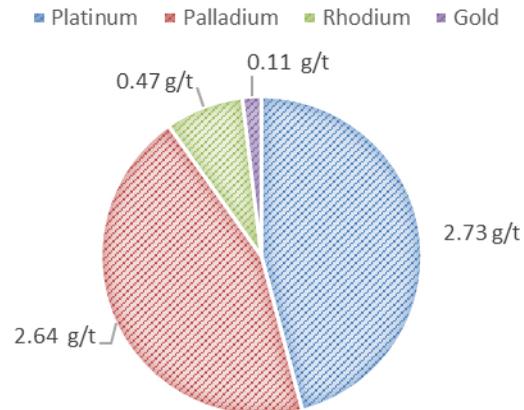
Lesego Platinum Project - Resource

The Lesego Platinum project is one of the highest grade undeveloped deposit in South Africa, containing two reefs, the Merensky and UG2 reefs, with a high Pt-Pd ratio, and significant Ni and Cu credits.

Lesego Platinum Project Resource Table

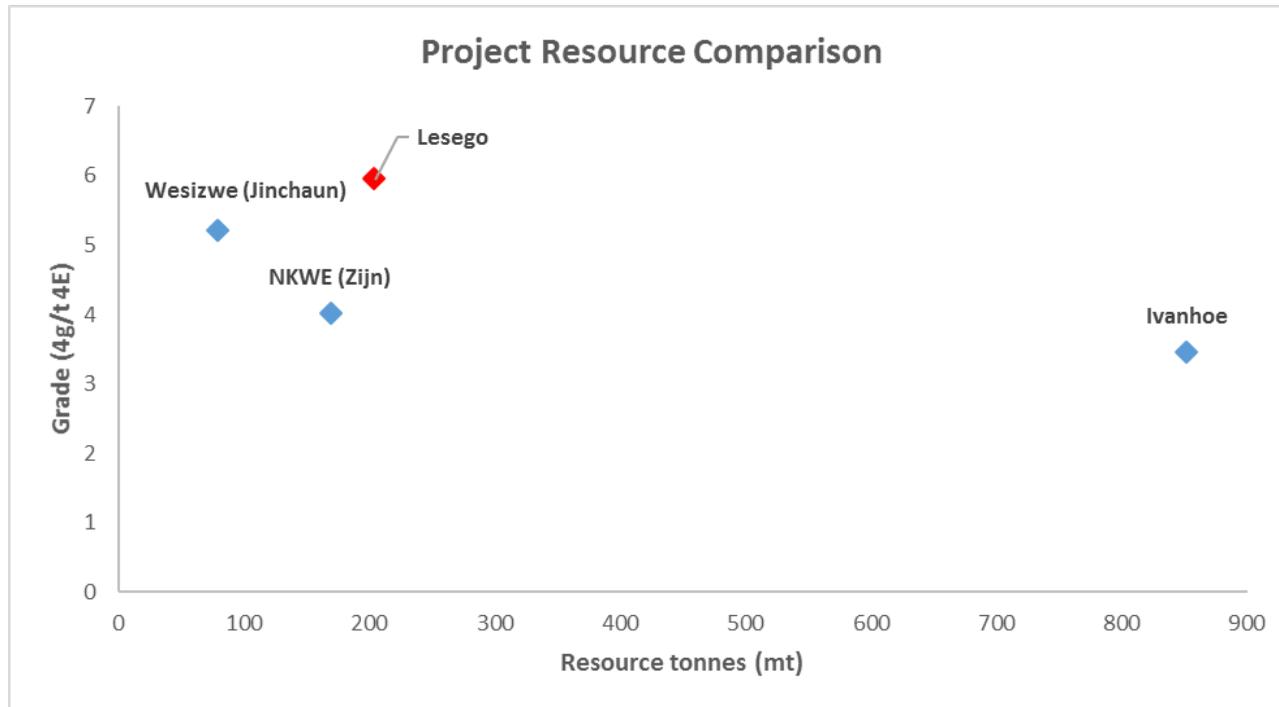
LESEGO PLATINUM PROJECT RESOURCE STATEMENT								
Resource Classification	WIDTH (m)	GRADE (g/t) 3PGE+Au	TONNAGE (Mt)	Moz 3PGE+Au	Cu tons	Cu (%)	Ni tons	Ni (%)
Measured	1,23	5,61	43,97	7,94	38 235	0.1	91 838	0.2
Indicated	1,23	6,05	83,65	16,26	71 659	0.1	168 353	0.2
Inferred	1,22	6,03	76,56	14,83	69 434	0.1	160 733	0.2
Total Project Mineral Resources		5,95	204,18	39,03	179 328	0.1	420 924	0.2
Merensky Mineral Resources	1,15	5,66	80,47	14,65	101 277	0.1	204 878	0.2
UG2 Mineral Resources	1,27	6,13	123,71	24,38	78 050	0.1	216 046	0.2
Total Project Mineral Resources		5,95	204,18	39,03	179 328	0.1	420 924	0.2

Refined production by country



Selected Comparisons

The resource quality of the Lesego Platinum project is clear when compared with three other high profile development stage projects known in China.

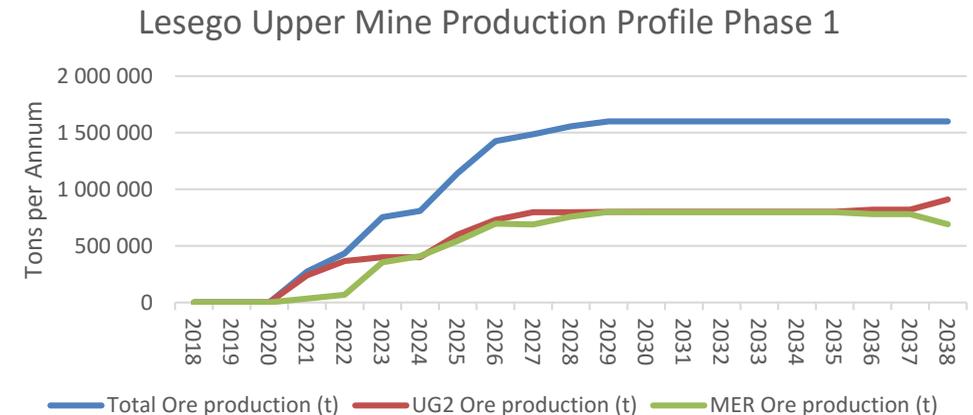
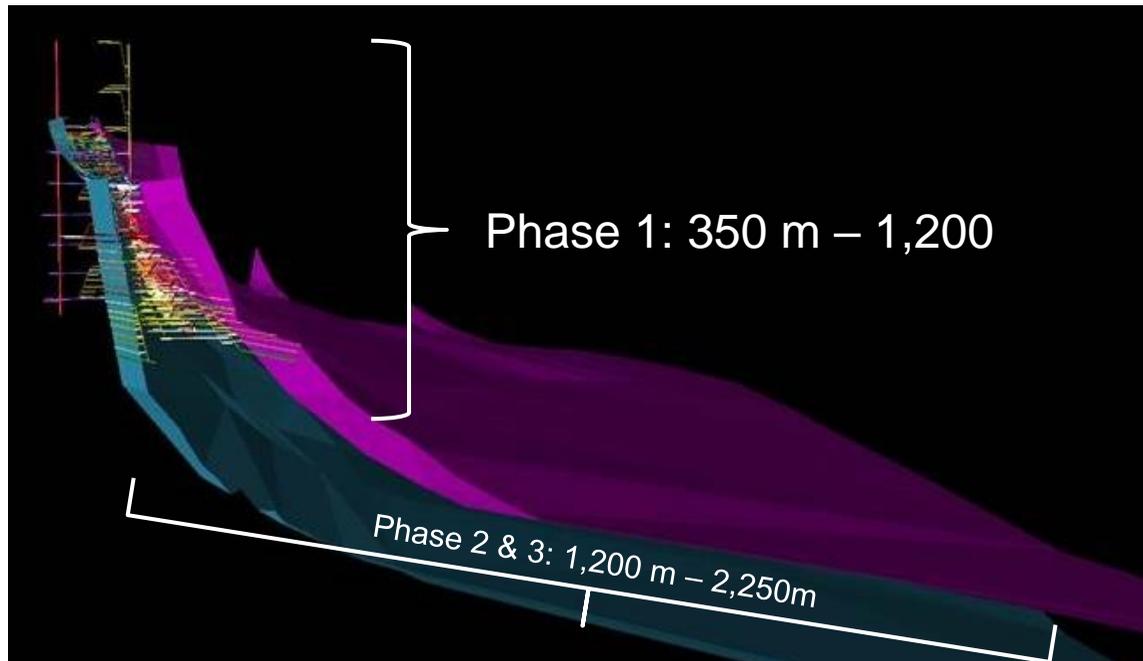


Company	Resources (mt)	Grade (g/t 4E)
Wesizwe (Jinchuan)	79	5.22
Ivanhoe	852	3.45
Lesego (HSC)	204	5.95
NKWE (Zijin)	169	4.01

Lesego Project Development – Upper Mine

The ore body at Lesego consists of two reefs, the Merensky and UG2 Reef. The reefs will be extracted in phases; Phase 1 is termed the Upper Mine and extracts the reefs from a depth of 350 m down to 1,200m using a mechanized mining method. After approximately 18 years of mining, Phases 2 and 3 start extracting the deeper portions of the ore body.

An option exists to develop the entire ore body, this is referred to as the “Large Mine Option”.



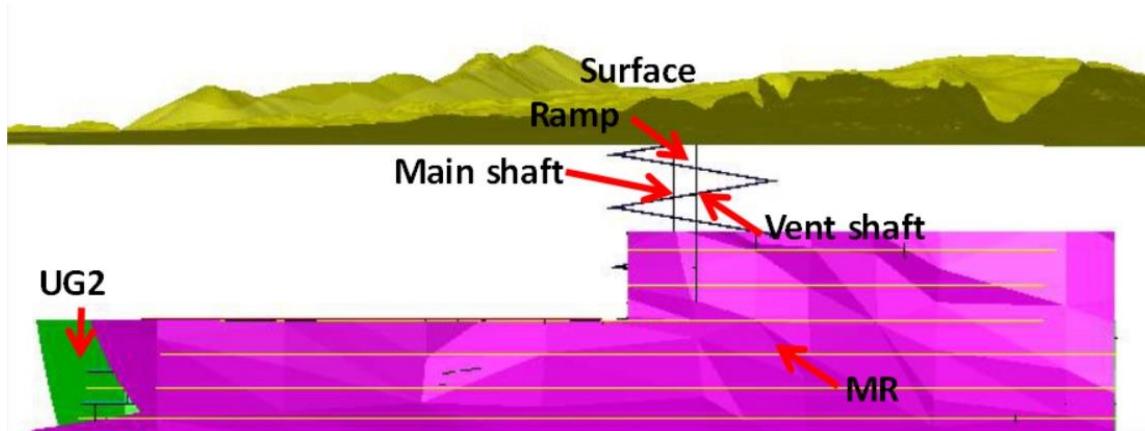
Upper Mine Financial Metrics

Mining Summary		Financial Assumptions	
Peak Production	1 683 ktpa	PGM Basket Price	1 112.85 US\$/oz
Design Capacity	1 650 ktpa	Pt	1 200 US\$/oz
Average Production	1 316 ktpa	Pd	1 000 US\$/oz
Ramp-up	4 years	Rh	1 000 US\$/oz
Yrs at Steady State	10 years	Au	1 300 US\$/oz
Ramp-down	- years	Ni	13 228 US\$/t
LOM Years	14 years	Cu	6 614 US\$/t
Opex Summary		Modeling Results	
Mining Cost	13.70 US\$/t	Discount Rate	10.00%
Process Cost	9.37 US\$/t	Tax Rate	28.00%
GA	3.42 US\$/t	Effective Royalty Rate	6.64%
Conc Transport	0.11 US\$/t	Effective ROE	13.20 ZAR:USD
Total Opex over LoM	26.61 US\$/t	NPV	1 317.26 ZAR m
Processing		IRR	15.01%
	Payability	Payback Period (Project)	10.23years
Pt	86.0%	NPV	99.79 US\$ m
Pd	86.0%	IRR	15.01%
Rh	86.0%	Payback Period (Project)	10.23years
Au	86.0%	OPEX per PGM oz	3 754.34 ZAR/oz 4E
Ni	75.0%	OPEX per PGM oz	284.42 US\$/oz 4E
Cu	70.0%	Operating Margin	74.44 %
Capex Summary		Bank Loan Repay Period	8.24years
Mine Development	225.10 US\$ m		
Process Plant	72.91 US\$ m		
Owner's Cost	55.30 US\$ m		
Contingency	46.12 US\$ m		
Total Capex	399.43 US\$ m		

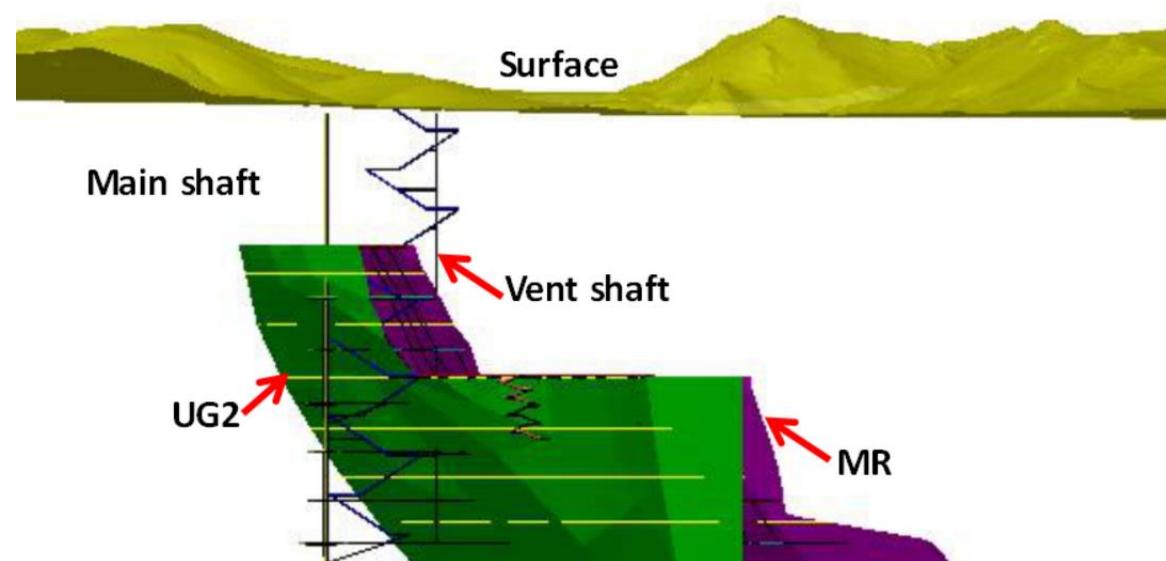
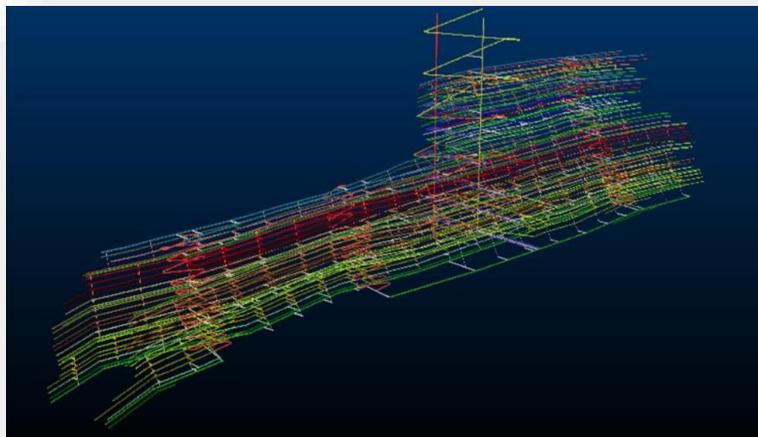


Upper Mine Development

The upper mine is fully mechanized and accessed by a shaft and a decline system down to 1,200 m.



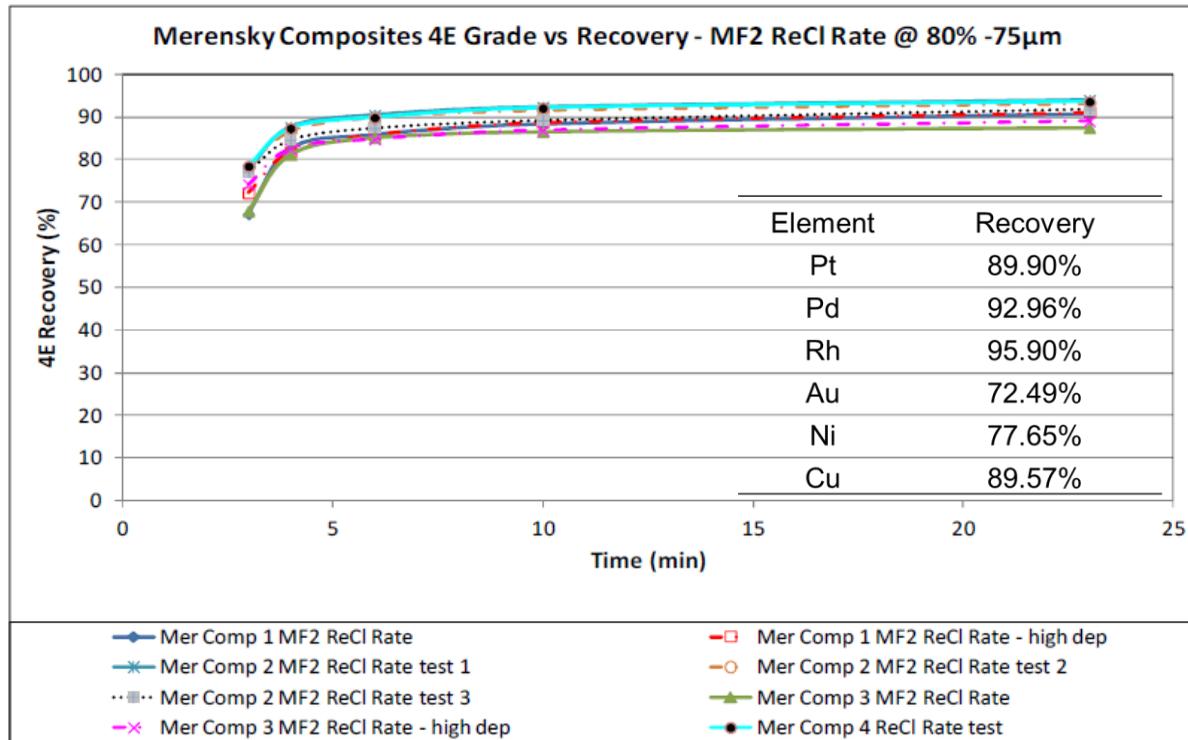
- Shaft and decline system;
- Total production capacity of 130kt pm ROM;
- Shaft depth is limited to 800 m to optimize production schedule and reduce capital expenditure.



Ore Processing

Metallurgical test work done through independent laboratories has proven excellent recoveries as per the table below, and a Merensky-rich concentrate is an attractive product for local PGE smelters.

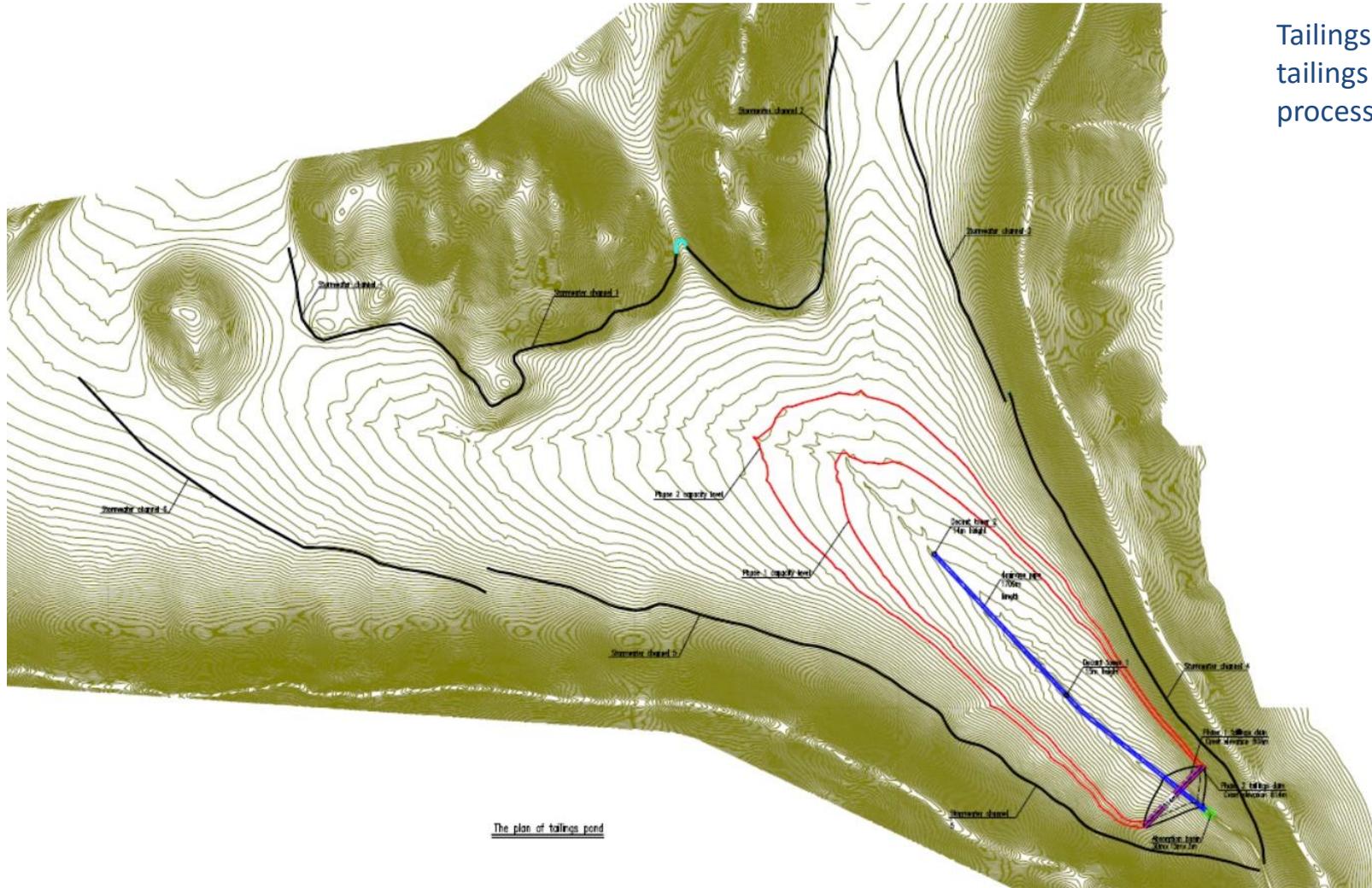
Ore processing will be done through a 130 ktpm MF2 plant.



Preconcentration using XRF ore sorting technology will be used to pre-concentrate both the Merensky and UG2 ore.

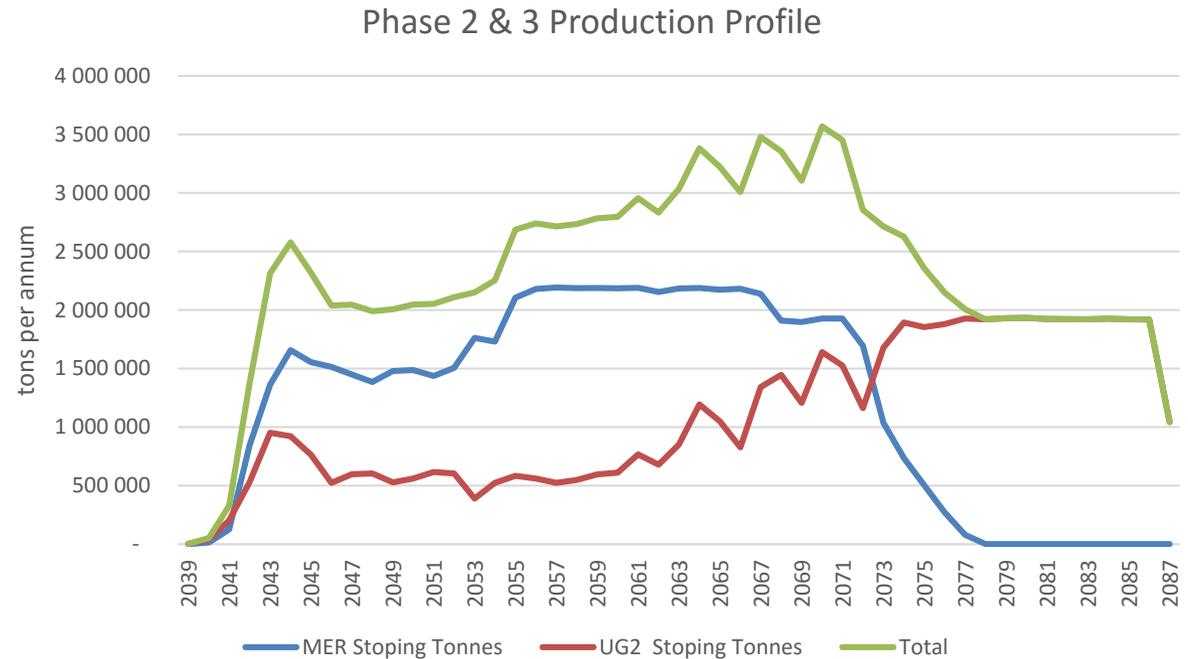
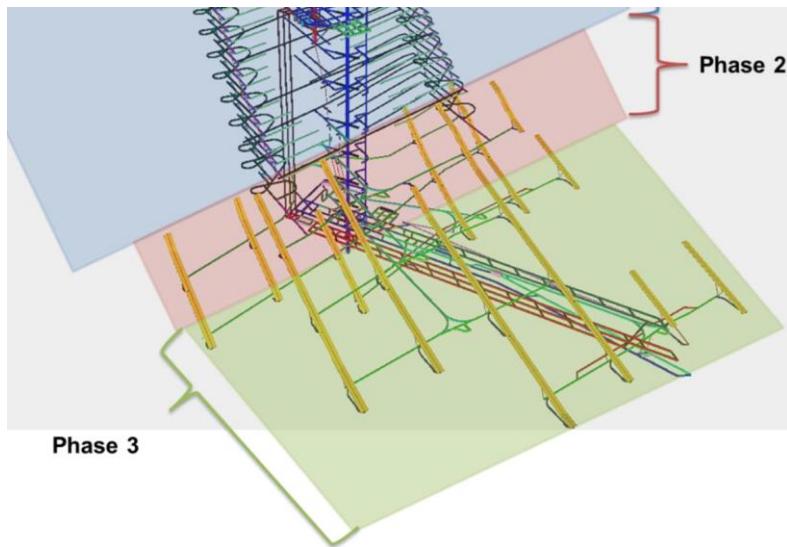
Tailings Disposal

Tailings deposition is in a “valley-fill” style tailings dam, located 1.5 km from the processing plant.

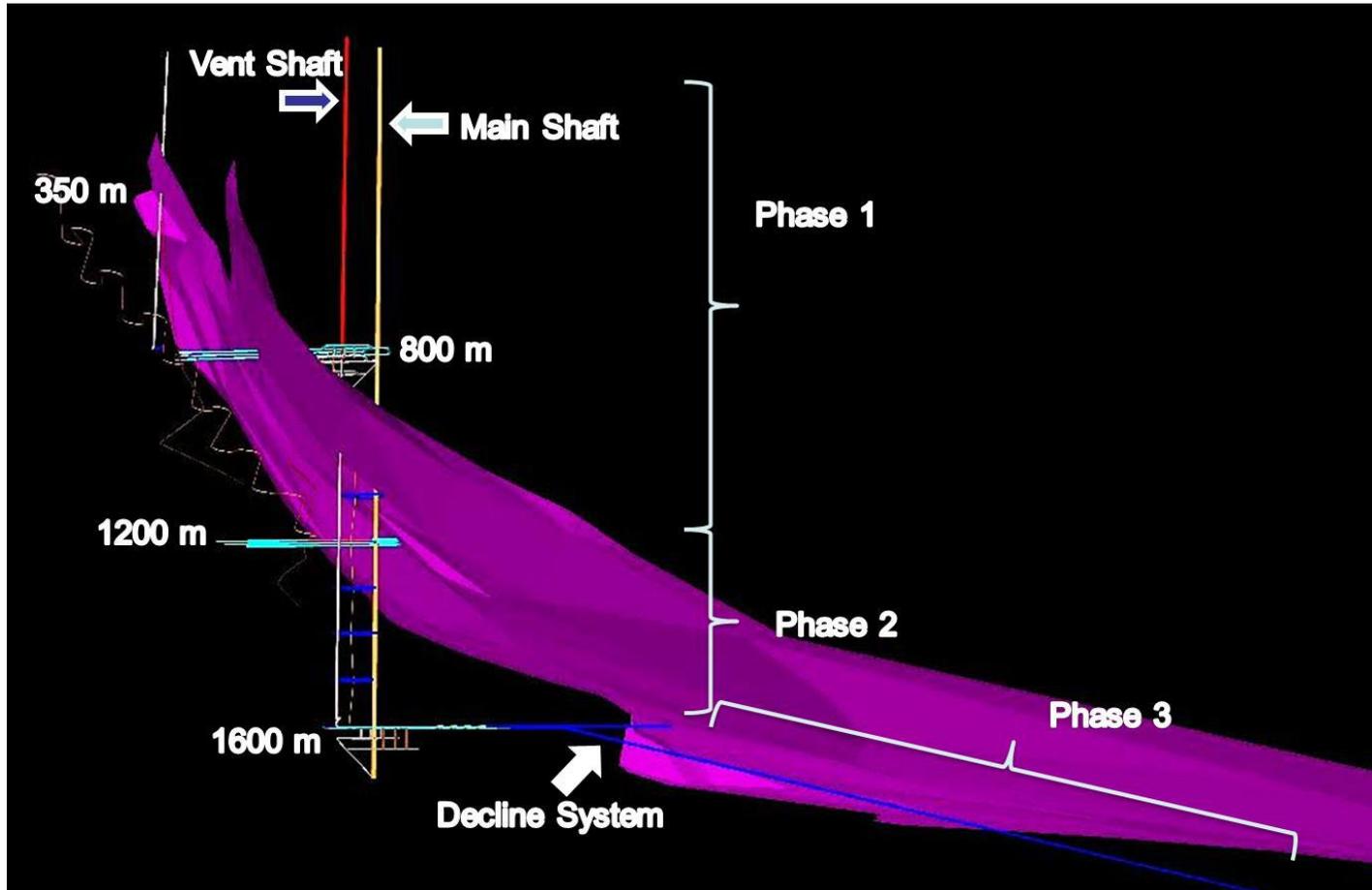


Phase 2 and 3 Mine Development

Phase 2 and Phase 3 exploits the deeper higher grade ore body using an extension of the existing decline and a shaft system, and a conventional mining method. Phase 2 and 3 have a life of mine in excess of 45 years.



Large Mine Development



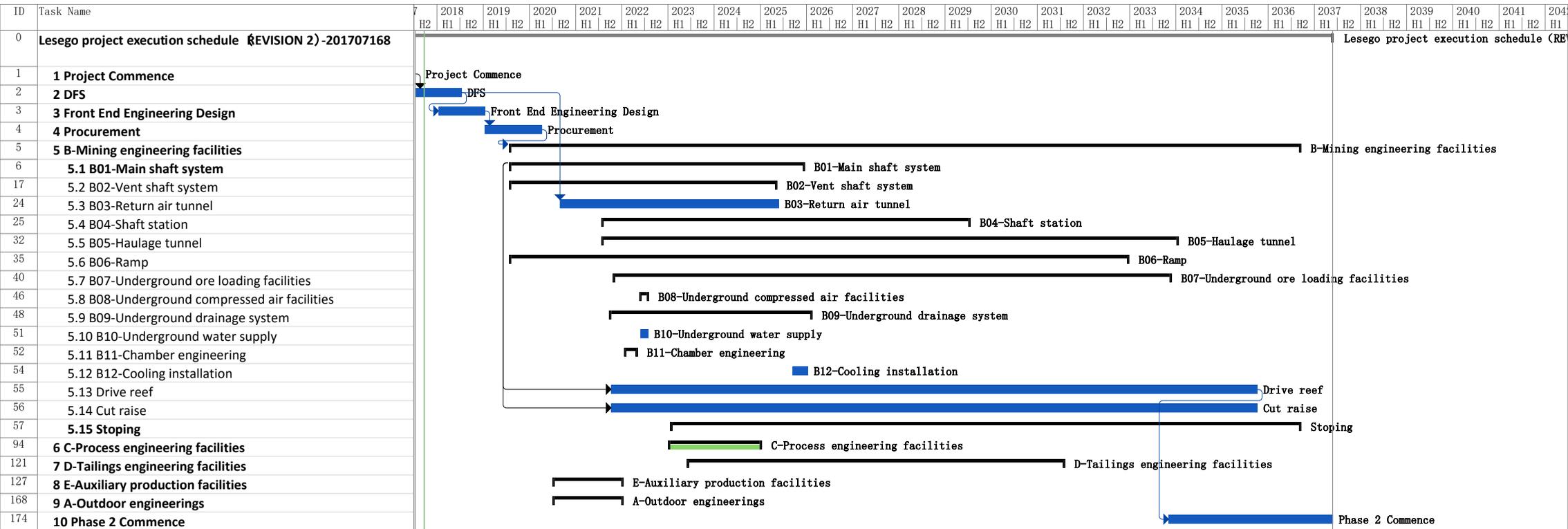
The Large Mine Option design consists of a twin shaft system down to ~1,600 m, and a decline system to exploit the deeper portions of the ore body.

The design capacity of this mine is 300 ktpm, with a ~50 year life of mine.

Large Mine Financial Metrics

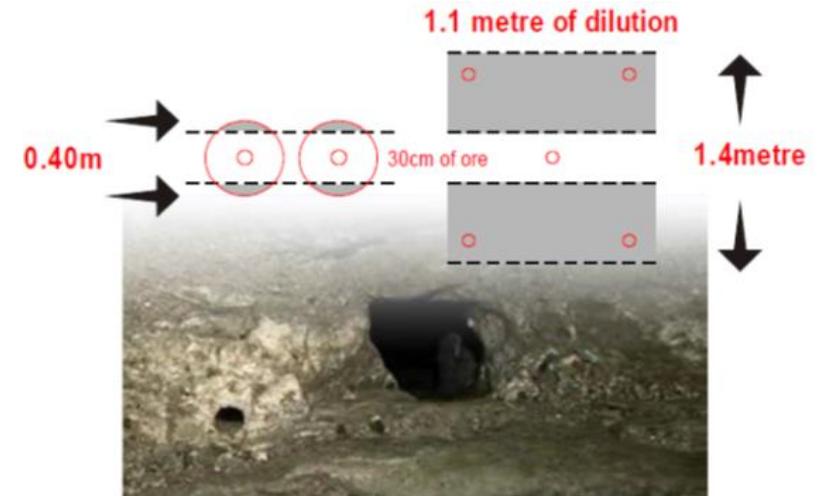
Mining Summary				Financial Assumptions	
Reserve Tonnage	154 990	kt		PGM Basket Price	1 119 US\$/oz
Reserve PGM Grade	4.76	g/t 4E		Pt	1 200 US\$/oz
Reserve Ni Grade	0.18%	% Ni		Pd	950 US\$/oz
Reserve Cu Grade	0.08%	% Cu		Rh	1 000 US\$/oz
Reserve Metal	21 491	koz's 4E		Au	1 300 US\$/oz
Peak Production	354	ktpm		Ir	700 US\$/oz
Steady State	300	ktpm		Ru	200 US\$/oz
Average Production	205	ktpm		Ni	13 228 US\$/t
Ramp-up	5	years		Cu	6 614 US\$/t
Yrs at Steady State	28	years		Discount Rate	10.0% %
Ramp-down	20	years		Tax Rate	28.0% %
LOM Years	53	years		Effective Royalty Rate	6.4% %
Opex Summary				Modeling Results	
Mining Cost	44	US\$/t		NPV	269 US\$ m
Process Cost	9	US\$/t		IRR	13.75% %
SIB	4	US\$/t		Payback (Project)	22 years
Conc Transport	0	US\$/t		Payback (Prod)	13 years
Total Opex over LoM	58	US\$/t		Peak Funding	784 US\$ m
Processing				Recovery	
Pt	89.9%	84.1%	75.6%	Peak Annual Capex	170 US\$ m
Pd	93.0%	84.1%	78.2%	Initial Capitalisation	14 years
Rh	95.9%	84.1%	80.7%	NPV to Peak Funding Ratio	0.34
Au	72.5%	84.1%	61.0%	Capital per PGM oz	45 ZAR/oz 4E
Ir	65.0%	50.0%	32.5%	Capital per PGM oz	3 US\$/oz 4E
Ru	65.0%	50.0%	32.5%	OPEX per PGM oz	5 511 ZAR/oz 4E
Ni	77.7%	75.0%	58.2%	OPEX per PGM oz	417 US\$/oz 4E
Cu	89.6%	70.0%	62.7%	Operating Margin	62.7% %
Capex Summary					
Mine Development	814	US\$			
Process Plant	147	US\$			
Contingency	1	US\$			
Total Capex	961	US\$			

Schedule



Upside Potential - Mining

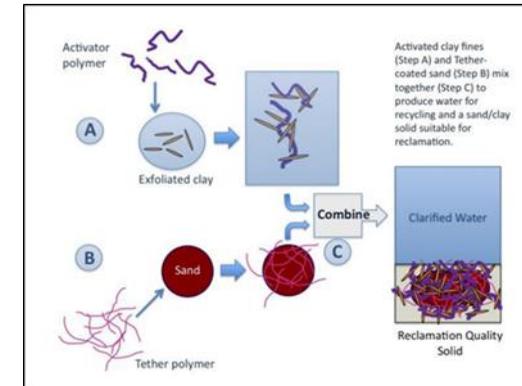
- High Speed Shaft Sinking
 - Quicker access and lower capital cost
- Horizontal Raise Boring
 - Quicker access to revenue and lower capital cost
- Thermal Mining
 - Reduced opex
 - Reduced capex
 - Improved mill feed grade
 - Improvement in recovery efficiencies
 - Improved safety



Upside Potential - Process

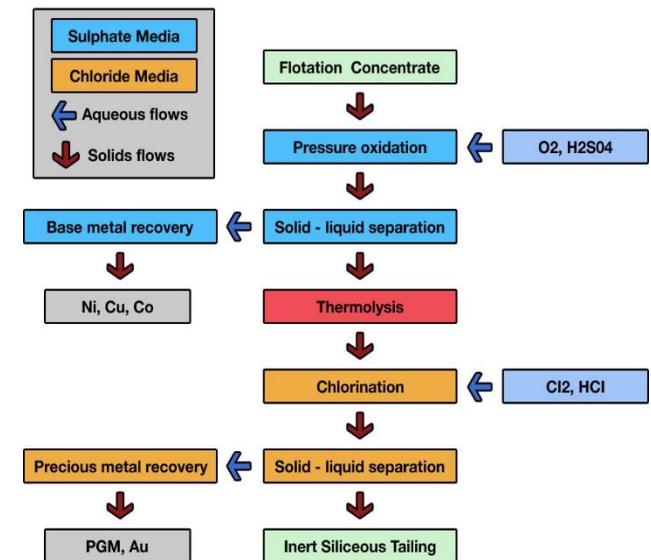
- ATA Tailings Treatment (dry tailings)

- Reduced capital
- Reduced environmental liability
- Reduced opex



- Kell Process

- No requirement to smelt concentrates
- On-site beneficiation of minerals
- Reduced opex
- Increased recovery and revenue
- Process of bulk Ni/Cu/Co/PGM/Au concentrate
- Reduced carbon emissions and carbon tax liability



Sustainability – Local Communities Relationship

Communities relationship is an important part of the business in South Africa's platinum mining sector. Collaboration and support by local communities is key for the successful development and sustainable operation of the project. **Lesego has been successful in garnering massive community support for the project.**



- Traditionally, companies like to focus on what can be seen – the fruit (e.g. infrastructure).
- Our focus is on the roots – those elements that if transformed positively impact the fruit for the long-term.
- We aim to positively influence schools and learner performance.
- We do so by:
 - ✓ Building with and into education **leaders** so that they are growing their teams of educators and their schools.
 - ✓ Developing the **educators** to better serve their learners.
 - ✓ Growing the **learners** so that they can perform better and make wise decisions for their futures.
- In time, we aim to impact and work with **parents** in the community and as finances allow add educational **resources** into the community.

Our Vision – Downstream Beneficiation Partnership

It is our strategic vision to build Lesego Platinum into more than just a mining company. We are actively pursuing downstream partnership opportunities to fully realize Platinum's economic potential in Fuel Cell, Jewelry, and Investment areas.



Source: Fuel Cell & Hydrogen and Energy Association

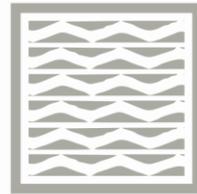


Source: Inhabitat (www.inhabitat.com)



Source: EETIMES(www.eetimes.com)

To Be A China-South Africa Integrated Cross-border Platinum Company



Lesego
platinum



Contact Us

James Nieuwenhuys

CEO

Lesego Platinum

james@hscsa.co.za

Tel: +27 86 186 7333

www.lesego.com

Jeff Dong

Principal: Outbound M&A

Heaven-Sent Capital

dx@ggttgroup.com

www.gttvc.com



硅谷天堂资产管理集团