



PetraDiamonds

# Foundations for the future

Petra Diamonds Limited  
Corporate Update – February 2020



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PetraDiamonds

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## Petra Overview





## One of the World's Top 5 Independent Diamond Producers

Assets moving to steady state production

Company entering phase of FCF generation

Cullinan



74% Petra; 26% BEE  
Block cave / Sub-level cave  
Mine Plan to 2030

Finsch



74% Petra; 26% BEE  
Sub-level cave / Block cave  
Mine Plan to 2030

Williamson



75% Petra; 25% Gov of Tanzania  
Open Pit  
Mine Plan to 2033

Koffiefontein

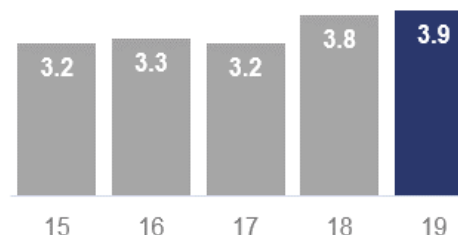


74% Petra; 26% BEE  
Sub-level cave  
Mine Plan to 2025

ROUGH DIAMOND PRODUCTION

Million carats

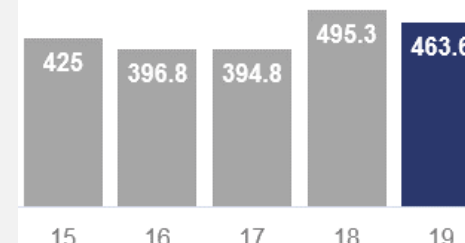
3.87



REVENUE

US dollars (millions)

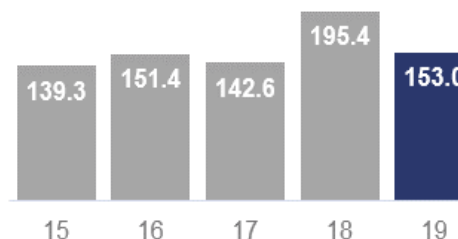
463.6



Adjusted EBITDA<sup>1</sup>

US dollars (millions)

153.0



OPERATIONAL FREE CASH FLOW<sup>1</sup>

US dollars (millions)

70.5



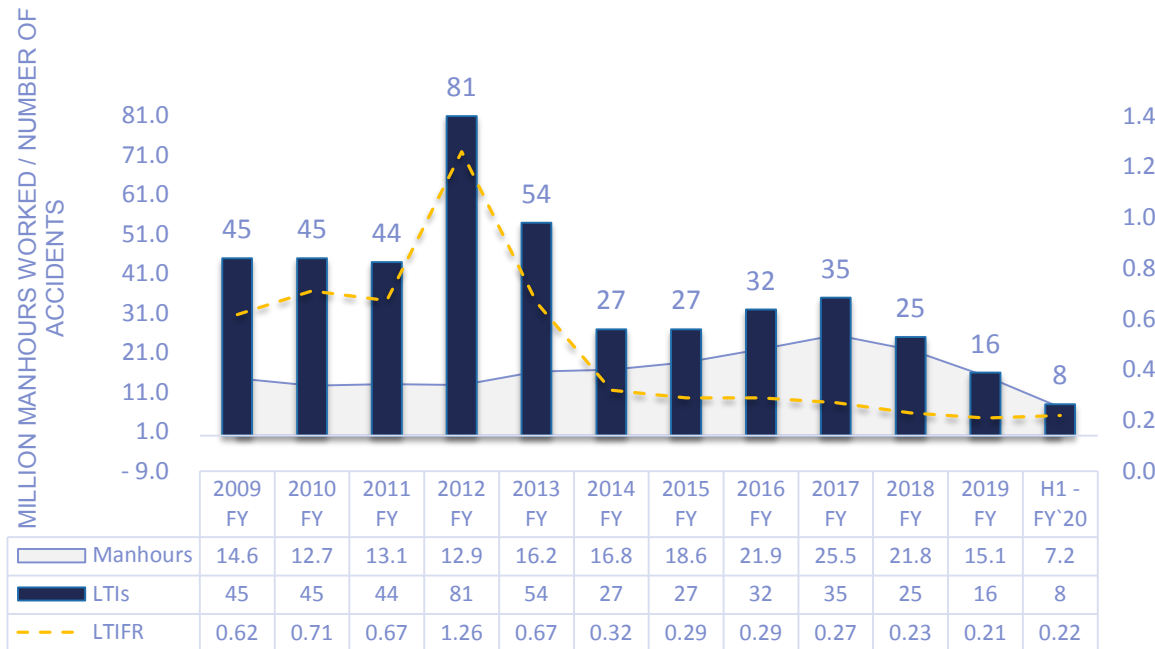
<sup>1</sup> Refer to preliminary results announcement dated 16 September 2019 for detailed notes regarding non-IFRS adjusted disclosures





# Steady improvement in safety performance over +10 year period

- Safety is our most important personal and organisational value
- Board safety pledge (right) shows importance of leading from the top
- From FY 2009 to H1 FY2020: LTIFR -65% and LTIs -82%



The Lost Time Injury Frequency Rate expressed per 200,000 hours worked

## HEALTH & SAFETY PLEDGE



EACH FINGER SYMBOLISES THE PLEDGE YOU ARE MAKING TOWARDS YOUR COMMITMENT TO THE TARGET OF **ZERO HARM!**



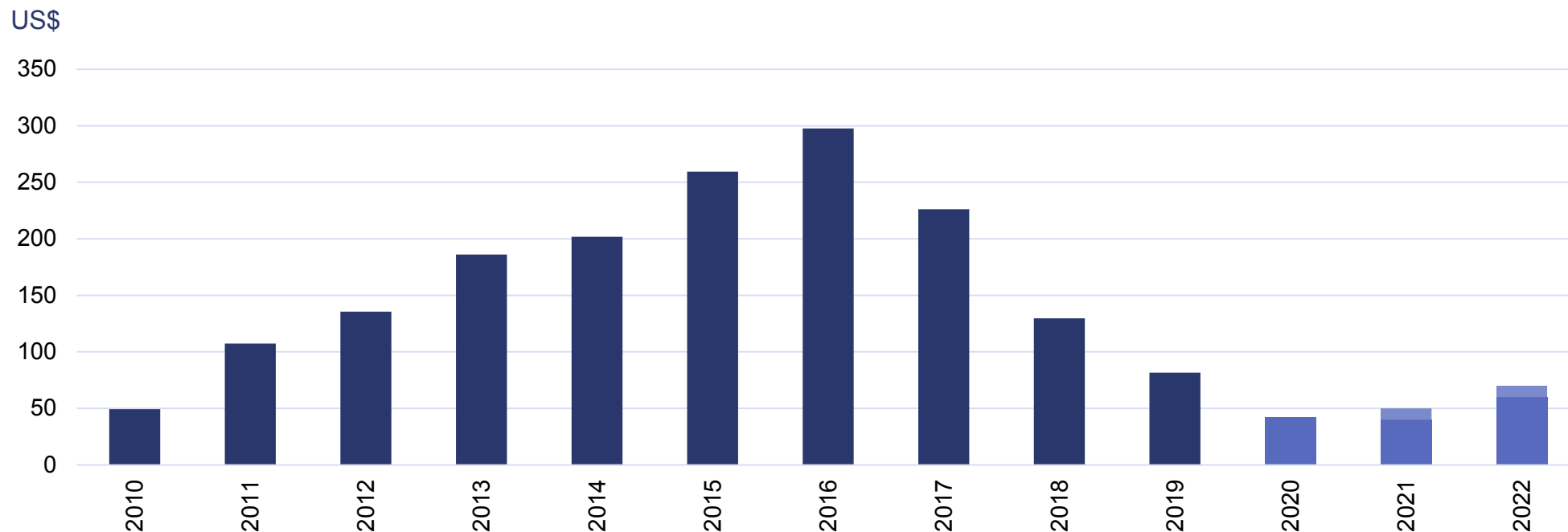
PLEASE COMMIT WITH YOUR SIGNATURE:





### Completion of heavy capital intensive phase

10 year capital investment programme and 3 year outlook



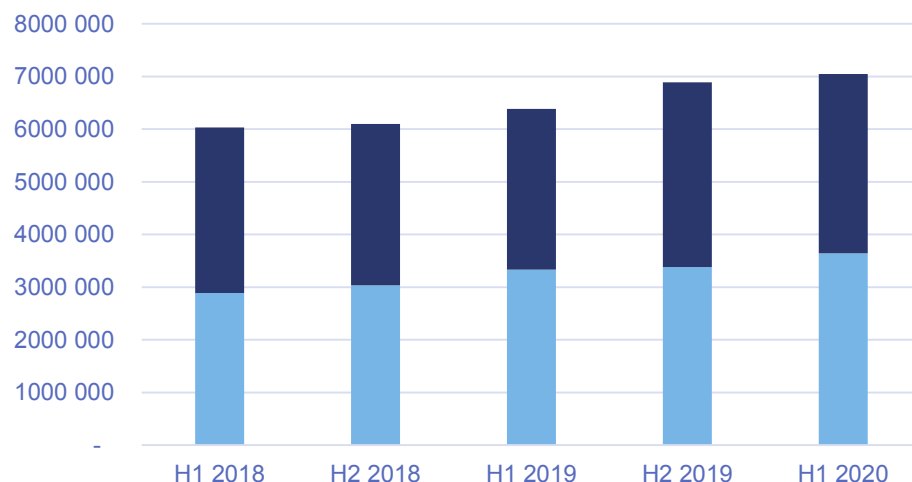
- Petra has completed major capital expansion programmes across each of its assets and is now bedding down steady state production



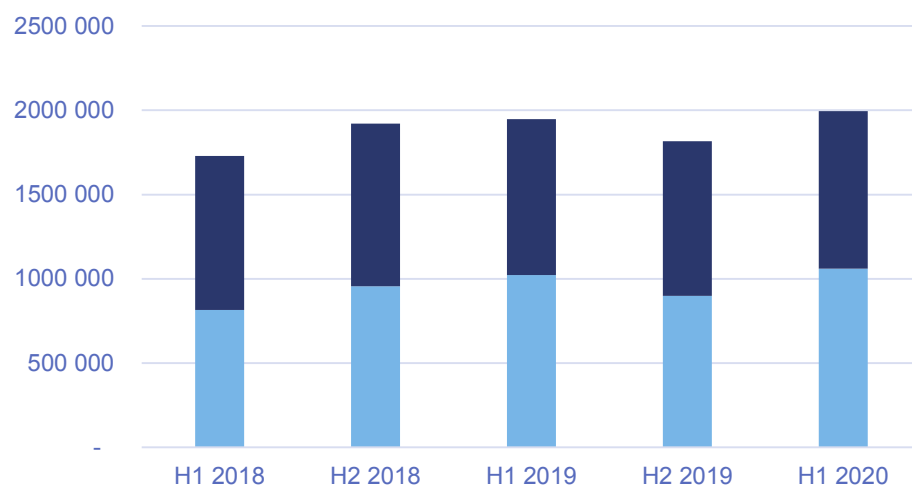


### H1 FY 2020 saw the highest ROM tonnes and carats in Petra's history

ROM tonnes treated



ROM carats recovered



#### H1 FY 2020

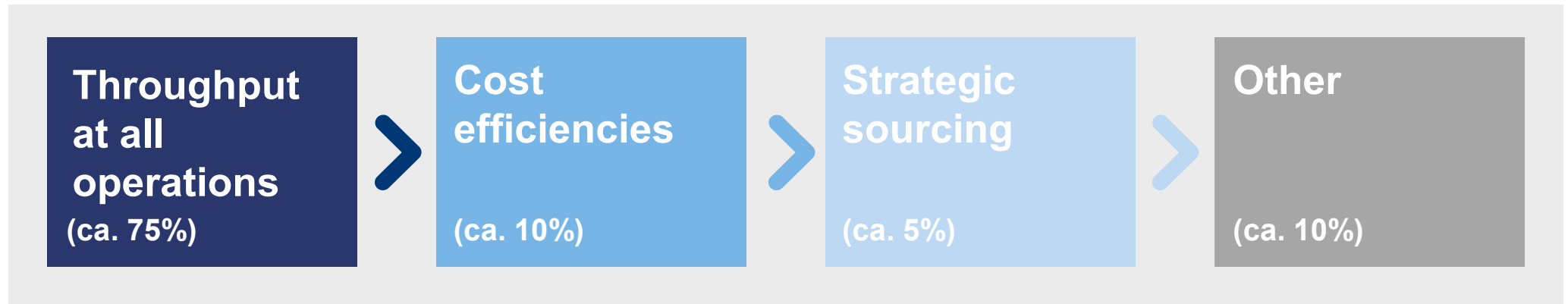
- Production +3% to 2.07 Mcts
- On track to meet or exceed guidance of ca. 3.8 Mcts for FY 2020; risks relate to extent of Eskom load shedding and Williamson pit slump
- Strong operational performance supported by implementation of Project 2022 across all sites, especially in light of South Africa power disruptions
- Revenue -6% to \$193.9 million from 1.7 Mcts sold due to lower prices (-10%) and adverse product mix at Finsch and Williamson (-3%), partially offset by the sale of the exceptional blue diamond (+7%)
- Recovery of 20.08 carat Type II exceptional blue diamond at Cullinan – sold on 15 November for \$14.9 million (\$741k per carat)





# Project 2022 expected to start delivering benefits from H2 FY 2020

- Initial target of \$150-200 million<sup>1</sup> free cash flow over three year period<sup>2</sup>
- Implementation underway at all mines and at Group level; the majority of the value driver ideas generated are expected to move into full implementation, with cash flow benefits commencing in H2 FY 2020
- Throughput comprises the major project component and key notable early successes include:
  - Record half yearly ROM production of 7.0 Mt treated and 2.07m carats recovered, and tracking ahead of guidance



<sup>1</sup> Cashflow target based on the following assumptions:

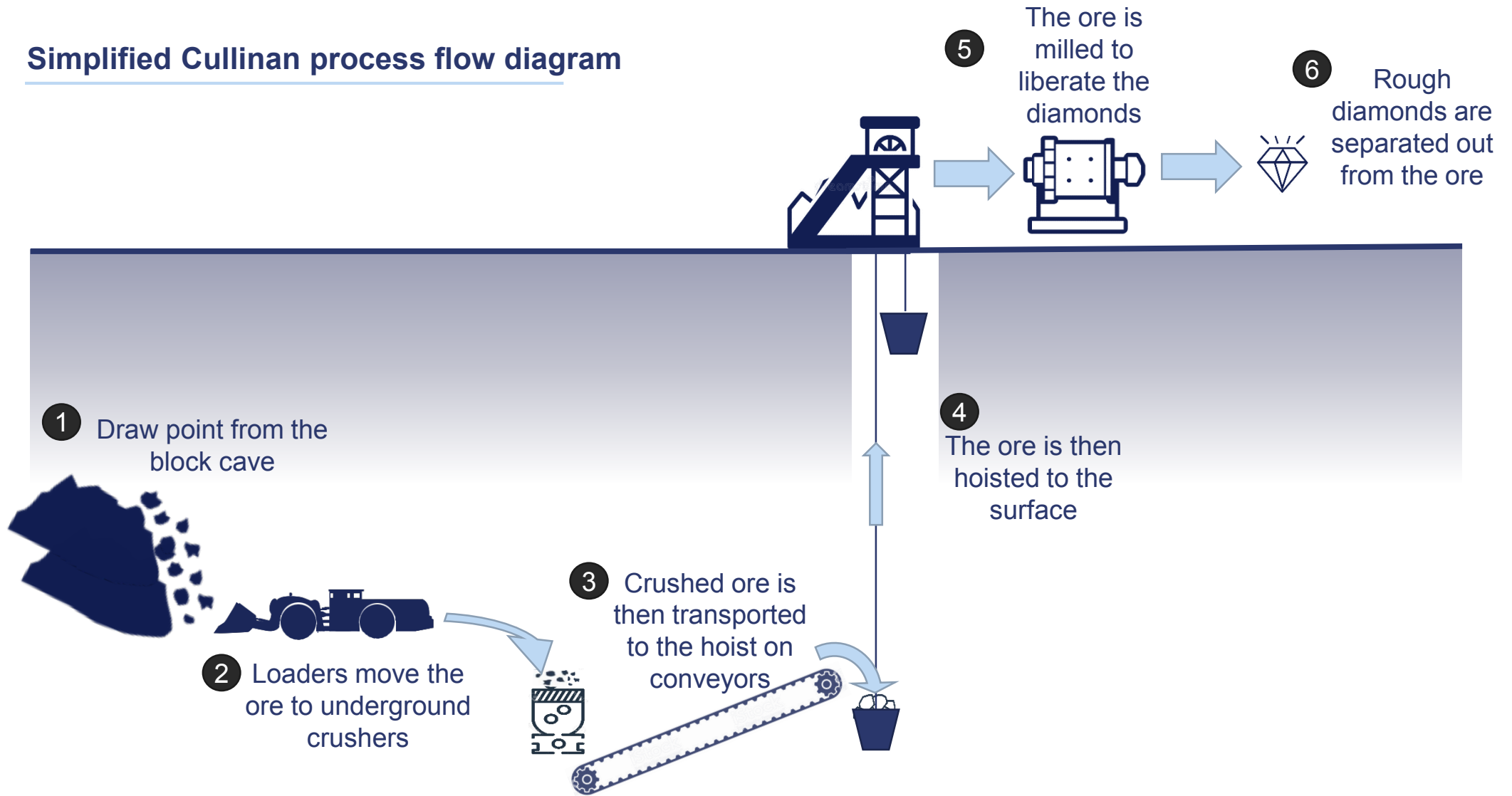
- Flat nominal prices over the three year period (with reference to pricing achieved in H2 FY 2019, excluding exceptional stones sold for US\$5 million or greater)
- Exchange rate of ZAR14:US\$1 in FY 2020, devaluing at 3.5% annually to ZAR14.49 in FY 2021 and to ZAR14.99 in FY 2022

<sup>2</sup> Delivery is weighted towards FY 2021 and FY 2022 and is dependent on diamond pricing



## Project 2022 Initiatives Delivering at Cullinan aim at increasing production

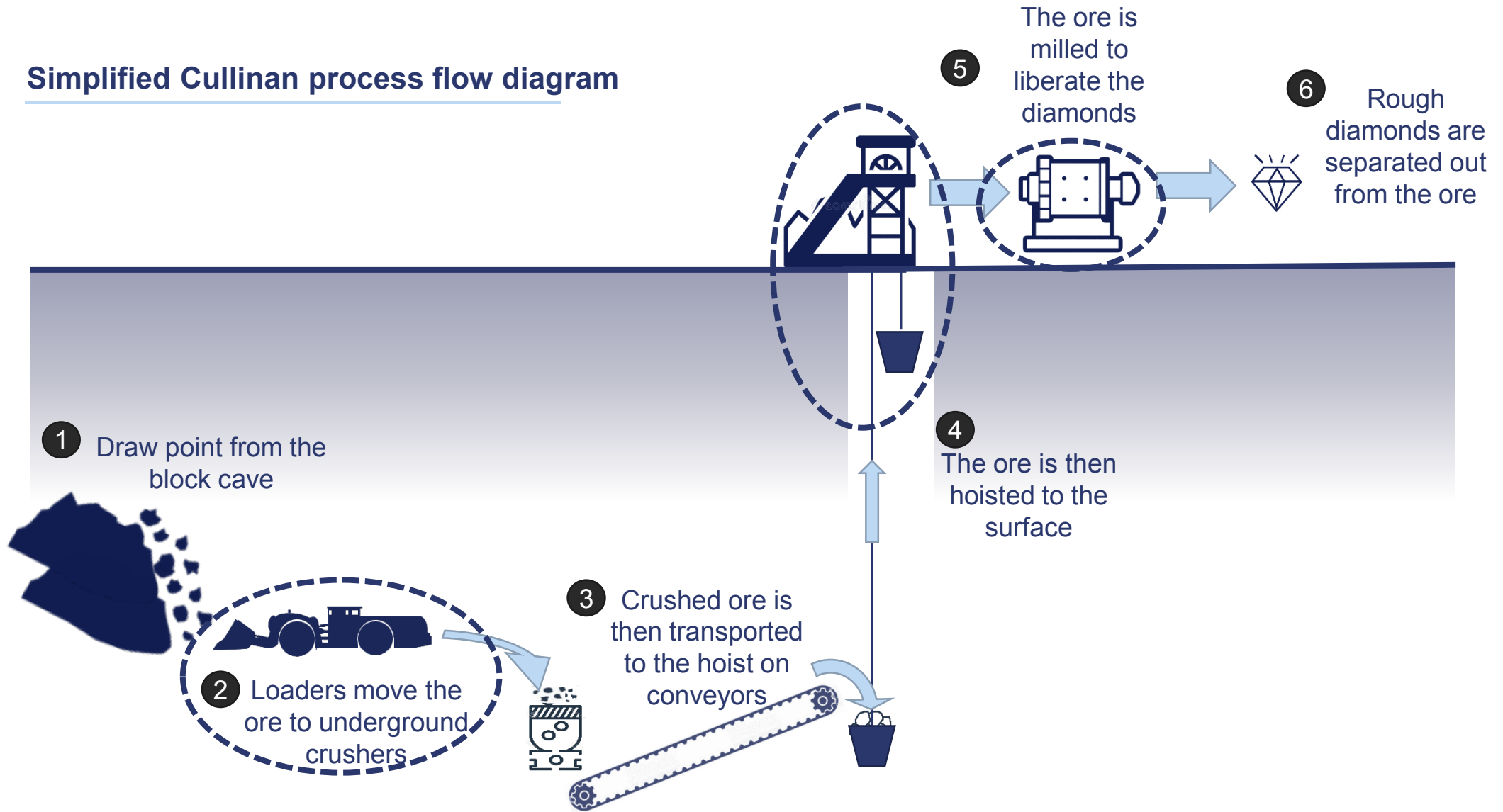
### Simplified Cullinan process flow diagram



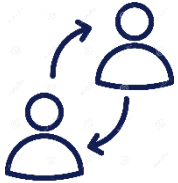


Improvements are mainly focused on addressing the bottlenecks on site

### Simplified Cullinan process flow diagram



## Specific ideas within mining are being implemented



### Area

### Idea

#### Loading

**Shrink shift change:** Increase the number of productive hours on the loaders by changing the blasting time and ensuring that shift handovers happen efficiently



#### Loading

**Weekend loading:** Appoint a contractor to load over the weekends, thereby increasing the number of utilised days per year and reducing overtime costs on the mine



#### Loading

**Start your engine:** Improve LHD Cycle time by reducing delays from refueling, operational delays (e.g. large boulders) and unplanned maintenance.




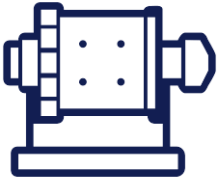

#### Hoisting

**Wind, don't stop:** Implement a new shaft shift structure to increase the winders operating time and reduce the amount of time that the loaders have to stop loading due to full underground silos





## The mining ideas are complemented by a set of ideas in the plant

	Area	Idea
	Recycle crushing	<b>Optimisation and redesign of high-pressure grinding roll crushers:</b> Refurbish and redesign the rolls so that they crush recycled material more effectively and reduce the recycle load of the milling circuit. This will allow a higher proportion of ROM ore to be fed into the mills
	Milling	<b>Develop best practice for operation of the mills:</b> Improve automated control and standardise operating procedures, so that the operating performance of the mills is more consistent, allowing a higher overall feed rate
	Tailings ore	<b>Accelerate processing of red tailings:</b> Increase the amount of historical high value red tailings treated to fill plant capacity

P22 is working to change the behaviours of all employees across site

From good, to **GREAT**

Our November average  
**50** loads/shift per LHD  
per weekday

Our best day average  
**63** loads/shift per LHD

We are well on our  
way to the target for  
a **GREAT** day

**66** loads/shift  
per LHD

**Good  
JOB!**

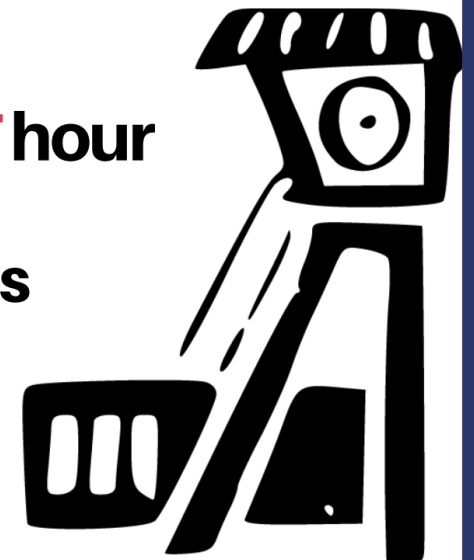


Fill, Pull & Hoist, that's the **right Choice!**

a **GOOD** hour  
is hoisting  
**28** skips

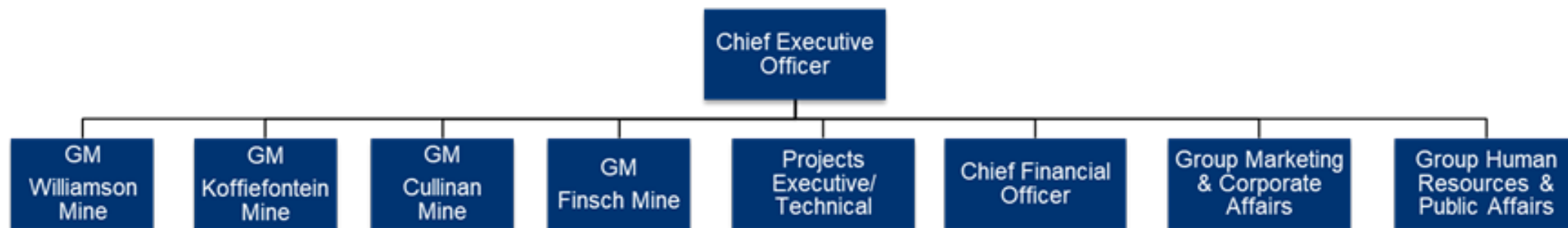
but

a **GREAT** hour  
is hoisting  
**32** skips

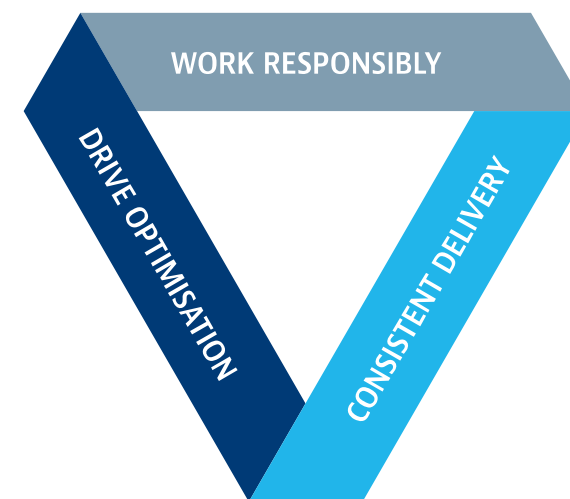




### Flatter management structure sees operations report directly to the CEO



- Upon appointment of new CEO in April 2019:
  - Organisational design review completed, with aim to maximise efficiency of our operations
  - Project 2022 launched to identify opportunities across the business to drive efficiencies and facilitate improvements
  - Strategic review of the business; short-term focus on rigorous execution of Project 2022 to reduce the Company's high net debt levels, against the backdrop of a challenging diamond market
- Executive Committee above to drive delivery of our strategy



## Balance Sheet Snapshot

- Bank facilities of R1.5 billion fully undrawn and available (FX movement causes USD value to fluctuate)
- South African Lender Group consented to a waiver of the EBITDA related covenant ratios associated with Petra's banking facilities for the December 2019 measurement period

	Unit	<b>31 Dec 2019</b>	30 Sep 2019	30 Jun 2019
Closing exchange rate used for conversion		<b>R13.99:US\$1</b>	R15.16:US\$1	R14.07:US\$1
Cash at bank (incl. restricted amounts)	US\$m	<b>53.6</b>	57.2	85.2
Diamond inventories	US\$m	<b>85.2</b>	92.4	57.5
	Carats	<b>992,425</b>	1,145,274	666,201
Diamond debtors	US\$m	<b>12.8</b>	7.2	23.8
US\$650 million loan notes (issued April 2017)	US\$m	<b>650.0</b>	650.0	650.0
Bank loans and borrowings	US\$m	—	—	—
Net debt	US\$m	<b>596.4</b>	592.8	564.8
Bank facilities undrawn and available	US\$m	<b>107.2</b>	98.9	106.6
Consolidated net debt for covenant measurement purposes <sup>1</sup>	US\$m	<b>632.9</b>	637.7	595.2

<sup>1</sup> Consolidated Net Debt for covenant measurement purposes is bank loans and borrowings plus loan notes, less cash, less diamond debtors and includes the BEE guarantees of ca. US\$49.3 million (ZAR689.5 million) as at 31 December 2019 (ca. US\$52.1 million (ZAR790.4 million) as at 30 September 2019)

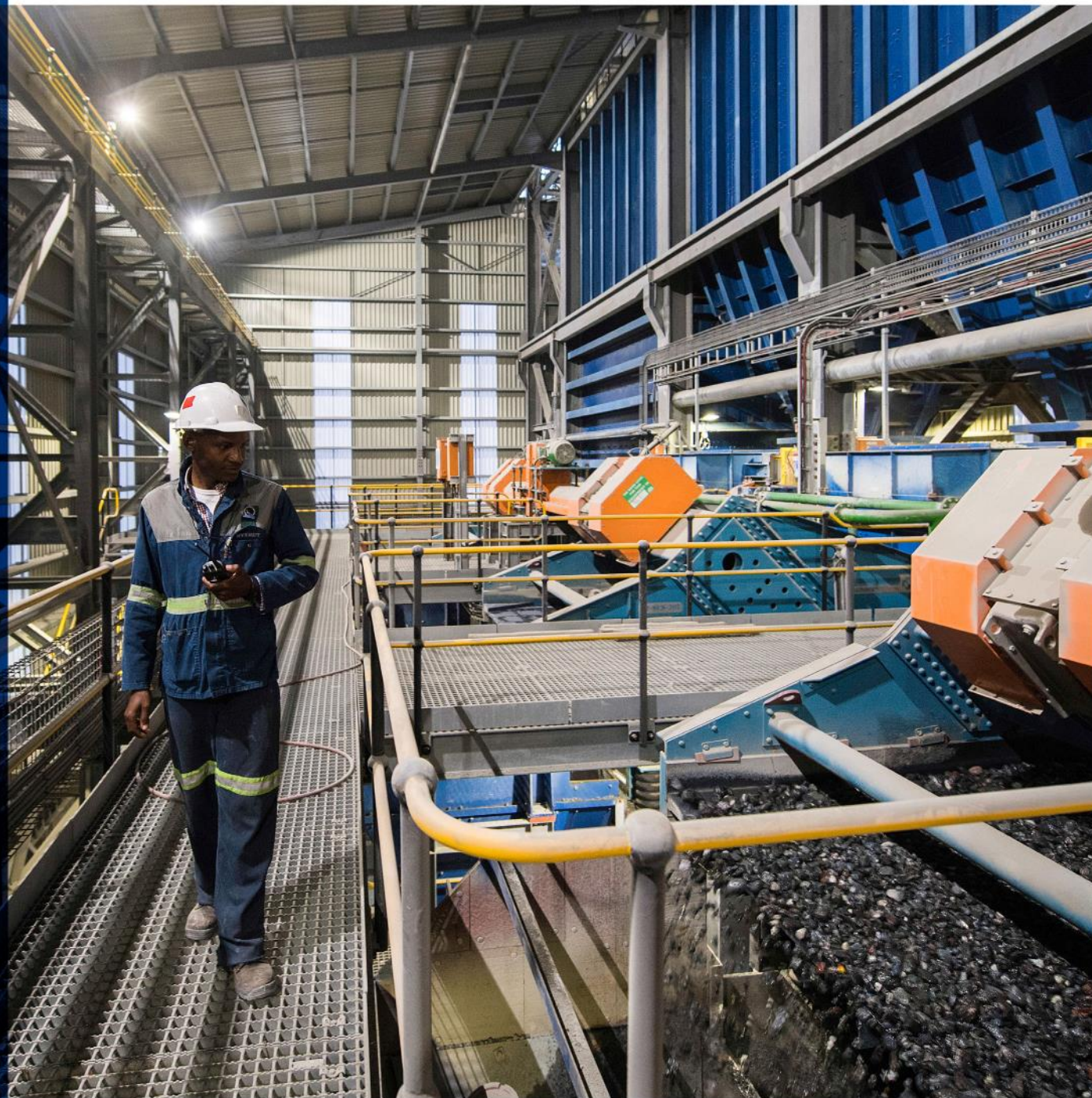






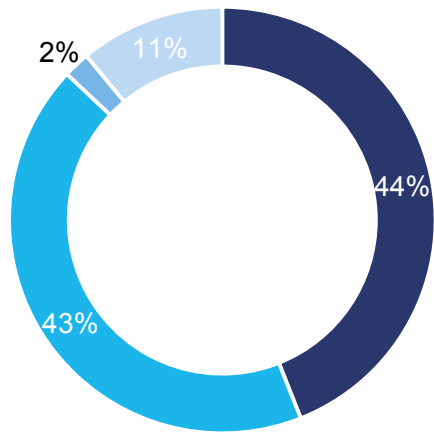
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# Operations Update



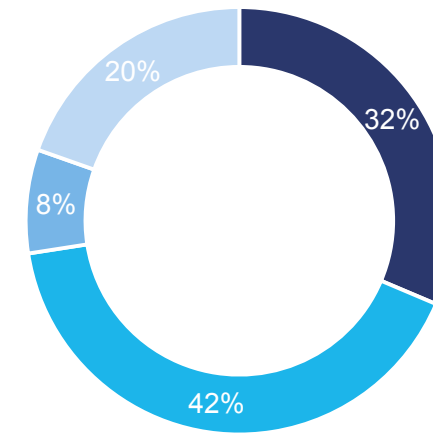
# Cullinan became key revenue contributor to Group in H1 FY 2020

### Production by mine



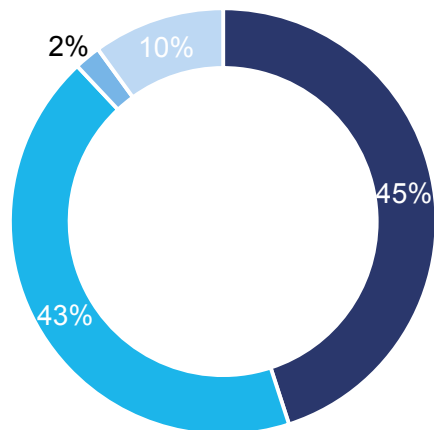
**H1 FY 2020**  
**2.1 million carats**

### Revenue by mine

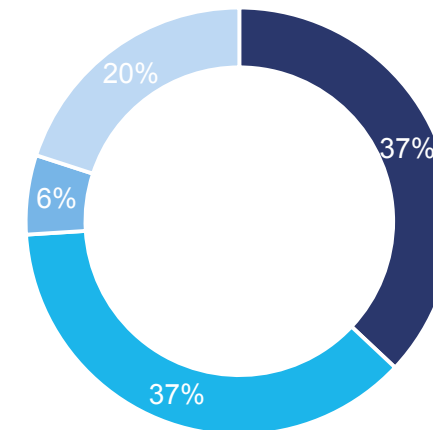


**H1 FY 2020<sup>1</sup>**  
**\$193.9 million**

- Finsch
- Cullinan
- Koffiefontein
- Williamson



**FY 2019**  
**3.9 million carats**



**FY 2019**  
**\$463.6 million**

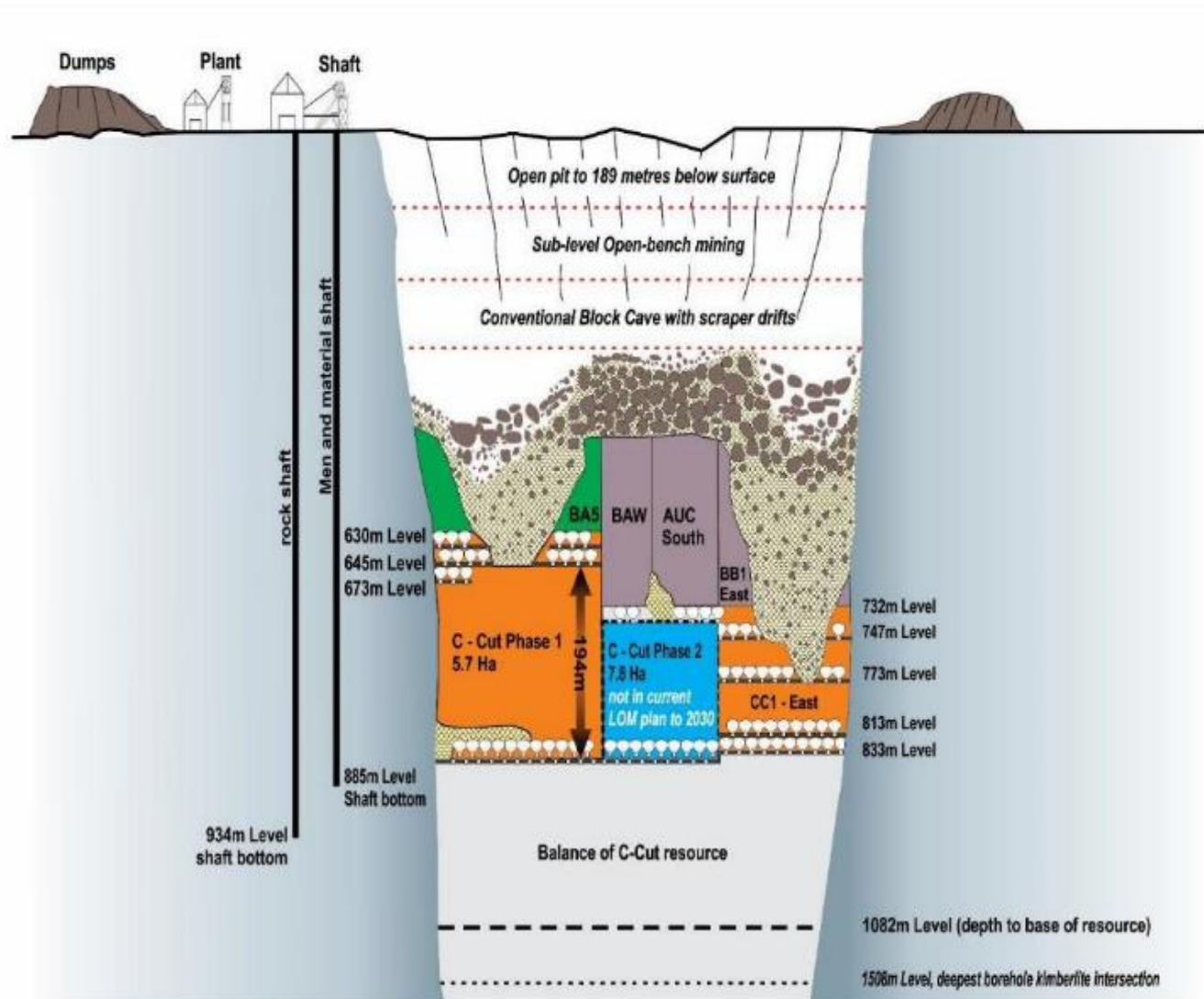


1. Petra sales are always weighted to H2 due to holding 4 tenders vs 3 tenders in H1

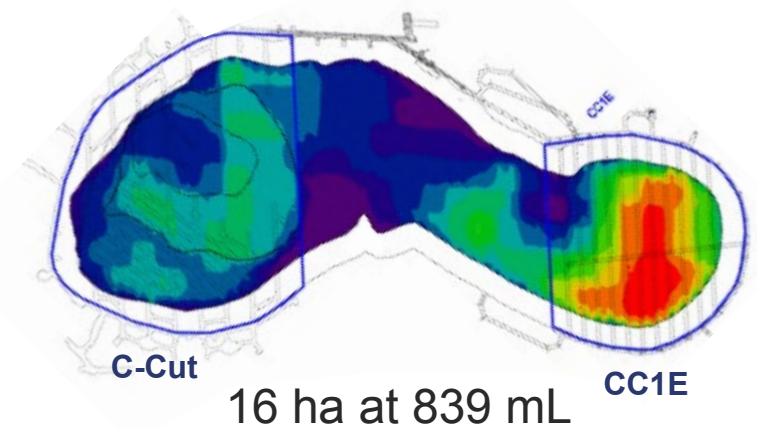
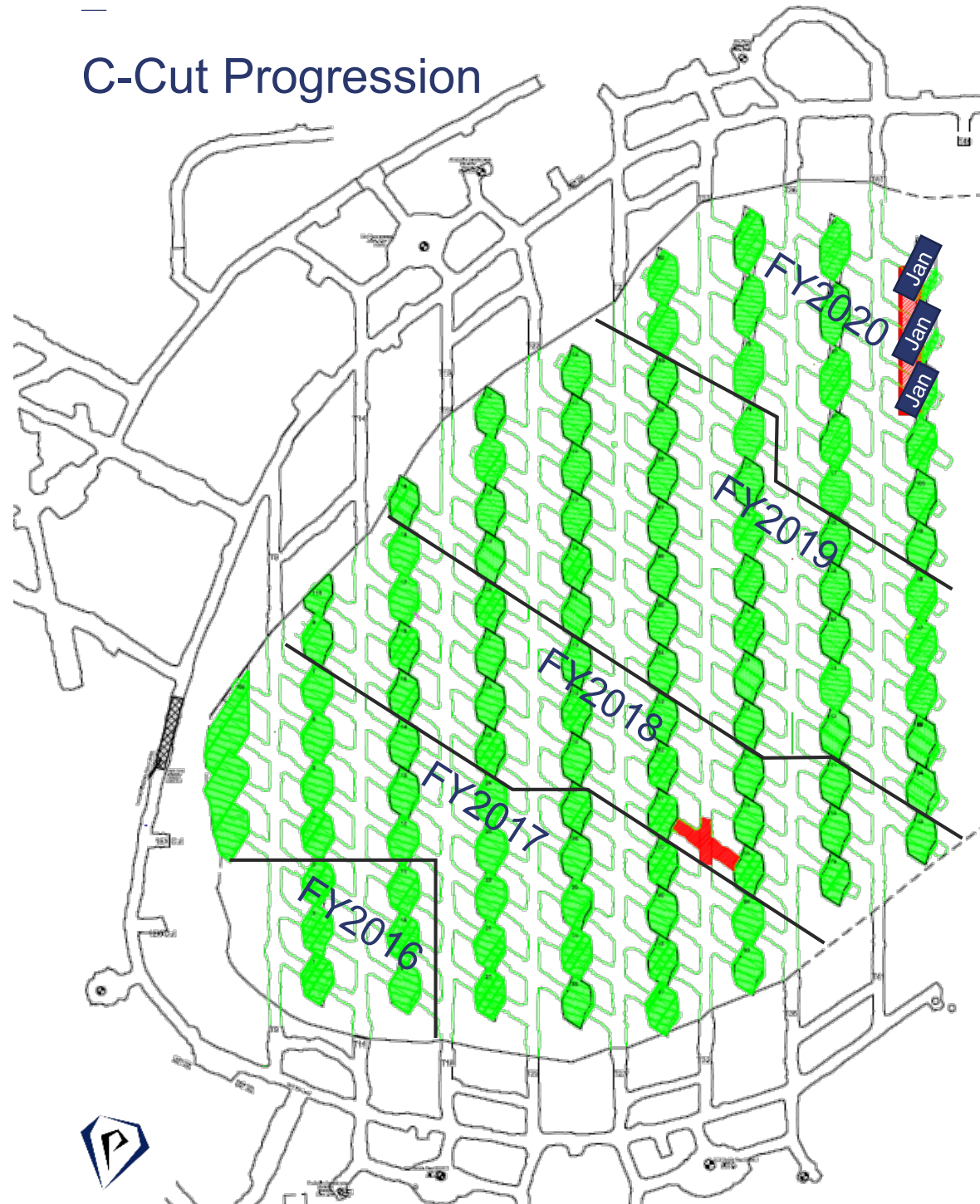


## Steady state production from C-Cut Phase 1 and CC1E to be reached in FY 2020

- Undercut ring blasting commenced FY 2015
- Production levels established at 839m and shaft to 934m commissioned – FY 2016
- New plant with throughput capacity of 4.0 Mt ROM and 2.0 Mt tailings – commissioned Q1 FY 2018
- Ground handling complete with third crusher commissioned Q2 FY 2019
- C-Cut & CC1 East Ramp up
  - FY 2017 – 1.2 Mt
  - FY 2018 – 2.5 Mt
  - FY 2019 – 3.6 Mt
  - FY 2020 – 4.1 Mt EST
    - H1 FY 2020 – 2.3 Mt
    - H1 FY 2020 ROM grade of 37.3 cpht marginally lower than guidance of 38 – 42 cpht



## C-Cut Progression



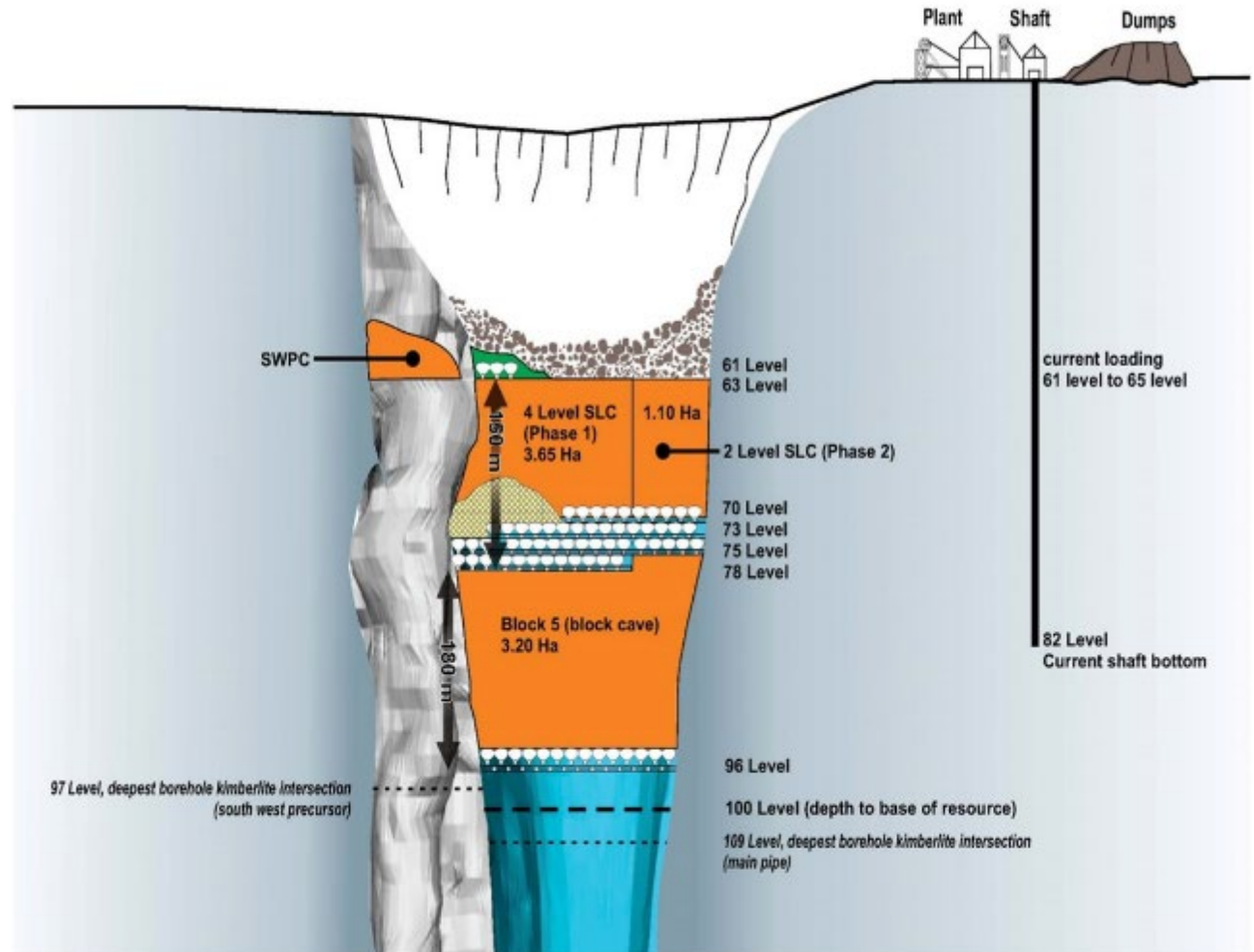
*The last 3 draw-bells of 107 planned were slotted in December 2019*

- Draw-bell installation scheduled to be completed at the end of January 2020 with a total of 107 draw-bells
- Cave maturity will follow the draw-bell opening sequence with draw-bells requiring roughly 12 months to reach maturity
- Production across the full footprint is expected to provide reduced grade and value volatility, although some variability may still be observed

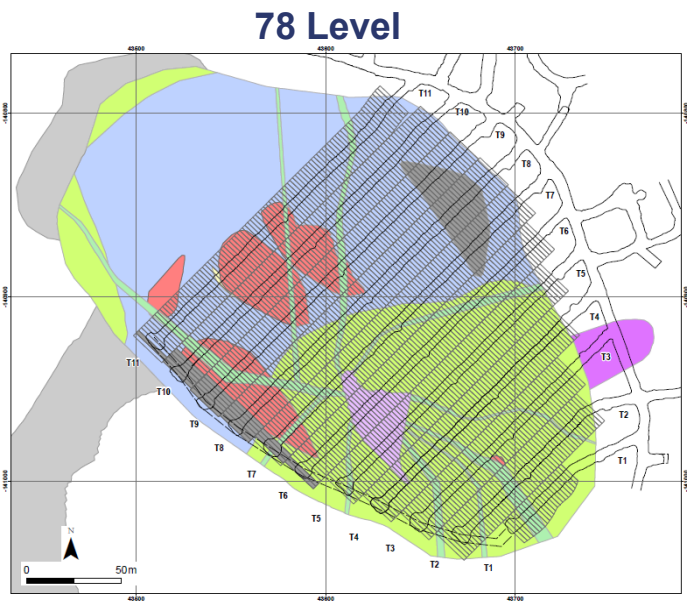
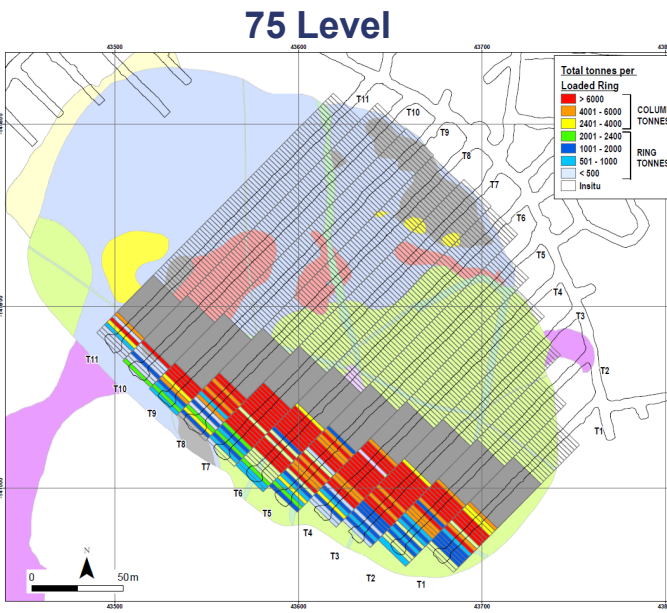
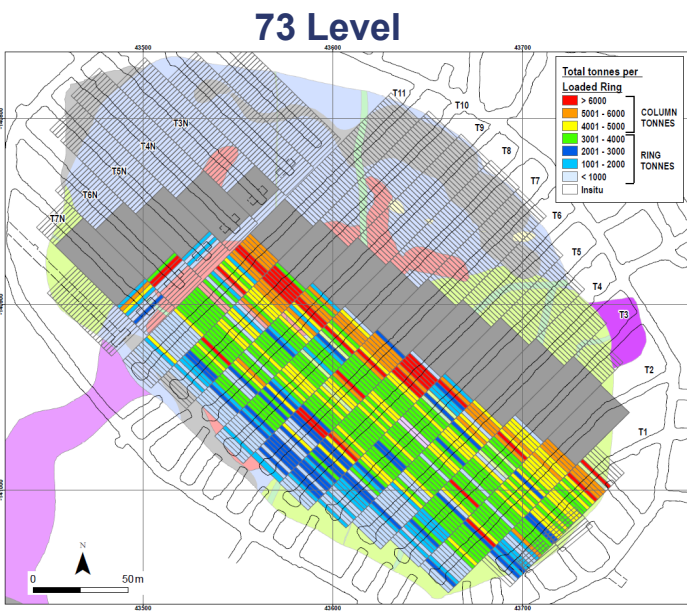
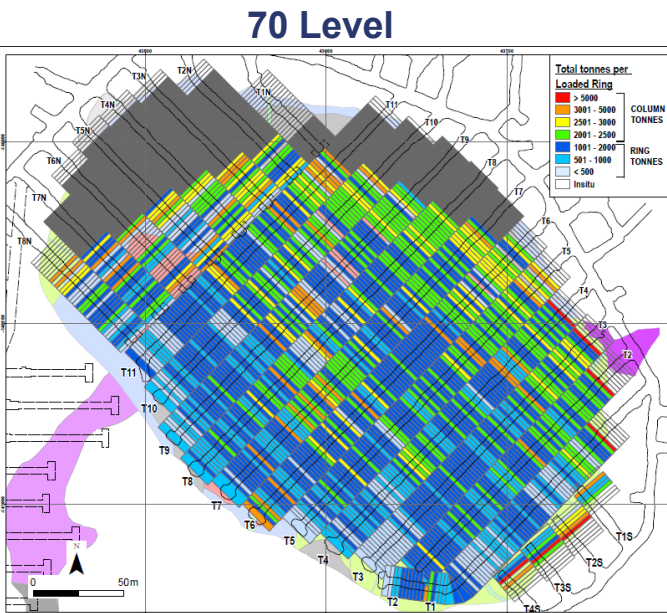
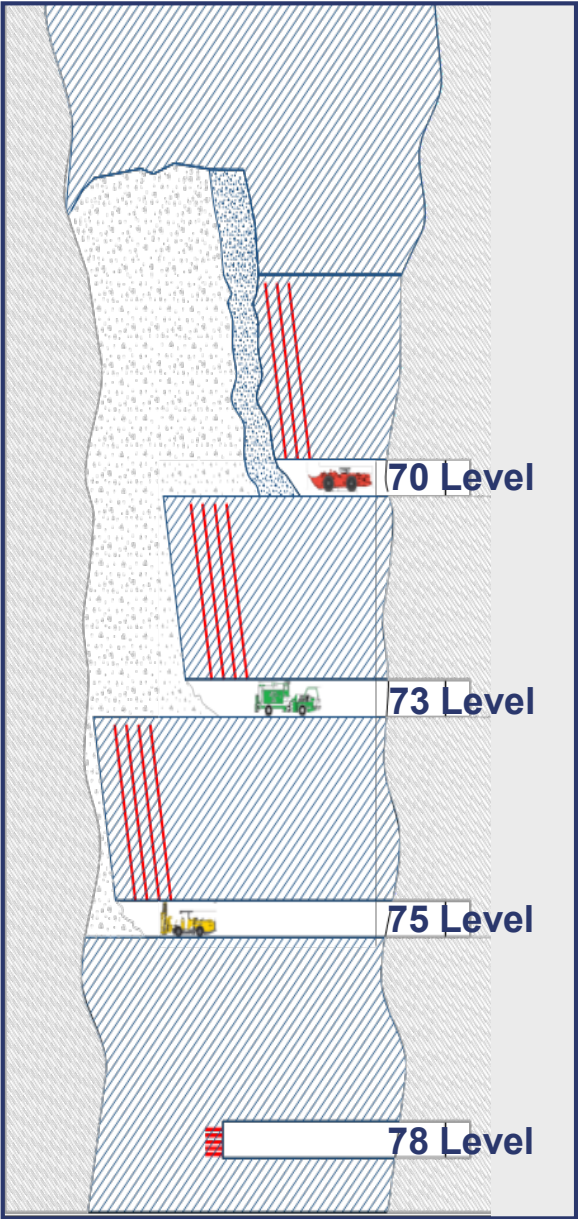


## Steady state production from Block 5 SLC to be reached in H2 FY 2020

- Block 5 SLC production commenced from first tunnels on 70L – FY 2016
- Production on 75L commenced in Q3 FY 2018; all tunnels in production in Q3 FY 2019
- Construction of ground handling infrastructure completed in Q1 FY 2019
- Block 5 SLC ramp up:
  - FY 2017 – 0.8 Mt
  - FY 2018 – 1.7 Mt
  - FY 2019 – 2.5 Mt
  - FY 2020 – 2.9 Mt EST
    - H1 FY 2020 – 1.5 Mt
    - H1 FY 2020 ROM grade of 57.4 cpht in line with guidance of 54 – 57 cpht



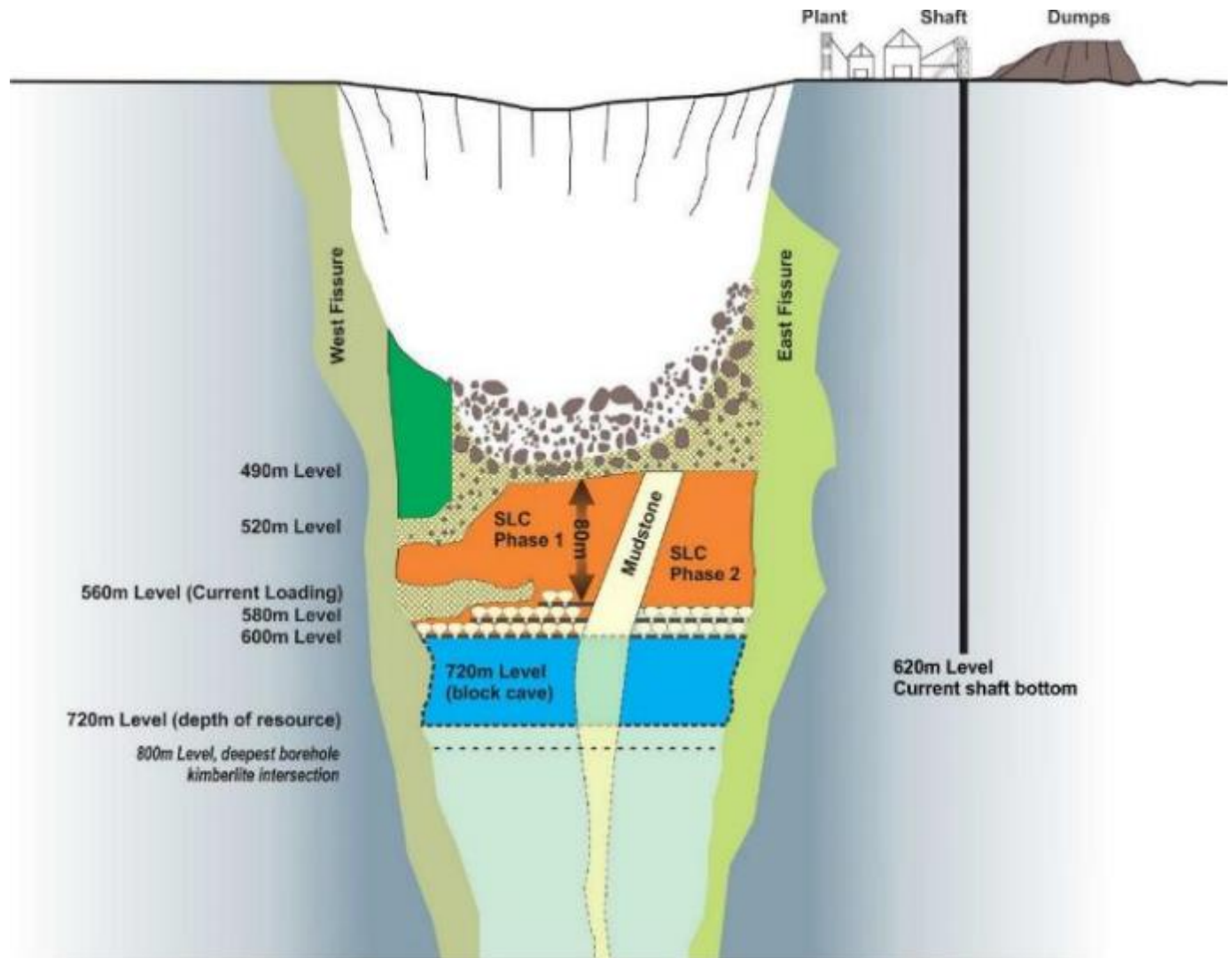
# Block 5 SLC Progression





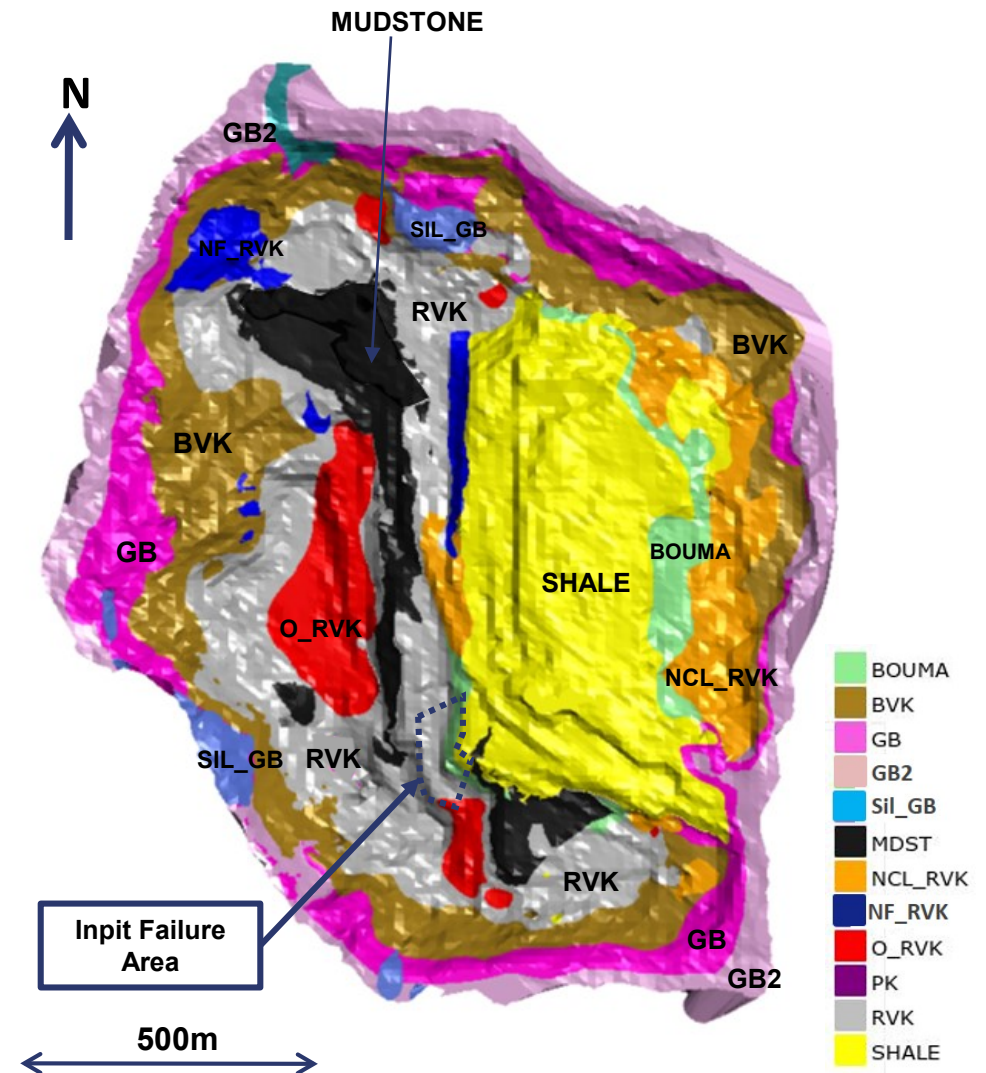
## Steady state production from SLC was reached in FY 2019

- Production commenced from 56 Level SLC – FY 2015
- Ground handling system commissioned – Q3 FY 2018
- Production from 60L commenced – Q2 FY 2019
- SLC Production Ramp Up
  - FY 2017 – 0.6 Mt
  - FY 2018 – 0.7 Mt
  - FY 2019 – 1.0 Mt
  - FY 2020 – 1.0 Mt EST
    - H1 FY 2020 – 0.56 Mt
    - H1 FY 2020 ROM grade of 7.9 cpht marginally below guidance of 8.0 – 8.5 cpht



## Steady state production achieved in FY 2018

- New mill plant commissioned H2 FY 2017
- FY 2019 – best production results since 1977
  - FY 2019 – 5.0 Mt ROM / 0.4 Mt alluvial
  - FY 2019 – 399 Kcts / \$93.0 Mt
  - FY 2020 – 5.0 Mt ROM EST
    - H1 FY 2020 – 2.6 Mt ROM
    - H1 FY 2020 ROM grade of 8.1 cpht ahead of guidance of 6.5 – 7.0 cpht
- 21 Jan 2020: Pit slump of ca. 1.3 Mt on SW sector of pit
  - No impact on FY 2020 expected due to mine running ahead of plan
  - Mitigation plan currently underway to alleviate impact on future production
- Discussions ongoing with Government of Tanzania and local advisers in relation to the overdue VAT receivables and the blocked parcel







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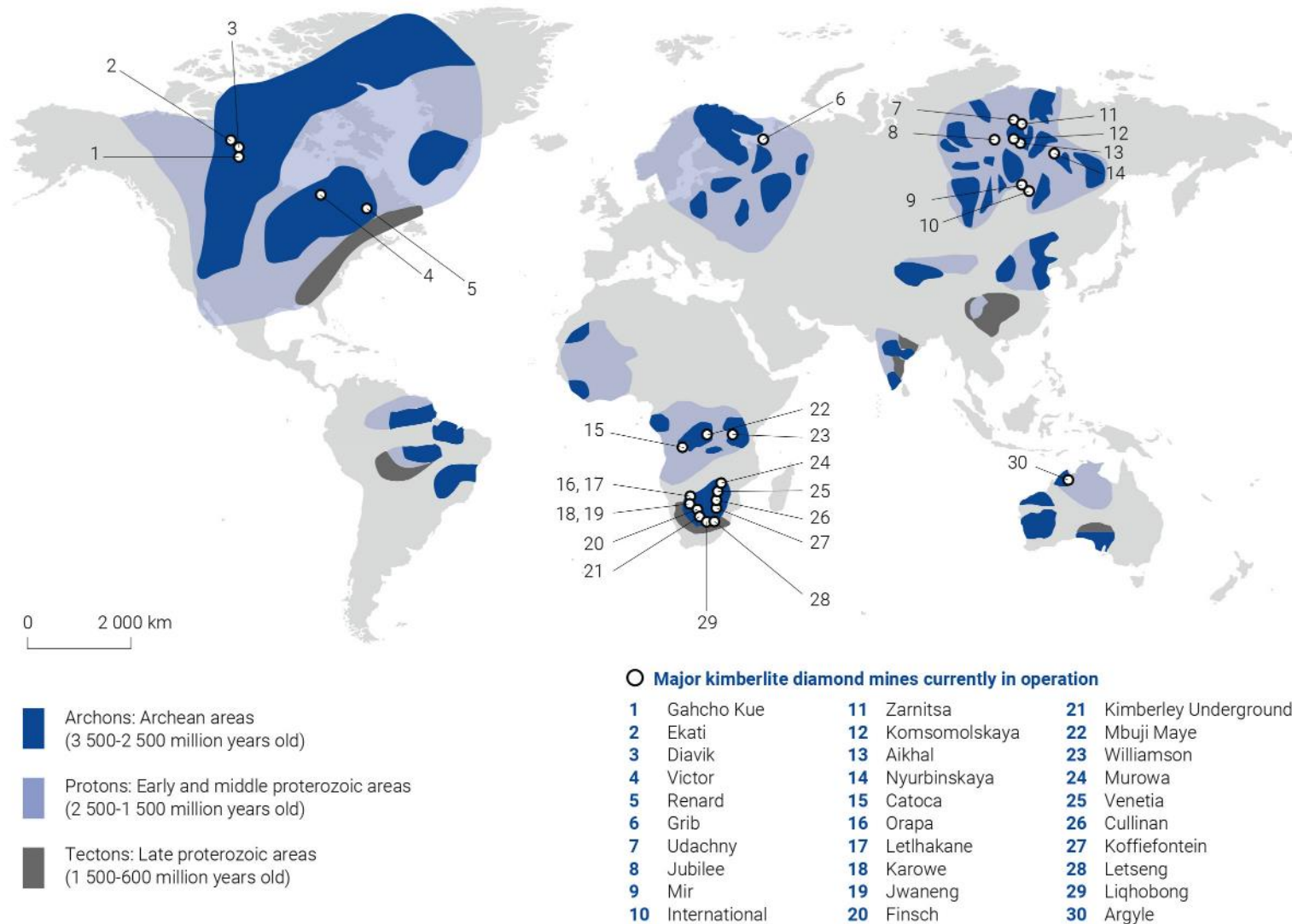
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# Diamond Market Overview



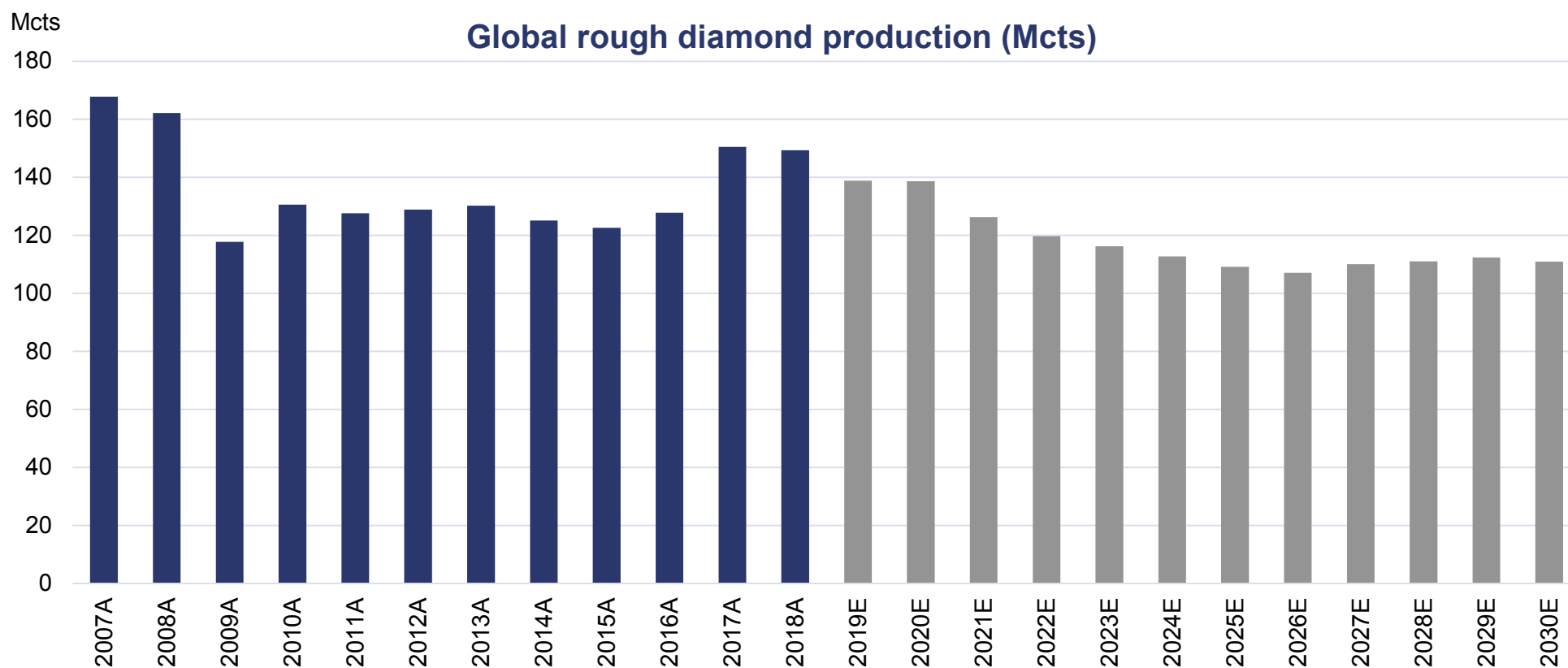
# Only 30 significant kimberlite mines in production today

- Market downturn could lead to an acceleration of closures or cancellation of expansion plans



### The supply side outlook continues to contract

- Rough diamond production fell 2% to 148.4 Mcts in 2018 with a value of \$14.5bn (2017: \$14.1bn)
- Argyle mine to close in 2020; produced around 10% of world supply in 2018 and only major source of pink diamonds globally
- World supply projected to fall to 115 Mcts by 2030



Source: Company reports, Kimberley Process and Petra Diamonds

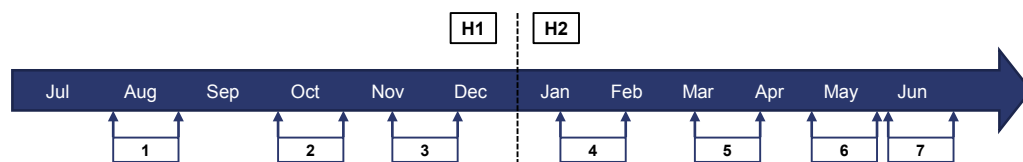


### Short term headwinds affecting pricing

#### H1 FY 2020 Market Performance (Jul to Dec 2019)

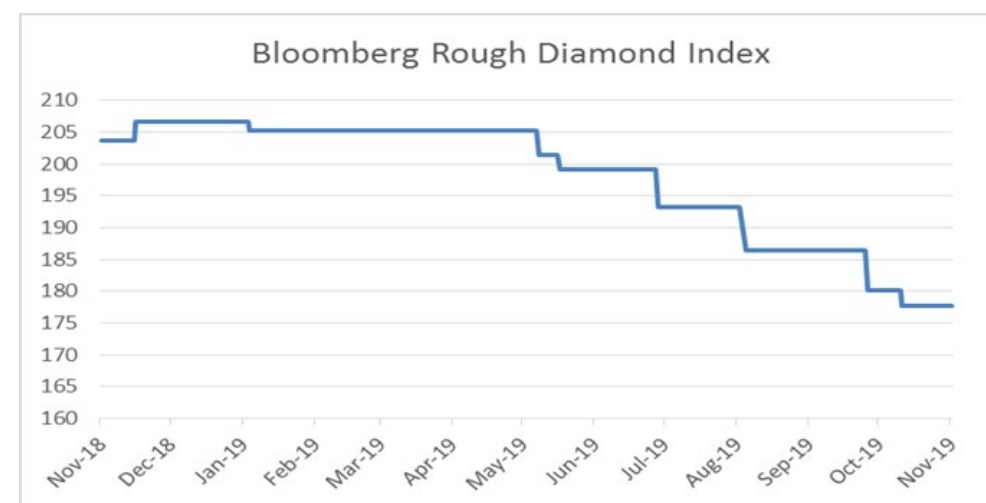
- The first tender in H1 FY 2020 saw like-for-like prices down ca. 4% over Q4 FY 2019, with October seeing some stabilisation and a modest improvement in the December 2019 tender – result was prices were ca. -3% in H1 FY 2020
- Early indications are that H2 FY 2020 prices have firmed somewhat as midstream participants restocked after relatively positive holiday season sales
- Continued supply discipline by the leading diamond mining companies will remain a key factor in the health of the rough market in 2020
- Challenges to the recovery in the diamond market include progress in normalising US/China trade, the impact of the Coronavirus and continuing unrest in Hong Kong

#### Petra sales calendar



Rough Diamond Prices	H1 FY 2020 US\$/ct	FY 2019 US\$/ct	H1 FY 2019 US\$/ct
Cullinan <sup>1</sup>	112	99	105
Finsch	79	110	96
Koffiefontein	431	480	447
Williamson	184	231	223
Group average	111	124	119

1. Includes revenue from special stones in H2 FY 2019 and H1 FY 2020





# The DPA aims to actively influence consumer demand for diamonds

## Global consumer demand grew 2% in 2018 to \$76bn<sup>1</sup>

- China (+4.7%) and the US (+4.5%) were the fastest growing regions

## Generic marketing

- Budget of +\$70m for 2019; primary focus on the US (>50% market share) with additional programmes in China, India and Europe
- Marketing campaigns based on extensive customer research and use broad range of innovative channels to reach focused target audience

## Total Clarity

- Aim to build consumer trust in mined diamonds by addressing stereotypical myths and misconceptions
- Independent assessment of the value created by the diamond mining industries for stakeholders

## Trade education and assistance

- Continuous engagement with trade, education programmes and production of customisable assets to assist with marketing diamonds to consumers

## Dispelling myths about our industry

Estimated carbon emissions of laboratory-grown diamonds is 3 times more than natural diamonds.

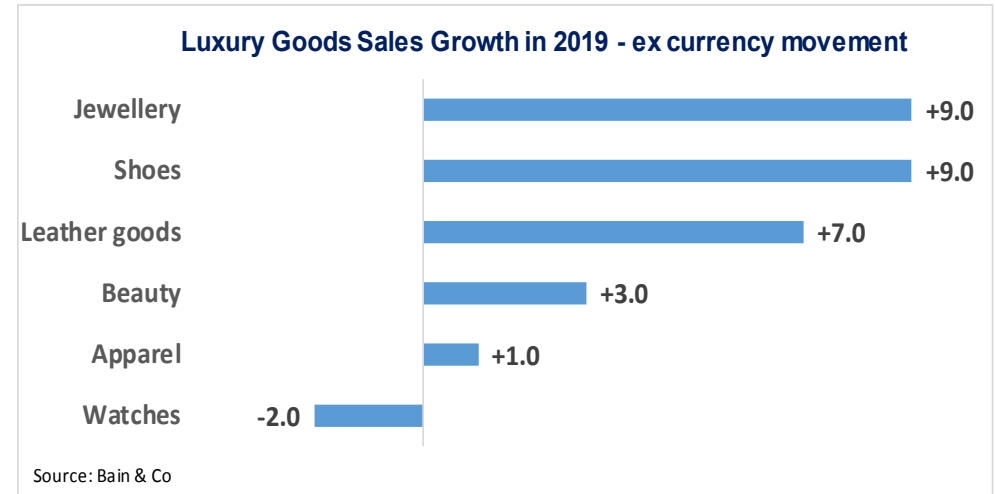


Source: DPA Analysis, Environmental Protection Agency

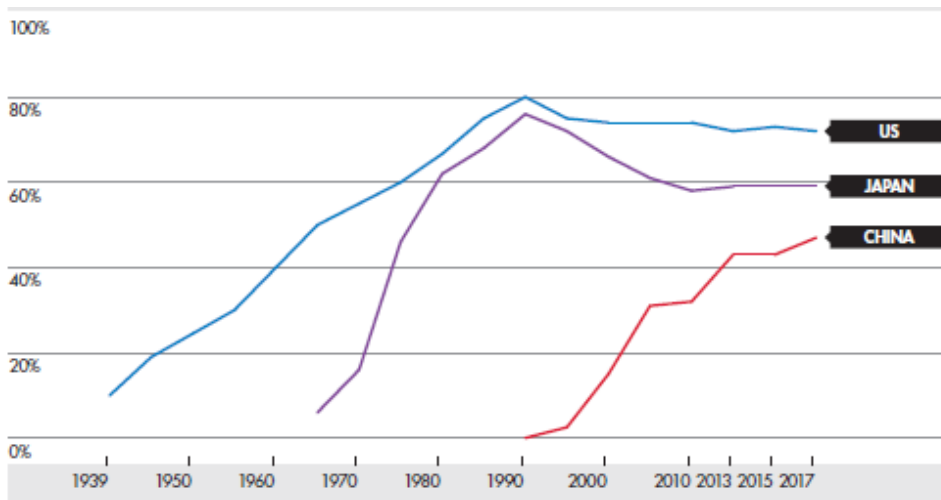
## Positive Outlook for Luxury Jewellery Market

# LVMH acquisition of Tiffany signals confidence in jewellery sales potential

- LVMH acquires Tiffany for \$16.2bn – largest deal ever in the luxury goods space
- Personal luxury goods market +4% to €281 billion in 2019, despite geopolitical turbulence and recession fears (preliminary data by Bain & Co)
- Branded diamond jewellery sector noted as being one of the fastest growing categories in the personal luxury goods sector
- Opportunity to expand market for diamond jewellery, which remains ultimate gift to express love and commitment

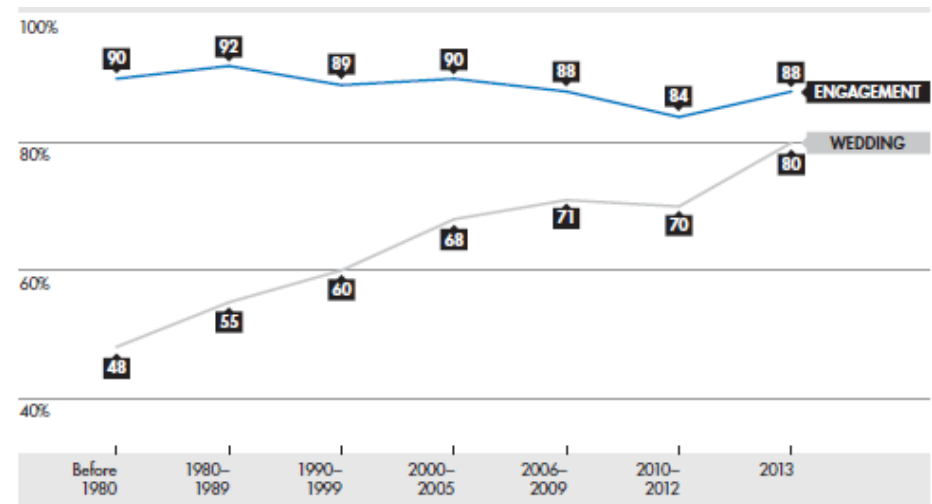


The enduring diamond engagement ring tradition (% of brides receiving a diamond)



Source: De Beers Insight Report 2019

Percentage of diamonds in US engagement and wedding rings



Source: De Beers Insight Report 2019





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# Responsible Mining



# The diamond mining industry generates \$16 billion in net positive socioeconomic and environmental benefits

### OUR PEOPLE



**77,000+**

people employed by DPA Members.



**66%**

more than the national average salary is what the average DPA Member employee earns.



**\$3.9 Billion**

benefits created locally through employment.

### OUR COMMUNITIES



**\$6.8 Billion**

benefits infused into communities through the purchase of local goods and services.



**60%**

of the value created is retained locally, benefitting communities directly and indirectly.



**\$292 Million**

benefits of social programs including education and healthcare.

### OUR PLANET



**1,023 Sq Miles**

of land DPA Members protect; 3x the amount of land that they use.



**83%**

of water used for diamond mining is recycled.



**69%**

less carbon emission per carat than a laboratory-created diamond.





Our Contribution in FY 2019

Driving sustainable development in our local communities

South Africa Tanzania



Capital invested (Capex)  
US\$78.3 million  
US\$8.6 million



Employee wages  
US\$105.4 million  
US\$37.8 million



Social investment  
US\$0.7 million  
US\$0.3 million



Taxes and royalties  
US\$42.2 million  
US\$7.1 million



Supplier expenditure  
US\$199.4 million  
US\$62.9 million

Our Values



Let's do no harm



Let's make a difference



Let's do it right



Let's take control



Let's do it better



# By developing our assets responsibly, we unlock value for all stakeholders

### Our People

- Extensive education, training and development from school pupils to staff and wider community members
- Ca. \$6.6m training spend in FY 2019

### Occupational Health

- 100% of employees offered voluntary HIV/AIDS testing
- Williamson Diamonds Hospital continues to provide subsidised healthcare to all employees, dependents and external communities

### Community Development

- Enterprise Development Centres at all South African operations to develop local businesses
- Artisanal mining initiative launched at Koffiefontein
  - Establishment of Koffiefontein Community Mining Primary Cooperative
  - Transfer of certain tailings resources to the benefit of the community

### Environment Management

- Successful reduction of carbon footprint for 5 consecutive years and improved CDP disclosure score from C to B
- No major environmental incidents reported for 9 consecutive years

ca. **68,000**<sup>1</sup>  
people are  
dependent on  
our operations



**33%** of Leadership  
Development  
Programme  
are women



**72%** of water  
used on mine  
is recycled



**8%** decrease in  
carbon emitted  
per carat



<sup>1</sup> Petra employed 6,788 employees and contractors as at 30 June 2019, but given the generally accepted 'multiplier effect' in South Africa and Tanzania, ca. 68,000 people are dependent on our operations



## Playing a Positive Role within our Communities



Petra constructed the Multi Sports Facilities for use by 3 local primary schools, using labourers from the local community and thereby providing sports facilities for a total of 3,597 children



Petra constructed an expansion of the Onverwacht Primary School, using local SMMEs and labourers; 4 new classrooms and a canteen were built and the Grade R Block extended



Petra constructed the Lethabong Day Centre within the Onverwacht school grounds, with 3 classrooms and facilities for both the staff and the children. This centre allows pupils who were often absent caring for siblings to attend school while their siblings attend the Centre



4 local primary schools were provided with the My Maths Buddy programme in order to support the improvement of maths skills



Cullinan hosts mine tours for local students annually in order to assist with careers guidance



The Petra Foundation funded the construction of a new science laboratory for the Chipa-Tabane High School







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# Outlook





# Focus on the execution of Project 2022 to reduce leverage against the backdrop of a challenging diamond market

Evolution of Board and Senior Management



3 Year Succession Plan implemented and organisational design review completed

Consistent operational delivery against market expectations



Operations running ahead of plan and on track to meet FY 2020 guidance

Generation of free cash flow to reduce leverage



Project 2022 seeks to optimise operations and drive cost and capital efficiencies in order to maximise free cash flow

Support of diamond market via Diamond Producers Association (“DPA”)



While rough market remains challenging, consumer demand is stable and growing





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## Appendix





## Capital Structure

### Share Price (1 year to 27 January 2020)



#### Listing

LSE: PDL

Average daily trading volume (shares) – (LTM)	5.3m
Shares in issue	865.4m
Free float	94.7%
Market cap @ 9.7p (27 January 2020)	£81m / \$105m

#### Major Shareholders as at 27 January 2020

#### % Voting rights

Standard Life Aberdeen plc	15.2%
M&G Plc	10.2%
Cobas Asset Management	5.0%
Lazard Asset Management	4.9%
Directors	2.0%

#### Petra Diamonds Corporate Bond

Issue date:	May 2017
Issue size:	US\$650 million
Coupon:	7.25%
Maturity:	May 2022



## Board of Directors



**Adonis Pouroulis**  
Non-Executive Chairman

*Nomination Committee*



**Richard Duffy**  
Chief Executive  
*Appointed April 2019*

*Executive Committee  
HSE Committee  
SED Committee*



**Jacques Breytenbach**  
Finance Director

*Executive Committee  
SED Committee*



**Tony Lowrie**  
Senior Independent  
Non-Executive Director

*Audit & Risk Committee  
Nomination Committee  
Remuneration Committee*



**Dr Patrick Bartlett**  
Independent Non-Executive  
Director

*Audit & Risk Committee  
Nomination Committee  
Remuneration Committee  
HSE Committee*



**Petra Hill**  
Independent Non-  
Executive Director and  
Chairman-Designate  
*Appointed January 2020*

*Peter will assume the role  
of Chairman from 31  
March 2020*



**Gordon Hamilton**  
Independent Non-  
Executive Director

*Audit & Risk Committee  
Nomination Committee  
Remuneration Committee*



**Octavia Matloa**  
Independent Non-  
Executive Director

*Audit & Risk Committee  
SED Committee (Chair)*



**Varda Shine**  
Independent Non-Executive  
Director  
*Appointed January 2019*

*Remuneration Committee  
SED Committee*



**Bernard Pryor**  
Independent Non-Executive  
Director  
*Appointed January 2019*

*HSE Committee (Chair)  
Audit & Risk Committee*



# Consistent producers of world-class diamonds with exceptional heritage



**The Star of Josephine**  
26.6ct rough, 7.0ct polished  
**sold for \$9.5m** (\$1.35m/ct)  
Cullinan, 2009



**The Cullinan Heritage**  
507.5ct rough, 104ct polished  
**sold for \$35.3m**  
Cullinan, 2009



**25.5ct blue diamond**  
**sold for \$16.9m** (\$663k/ct)  
Cullinan, 2013



**The Blue Moon of Josephine**  
29.6ct rough, 12.0ct polished  
Rough **sold for \$25.5m**  
(\$862k/ct) and polished sold for  
\$48.5m (+\$4m/ct = world record)  
Cullinan, 2014



**The Cullinan Dream**  
122.5ct rough, 24.1ct polished  
Rough **sold for \$27.6m**  
Cullinan, 2014



**32.3ct pink diamond**  
**sold for \$15.0m** (\$463k/ct)  
Williamson, 2016



**The Legacy of the Cullinan  
Diamond Mine**  
424.8ct rough **sold for \$15.0m**  
Cullinan, 2019



**20.0ct blue diamond**  
**sold for \$14.9m** (\$741k/ct)  
Cullinan, 2019





## FY 2019 vs. FY 2018 Operational Results

		Finsch		Cullinan		Koffiefontein		Williamson	
	Unit	FY 2019	FY 2018	FY 2019	FY 2018	FY 2019	FY 2018	FY 2019	FY 2018
<b>ROM PRODUCTION</b>									
Tonnes treated	Tonnes	<b>3,073,479</b>	3,084,395	<b>4,119,406</b>	3,741,086	<b>1,000,726</b>	649,259	<b>5,082,319</b>	4,659,563
Grade	cpht	<b>56.1</b>	62.5	<b>38.6</b>	35.9	<b>6.4</b>	8.1	<b>7.6</b>	7.0
Diamonds recovered	Carats	<b>1,724,265</b>	1,926,467	<b>1,589,707</b>	1,342,020	<b>63,635</b>	52,537	<b>386,016</b>	328,681
<b>TOTAL PRODUCTION</b>									
Tonnes treated	Tonnes	<b>3,297,047</b>	3,879,368	<b>5,075,441</b>	4,153,835	<b>1,000,726</b>	649,259	<b>5,495,470</b>	5,045,284
Diamonds recovered	Carats	<b>1,755,768</b>	2,073,477	<b>1,655,929</b>	1,368,720	<b>63,635</b>	52,537	<b>399,615</b>	341,102
<b>SALES</b>									
Diamonds sold	Carats	<b>1,711,311</b>	2,152,786	<b>1,562,922</b>	1,335,669	<b>60,291</b>	51,936	<b>402,329</b>	253,524
Average price per carat	US\$	<b>99</b>	108	<b>110</b>	125	<b>480</b>	525	<b>231</b>	270
Revenue	US\$M	<b>170.2</b>	231.9	<b>171.4</b>	167.0	<b>28.9</b>	27.2	<b>93.0</b>	68.5
On-mine cash cost per tonne treated	ZAR	<b>388</b>	329	<b>234</b>	239	<b>450</b>	596	<b>11.1</b>	10.7
Capex	US\$M	<b>24.1</b>	54.0	<b>46.3</b>	73.9	<b>6.1</b>	12.3	<b>8.6</b>	4.6



## Bank Debt Facilities – Covenants

Bank debt facilities undrawn and available to the Group as at 31 December 2019 of R1.5 billion (ca. \$107.2 million), in addition to diamond debtors of \$12.8 million and cash at bank of \$53.6 million

Covenant	Maintenance Covenants				Distribution Covenants
	12 months to 31 Dec 2019 <sup>4</sup>	12 months to 30 Jun 2020	12 months to 31 Dec 2020	12 months to 30 Jun 2021	All periods
	Required ratio	Required ratio	Required ratio	Required ratio	Required ratio
Consolidated Net Debt <sup>1</sup> to Consolidated EBITDA	≤4.25x	≤3.5x	≤3.25x	≤3.0x	≤2.0x
Consolidated EBITDA to Consolidated Net Finance Charges	≥2.5x	≥2.75x	≥3.0x	≥3.25x	≥6.0x
Consolidated Net Senior Debt <sup>2</sup> to Book Equity <sup>3</sup>	≤0.4x	≤0.4x	≤0.4x	≤0.4x	≤0.3x

<sup>1</sup> Consolidated Net Debt is bank loans and borrowings plus loan notes, less cash, less diamond debtors and includes the BEE guarantees of ca. US\$49.3 million (ZAR689.5 million) as at 31 December 2019 (ca. US\$52.1 million (ZAR790.4 million) as at 30 September 2019)

<sup>2</sup> Consolidated Net Senior Debt means at any time the Consolidated Net Debt (excluding any second lien and other subordinated debt)

<sup>3</sup> Book Equity is Equity excluding accounting reserves

<sup>4</sup> The South African lender group has consented to a waiver of the EBITDA related covenant ratios for the December 2019 measurement period



## Debt Facilities

Lender	Type	Size ZARM	Size US\$M <sup>1</sup>	Utilised at 30 June 2019 US\$M <sup>1</sup>	Interest Rate	Commitment fee on undrawn facilities	Repayment
Absa & Nedbank	ZAR Revolving credit facility	1,000	71	0	1M JIBAR + 5.0% <sup>2</sup>	1.35% <sup>2</sup>	October 2021
Absa & RMB (FNB)	ZAR Working capital facility	500	36	0	SA Prime – 1.0%	0.85%	Subject to annual renewal

Consolidated Net Debt to Consolidated EBITDA	Additional interest rate ratchet	Additional commitment fee ratchet
≤ to 2.5:1	0.0%	0.0%
> 2.5:1 but ≤ 3.0:1	+1.0%	0.0%
> 3.0:1 but ≤ 3.5:1	+2.0%	+0.225%
> 3.5:1 but ≤ 4.0:1	+3.0%	+0.450%
> 4.0:1	+4.0%	+0.675%

<sup>1</sup> Converted to USD using exchange rate of ZAR13.99/USD1

<sup>2</sup> The ZAR Revolving Credit Facility is subject to margin and commitment fee ratchet mechanisms contingent on the Consolidated Net Debt: Consolidated EBITDA covenant levels at each measurement date – see <https://www.petradiamonds.com/investors/fixed-income-investors/banking-facilities/> for further information





## Analyst Guidance FY 2020 – Group Capex Profile

Operation	Financial Year	2020
Finsch	ROM tonnes treated (Mt)	2.9 – 3.0
	Expansion Capex (ZARm)	122
	Sustaining Capex (ZARm)	102
Cullinan	ROM tonnes treated (Mt)	4.0 – 4.2
	Expansion Capex (ZARm)	144
	Sustaining Capex (ZARm)	57
Koffiefontein	ROM tonnes treated (Mt)	1.0
	Expansion Capex (ZARm)	41
	Sustaining Capex (ZARm)	22
PETRA (SA Operations)	Expansion Capex (ZARm)	307
	Sustaining Capex (ZARm)	181
Williamson	ROM tonnes treated (Mt)	5.0
	Alluvial tonnes treated (Mt)	0.3
	Sustaining Capex (USDm)	7
PETRA (All Operations)	ROM tonnes treated (Mt)	12.9 – 13.2
	Tailings / other tonnes treated (Mt)	0.3
	Expansion Capex (USDm)	22
	Sustaining Capex (USDm)	20



<sup>1</sup> All Capex numbers stated in FY 2020 money terms (ZAR14.0/US\$1 where applicable)

<sup>2</sup> Depreciation on mining assets for FY 2020 guided at ca. US\$85-90 million at R14.0/US\$1

## Tailings Residue Deposit Management in line with Best Practice

- In South Africa risk-based **mandatory Codes of Practices** (“COP”)<sup>1</sup> are available for all residue deposits at our mines as required by, and according to set guidelines from the Department of Mineral Resources (DMR), Mine Health and Safety Inspectorate. All COP documents are signed off by the DMR and the respective third party appointed Professional Engineers.
- The Williamson diamond mine in Tanzania does not require a COP by law but, since 2016, in line with best practice Petra developed and implemented operating practices, set out in an operating manual, similar to a COP for the mine’s tailings deposits.
- Petra differentiates between a **Coarse Residue Deposit** (CRD) and a **Fine Residue Deposit** (FRD). All operations make use of CRDs and FRDs. Coarse tailings (particles > ca. 0.5mm) are normally deposited on a CRD whilst fine tailings (particles < ca. 0.5mm) are deposited on a FRD. Petra employs a dry conveying and stacking method for the CRD whilst the fine tailings are normally pumped to a FRD.
- Generally, CRDs are relatively stable structures that do not impound water and therefore do not pose a risk of wall breach and flooding. At some operations, older CRDs are being re-treated to extract residual diamonds lost in the diamond winning process during earlier years when diamond winning technology was less efficient.
- All residue facilities are constructed using the upstream deposition method. The outer walls are constructed with the coarser fraction of the fines residue whilst the finer fraction will settle in the dam basin, maintaining the pool away from the embankment walls. Supernatant and storm water are pumped off the deposits on a continuous basis to reuse in the diamond winning process.
- At **Finsch** there are five FRDs; four of the facilities are located on the eastern side of the mining area with three being active and one decommissioned as current deposition rates do not require it to be used. A further facility is located on the western side of the mining area and is also active. At **Koffiefontein** there are three FRDs of which two are currently being used for fines residue deposition. The third dam has been rehabilitated and is no longer utilised. At **Cullinan** there is only one FRD, referred to as the No.7 dam. At the **Williamson** mine in Tanzania there are two FRDs of which one is currently active.
- In addition to internal compliance, assurance and performance audits, third party Professional Engineers together with mine geotechnical engineers are appointed by Petra to oversee and provide assurance on the design and operational standards of the tailings facilities through quarterly inspections.
- Further to third party assurance, annual external audits are conducted in line with OHSAS18001:2007 and ISO 14001:2015 management standards and ad hoc inspections are carried out by the regulator.
- Important parameters that are being recorded, documented and managed include the overall condition of side slopes, benches and basin, drain flow records, deposition rates and corresponding rate of rise, freeboard, the phreatic surface level, structural integrity of the penstocks, pool size and location, impact on surrounding environment and potential zone of influence.

<sup>1</sup> COP includes and refers to the design, managerial instructions, recommended standards and procedures required to manage and monitor the operation of facilities





PetraDiamonds

Thank you

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