Forward-looking information

This investor presentation contains forward-looking statements and information as defined in applicable securities laws including: the estimates of the Company’s mineral reserve and resources; estimates of the Company’s production volumes; forecasted sales volumes and pricing; projected revenues of the Company; exploration and development plans and objectives including a new resource statement; estimated production costs, exploration and development expenditures; estimates of ore to be mined by the Company and corresponding operating and sustaining costs; and the cost, timing and results of the commercialization of Clara. Generally, these forward-looking statements can be identified by the use of forward-looking terminology such as “expects”, “anticipates”, “believes”, “intends”, “estimates”, “potential”, “possible” and similar expressions, or statements that events, conditions or results “will”, “may”, “could” or “should” occur or achieved. Forward-looking statements are based on the assumptions, opinions and estimates of management as of the date such statements are made, and they are subject to a number of known and unknown risks and uncertainties which may cause the actual results, performance or achievements of the Company to be materially different from any future results, performance or achievement expressed or implied by such forward-looking statements. In particular, such risks include general business and economic conditions, changes in interest and foreign currency rates, the supply and demand for, deliveries of and the level and volatility of prices of rough diamonds, costs of power and diesel, acts of foreign governments and the outcome of legal proceedings, inaccurate geological and recoverability assumptions (including with respect to the size, grade and recoverability of mineral reserves and resources), unanticipated operational difficulties (including failure of plant, equipment or processes to operate in accordance with specifications or expectations), cost escalations, unavailability of materials and equipment, government action or delays in the receipt of government approvals, industrial disturbances or other job actions, adverse weather conditions, unanticipated events relating to health safety and environmental matters, delays or failure to successfully commercialize Clara’s platform, acceptance of Clara’s platform by the diamond industry, risks relating to the technology underlying Clara’s platform and other risks inherent in the implementation of new technologies, and other risks and uncertainties describe under Risks and Uncertainties disclosed under the heading “Risk Factors” in the Company’s most recent Annual Information Form available at http://www.sedar.com.

Forward-looking statements and information speak only as of the date the statements were made, and the Company does not assume any obligations to update or revise them to reflect new events or circumstances, except as required by law. Readers are cautioned not to place undue reliance on forward-looking statements and information. This presentation does not constitute an offer or invitation to purchase or subscribe for any securities and no part of it shall form the basis of or be relied upon in connection with any investment decision in relation thereto.

Technical information


The authors of these technical reports are independent of the Company and are qualified persons for the purposes of National Instrument 43-101 – Standards of Disclosure for Mineral Projects (“NI 43-101”). The technical reports are available for review on SEDAR at www.sedar.com.

All currencies mentioned in this presentation are in United States Dollars (“US$”) unless otherwise mentioned.
LUCARA DIAMOND INVESTMENT CASE

All currency figures in U.S. Dollars, unless otherwise stated

<table>
<thead>
<tr>
<th>100% Owned</th>
<th>100% Owned</th>
<th>Dividend &amp; Strong Balance Sheet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Karowe Diamond Mine, Botswana</td>
<td>Clara Diamond Solutions</td>
<td>CDN $0.10 per share = $30.3 million paid in 2018</td>
</tr>
<tr>
<td>Strong safety and operational performance in 2018</td>
<td>Inaugural sale successfully completed</td>
<td>US$249 million paid since 2014</td>
</tr>
<tr>
<td>Record recoveries of Specials (diamonds &gt;10.8 carats in size)</td>
<td>Achieved higher rough diamond prices over traditional tender system and higher margins for purchasers</td>
<td>Q1 2019 dividend of C$0.025 per share will be paid on April 11, 2019</td>
</tr>
<tr>
<td>New mineral resource statement; orebody becoming more valuable with depth</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Significant de-risking of potential underground development</td>
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<td></td>
</tr>
</tbody>
</table>

342 ct
Large, High Value Diamonds
7.9 million carats at $673/ct (Indicated)

Open Pit Reserves to 2026
Potential underground expansion to at least 2036

Innovative Design
First diamond mine to use state of the art XRT technology for primary diamond recovery
HISTORIC DIAMOND RECOVERIES

Lucara has become renowned as one of the world’s foremost producers of large, gem quality diamonds

Lesedi La Rona
1109 carat
Second largest gem diamond ever recovered in the world

Constellation
813 carat
Sold for a record $63.1 M USD
Stable dynamics, but weaker prices observed in small goods (half a carat or less). Demand led by USA, followed by China; supply and demand fundamentals expected to widen post 2020 as large mines deplete. Synthetics ~ 5% of market, mostly in smaller goods, no threat to natural.

Over the next decade, millennials will be the highest-spending generation from 2020 and the leaders in luxury spending, especially in China.

**ROUGH DIAMOND SUPPLY AND DEMAND**

- **Optimistic Demand**
- **Base Demand**
- **Optimistic Supply**
- **Base Supply**

2000-2030: 2019 prices, constant exchange rates, optimistic and base scenarios

Notes:

- Rough-diamond demand has been converted from polished-diamond demand using a historical ratio of rough to polished diamond values.
- Source: Bain & Company - Global Diamond Report 2017
LUCARA DIAMOND SALES 2018

(All amounts in U.S. Dollars unless otherwise indicated)

350,798 carats sold for an average price (AP) of $502/ct and revenues of $176.2 million

Record year for Specials (+10.8 carats):

• 829 stones = 24,793 carats
• 28 diamonds > 100 carats
• 5 stones >300 carats.
• 12 diamonds sold for > $2 million
• 1 diamond sold for in excess of $10 million
Specials contribute ~70% by revenue and ~5% by volume

- Specials consistently high value and gem quality
- Since 2012 a total of 174 diamonds in excess of 100 carats have been recovered, 33 in 2018 alone; 12 diamonds in excess of 300 carats have been recovered, 5 of which were recovered in 2018
- 180 diamonds sold for >$1 million each and 10 single diamonds have sold for >$10 million
GLOBAL ACHIEVED AVERAGE DIAMOND PRICES 2018

(All amounts in U.S. Dollars unless otherwise indicated)

2018 Median: $143 carat
ORGANIC GROWTH
Expanding Karowe Underground Beyond 2026

• Positive PEA 2017 examined potential for underground mine life expansion from 2026 to 2036

• Feasibility Study initiated 2018 (target completion: H2, 2019) which continues to de-risk and enhance economics:
  • Hydrogeology – large drilling campaign in 2018 encountered minimal water strikes at depth and successfully de-risked key water aspects of the project
  • Geotechnical drilling/studies ongoing and will help inform selection of final UG mining method (Sub-level cave and Block Cave, and hybrid scenario being considered)
  • Updated Resource – orebody increasing in grade and value with depth
• 2018 Updated Mineral Resource: 54% increase in the Indicated, South Lobe from 4.42 Mct to 6.78 Mct

• Recognition that the EM/PK(S) is volumetrically the dominant unit at depth within the South Lobe

• EM/PK(S) is higher grade and has larger diamonds – source of Lesedi La Rona and Constellation
Opportunity to *disrupt* the existing supply chain, driving efficiencies and unlocking value.

Rough diamonds are sold stone by stone based on polished demand.

Diamond provenance is assured.

Exclusive collaboration with Sarine Technologies fundamental to the platform.
TWO CLARA SALES COMPLETED
December 2018/January 2019

- Trial sales process completed December – POSITIVE RESULTS
- Second sale completed January – POSITIVE RESULTS IN LINE WITH FIRST
- Participants included large, vertically integrated jewelry houses and global diamond manufacturers
- Feedback being gathered and incorporated in support of the platform moving into continuous sales
- Clara is now ready to receive third-party rough diamond production; discussions with global producers underway
- Clara actively on-boarding additional manufacturers/customers as platform sales are ramped up in 2019

~US$1,500,000
worth of diamonds sold
between one and four carats in size in better colors and qualities

+8% over Lucara’s market price
+15% over Lucara’s reserve price
2018 FINANCIAL HIGHLIGHTS

(All amounts in U.S. Dollars unless otherwise indicated)

<table>
<thead>
<tr>
<th></th>
<th>2017</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>REVENUE (MILLIONS)</strong></td>
<td>$220.8</td>
<td>$176.2</td>
</tr>
<tr>
<td></td>
<td>$167.8*</td>
<td></td>
</tr>
<tr>
<td><strong>ADJUSTED EBITDA (1) (MILLIONS)</strong></td>
<td>$113.5</td>
<td>$60.5</td>
</tr>
<tr>
<td></td>
<td>$65.9*</td>
<td></td>
</tr>
<tr>
<td><strong>CASHFLOW PER SHARE</strong></td>
<td>$0.25</td>
<td>$0.11</td>
</tr>
<tr>
<td><strong>TOTAL SALES (AVERAGE $/CARAT) (1)</strong></td>
<td>$847</td>
<td>$502</td>
</tr>
<tr>
<td></td>
<td>$647*</td>
<td></td>
</tr>
<tr>
<td><strong>OPERATING COST ($/TONNE PROCESSED) (1)</strong></td>
<td>$34.56</td>
<td>$40.93</td>
</tr>
<tr>
<td><strong>EARNINGS PER SHARE</strong></td>
<td>$0.17</td>
<td>$0.03</td>
</tr>
</tbody>
</table>

*Adjusted for the sale of Lesedi La Rona for $53.0 million
(1) Non-IFRS measure
2018 OPERATIONAL HIGHLIGHTS
(All amounts in U.S. Dollars unless otherwise indicated)

ORE MINED (TONNES)

2017: 1,575,052
2018: 3,113,363

ORE PROCESSED (TONNES)

2017: 2,335,550
2018: 2,629,048

CARATS RECOVERED (000'S)

2017: 249,767
2018: 366,086

CARATS SOLD (0000'S)

2017: 260,526
2018: 350,798

REVENUE* ($MILLIONS)

2017: 168
2018: 176

*Adjusted for the sale of Lesedi La Rona in 2017 for $53.0 million
2019 OUTLOOK
(all amounts in U.S. Dollars)

$170 – $200 million
DIAMOND REVENUE

300,000 – 320,000
DIAMOND SALES (CARATS)

300,000 – 330,000
DIAMONDS RECOVERED (CARATS)

2.5 – 2.8 million
ORE TONNES MINED

$32 - $37 per tonne of ore processed
OPERATING CASH COSTS

2.5 – 2.8 million
ORE TONNES PROCESSED

6.0-9.0 million
WASTE TONNES MINED

2.84
AVERAGE STRIP RATIO
CONCLUSIONS

Lucara is a premier, mid-tier, investible diamond company, positioned for long term, sustainable growth

- High margin diamond producer
- Botswana - a low risk jurisdiction
- Strong balance sheet
- Open pit mineable reserves to 2026, potential for underground to least 2036
- Asset diversification and additional revenue stream through Clara
Lucara is a publicly listed company trading under the symbol “LUC”

TSX

NASDAQ Sweden

BSE (Botswana)

~C$725M MARKET CAP

$10 M (Dec 2018) DEBT

396.5M (Dec 2018) ISSUED SHARES

402.0M (Dec 2018) FULLY DILUTED SHARES

US$24.4M (Dec 2018) CASH ON HAND

US$40 M (available) Credit Facility

22% Fully Diluted Basis

INSIDER HOLDINGS