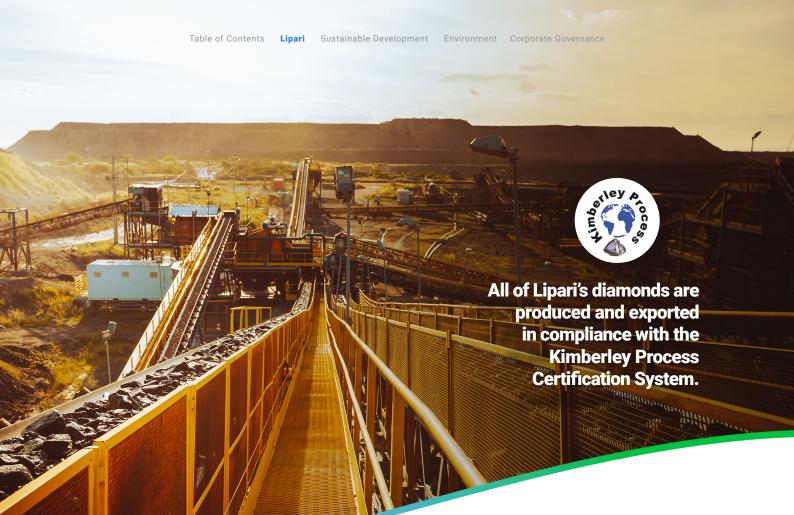




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## ABOUT LIPARI

Lipari Mineração Ltda. ("Lipari" or "the Company") is a private Brazil registered Company which owns 100% of the Brauna diamond mine, located in the Municipality of Nordestina, Bahia State, Brazil. The mine is the first diamond mine in South America that was developed on a kimberlite deposit. The Braúna mine commercial production in July 2016, and as of December 31, 2021 has produced 943.506 carats of natural rough diamonds. The mine operates on a 24x7 basis in accordance with international best practices in the areas of sustainability, health and safety, environment and community relations. Lipari's management team has extensive diamond development and operations expertise, which has helped grow Lipari into South America's largest diamond producer. All of the natural diamond production from the Braúna mine is produced and exported in accordance with the Kimberley Process Certification System ("KPCS") which imposes strict requirements on producers to enable them to certify their shipments of rough diamonds as "conflict-free" and prevent illegally-produced diamonds from entering the legitimate trade.

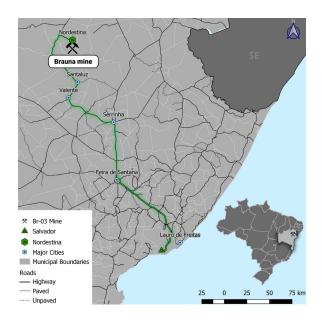
The Company's head office is located in the city of Lauro de Freitas, Bahia. Lipari also has a local community office in Nordestina, situated just 10 kilometres to the north of the mine. The Company has 289 employees, and provides employment to 78 third party contractors. All of Lipari's employees and contractors working at the mine live in Nordestina or the surrounding communities.

Lipari

### BRAÚNA DIAMOND MINE

The Brauna mine is located in the Municipality of Nordestina, a city situated in the interior of the State of Bahia, 350 kilometres to the northwest of the city of Salvador. The mine has been developed on the Braúna 3 kimberlite, one of 22 kimberlite occurrences that have been discovered on Lipari's mineral rights holdings. The mine itself lies within a mining permit encompassing 1,875 hectares. Lipari also holds 100% of the rights to 4 adjacent mineral licenses covering 5,053 hectares.

Commercial production commenced in July 2016. As of 31 December 2021, the Braúna mine has achieved sales of US\$174 million from 926.447 carats at an average unit sales price of US\$188 per carat. Lipari sells and exports 100% of the Company's rough diamond production to BH Diamonds ME DMCC in Dubai, United Arab Emirates. Total natural diamond production in Brazil during



2021 is projected at 140.000 carats with an export value of US\$32 million which equates to a unit value of US\$228 per carat. Lipari's production from its Braúna mine represents 95% of Brazil's natural diamond production, and 75% of its export value in dollar terms.

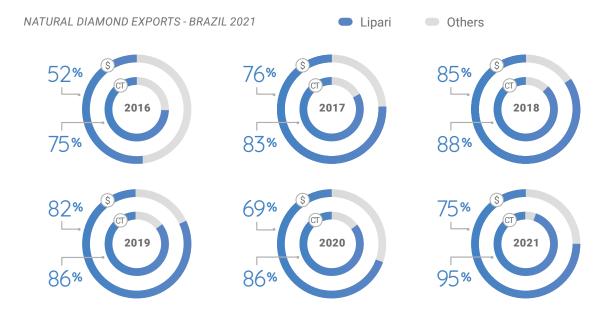


Figure 1 - Natural diamond exports from Brazil. Lipari's exports by carats and value are shown in blue, and other producers/exporters are shown in grey.

<sup>(1)</sup> Source: Ministry of Economy of Brazil; Foreign Trade Database; Dec/2021. (http://www.mdic.gov.br/index.php/comercio-exterior/estatisticas-decomercio-exterior/base-de-dados-do-comercio-exterior-brasileiro-arquivos-para-download)



# LETTER FROM THE PRESIDENT

**KEN JOHNSON** 

I am pleased to present Lipari's inaugural Environmental, Social and Governance (ESG) report which provides our stakeholders with an overview of our business practices and results with respect to the sustainable production of natural diamonds from our Braúna mine in Brazil.

Despite this being our first ESG report, Lipari has operated in accordance with both national and international standards since the start of production activities in July 2016. This report establishes a new standard for open and transparent reporting of our sustainability practices and performance. It provides key statistical indicators and measurements that we will use as benchmarks in the years to come.

The primary indicator that we focus on at our Braúna mine is the health and safety of our employees, their families and the community in which we work.

Our entire workforce has embraced a culture that focuses on a safe workplace and our safety indicators reflect that culture. I would like to thank the members of our safety committee, our mine safety professionals and our labor-union partners, who have worked together to create a culture that prioritizes a safe workplace, helping to ensure that all of our employees are able to return safely to their families every day from our mine.

Caring for the environment is also a priority for Lipari and our mine and processing plant reflects that commitment. The layout or "footprint" of our mine was designed to ensure a compact structure which would have minimal impact on the surrounding environment. For example, the entire mine, processing plant and support buildings all lie within an area that represents just 6% of the total area covered by the Company's mineral licenses. Lipari maintains approximately 325 hectares of land which is natural forest growth. In addition, the Company has an active tree nursery which feeds our tree planting program that is focused on the reforestation of un-used land within our mineral rights area.

We are extremely proud to have the only diamond processing plant in the world which recovers and reuses its process water. That means we do not have a traditional "tailings pond". We recycle over 98% of the water used by our processing plant by dewatering the kimberlite waste that has been treated through the plant. This new technology to dewater tailings has been studied by other diamond producers, who are now considering duplicating this technology in their processing plants.

Lipari has also been investing in the local community surrounding our mine. The main areas of focus are programs and investments to help strengthen local capacity in the areas of health, education and security. During the past year, we focused almost all of our attention on programs to help the local community fight the spread of the COVID-19 virus. Lipari provided equipment to the local municipal hospital in Nordestina to help increase its capacity to care for the local community. We initiated a program in partnership

with the municipality where Lipari, on a monthly basis, provides basic food items to the local food bank in order to help families in need during the pandemic. We will continue this necessary program through 2022.

For 2022, as restrictions related to COVID are relaxed, we expect to recommence in-person professional development programs for our employees, family members and the local community, with the intention to increase the capacity of individuals and promote small businesses in the region. We will also work during the coming years to improve on the key ESG indicators that we are presenting in this report, and strengthen our commitment to the sustainable production of natural diamonds from our mining operations.

I trust you will enjoy reading our first ESG report.

Ken Johnson President & C.E.O.



## OUR MISSION, VISION AND VALUES



Profitable production of natural diamonds through the development of kimberlite diamond deposits, while ensuring:

- safe and equitable employment
- transparency of operation
- environmental conservation
- positive social and economic impacts for the communities in which we operate



Remain Latin America's leading natural diamond producer and grow into a leading mid-tier global diamond producer.



## **VALUES**

- Respect for life
- Personal and operational security
- Appreciation of people
- Sustainable management
- Transparency
- Social dialogue
- Generating value for the community, shareholders and partners





# **SUSTAINABLE DEVELOPMENT** 2021 IN REVIEW

- Zero fatalities
- Zero lost time injury (LTI)
- Zero all injury frequency rate (AIFR)
- Zero major or significant stakeholder incidents
- Zero major or significant environmental incidents
- 100% COVID-19 vaccination rate

## **WORKING TOWARDS** SUSTAINABILITY GOALS

The United Nations (UN) Sustainable Development Goals (SDGs) are seventeen interlinked global goals designed as a roadmap for countries to achieve a more sustainable future for all. The SDGs promote social prosperity and offer environmental protection for the planet. Aligning business practices to broader social goals makes good business sense, as global risks can impact a company's ability to create value for its stakeholders, with the current COVID-19 pandemic being a perfect example of this.

Lipari endeavors to work responsibly to maintain its social license to operate. Our established sustainability strategy, which we have developed over a period of six years, focuses on 9 areas which apply to our operations and are aligned with the UN SDGs. This strategy confirms our support for both global and local sustainability processes.



Priority UN Sustainable Development Goals (SDGs)

#### **ABOUT THIS REPORT**

Lipari is committed to the most elementary criteria of transparency and business ethics. Our first integrated ESG report presents information that contributes to the understanding of the Company's business, notably the operation of the Braúna mine. It also confirms the Company's responsibility to integrate sustainability into its management, culture, policies and processes.

The foundation of Lipari's business is based on the following five sustainability pillars:



FINANCIAL AND OPERATIONAL



**EMPLOYEES** 







## **ENVIRONMENT**

This report presents key performance indicators and statistics which provide a comparative summary of the Company's performance from the commencement of commercial production in July 2016 through December 31st, 2021. The last two years have been especially challenging and required resilience to face the Covid-19 pandemic and its damaging effects.

Our Company will use these key performance indicators to monitor our performance against our priority SDGs. We will achieve these goals through actions such as policy restructuring and strategy definition to increase the diversity of people in operations. We will continue to create initiatives to promote well-being and community autonomy, prioritizing our social investment in the main areas such as Health, Education, Safety and Local Development.

Lipari's mission is for its business to extend beyond positive financial results and promote social and environmental improvements in local communities, reflecting - in practice - the broader concept of sustainability.

Thus, in the coming years, the Company will remain committed to standardize and report its key



performance indicators and provide a comparison against its previous performance, to ensure that the Company's strategies are producing positive results in relation to the Company's priority SDGs.

#### **HEALTH & SAFETY - PRIORITY 1**

The health and safety of our employees and contractors is our number one priority. The Company had zero Lost Time Incidents (LTI) during 2021, which is an excellent result and a testament to the dedication and commitment of all of our employees with respect to the Company's safety procedures. These procedures, which were put into place during the construction phase of the mine in 2014 and 2015, have been continually revised and improved by our occupation safety team, who work diligently with respect to training and inspection of the work-place environment. Zero accidents is a goal that is pursued on a daily basis at Lipari's operations and the results achieved during 2021 demonstrate the commitment of all employees and service providers to the prevention of accidents.

The mandatory use of personal protective equipment (PPE), daily safety briefings for all of our employees and contractors, analysis of risks associated with a task, and constant training are key elements of the Company's workplace culture.

The health of our employees is also monitored through periodic clinical and complementary medical exams carried out annually at the Braúna mine and in accredited medical clinics. Lipari has a medical doctor and a registered nurse on staff who monitor the medical test results to ensure the good health of all of our employees. Medical control is established through Occupational Health Medical Control Program<sup>2</sup> and is monitored monthly by the Occupational Medicine area.

<sup>(2)</sup> From the Portuguese: Programa de Controle Médico de Saúde Ocupacional - PCMSO.



#### COVID-19 - 100% VACCINATED

At the onset of the COVID-19 pandemic in March 2020, Lipari's management, in coordination with the Company's health and safety team, acted decisively to protect its employees and their families. At both the mine and its head office, the Company implemented measures such as mandatory masks, social distancing and home office arrangements to mitigate the spread of the virus. Masks and disinfecting alcohol were provided to all employees and their immediate family. Mandatory testing for the virus was also successfully implemented, to identify and reduce the risk of contact with the virus. The Company increased its housekeeping staff so that the mine facilities had 24 x 7 coverage to help ensure all surfaces were regularly disinfected. Extra transport for our employees was added, to ensure that each employee using the transport could remain sociallydistant. The same health and safety measures were adopted by third party contractors working at the mine, and this team-work helped ensure a low rate of contagion at the mine and the Company's head office. International travel was suspended in 2020 and 2021, and domestic business travel was only conducted on an urgent basis. Lipari's communications department worked tirelessly to produce informative campaigns and signage with informative messages to reinforce preventive measures to help stop the spread of the virus.



Externally, the Company worked together with the Municipality of Nordestina to combat the spread of the virus and strengthen the capabilities of the hospital in the treatment of individuals who had contracted COVID. Lipari provided the municipal hospital with a donation of beds, ventilators, oxygen and other equipment which was urgently needed during the height of the pandemic, and provided COVID test-kits, PPE and other supplies necessary for the identification, prevention and control of the virus. There was also direct action in the community with the donation of masks, disinfecting alcohol, cleaning products, in addition to information leaflets and regular advertisements on the local radio regarding preventive measures to stop the spread of the disease. Humanitarian support for families in vulnerable conditions was also provided by Lipari through the distribution of food, as well as hygiene and cleaning products.

## COMMUNITY HEALTH INITIATIVES

One of the pillars of Lipari's social program is the improvement of the health services in the communities in which we operate. Lipari first started its health-related initiatives in the Municipality of Nordestina in 2015 during the construction of the Braúna mine. Lipari entered into an agreement with the municipality to strengthen the capacity of the local municipal hospital through the donation of medical equipment. Lipari's first program



focused on emergency care with the installation of urgent care equipment such as automatic external defibrillators, resuscitators, pulmonary ventilators, surgical instruments and other equipment. This initial program was followed by the donation of a mobile ICU ambulance, which was the first of its kind in the region and allows the safe transport of urgent care patients to larger city centres. Since then, the Company has contributed over 300 different items, including a maternity delivery bed, heated crib, hematology analyzer, stretchers, intubation instruments, electrocardiograph, cardioverter, pulmonary ventilator, autoclaves, beds, oximeters, an electrical generator and an industrial dryer.

## On average

of the Company's social expenditures are directed towards community health initiatives.

#### **EDUCATION INITIATIVES**

Another pillar of Lipari's social program is our investment in education in Nordestina and the small communities surrounding the Braúna mine. One of the key initiatives that the Company has initiated is an after-school program called "Florescer" for children aged 06 to 10 years which provides students the opportunity to strengthen their knowledge in the areas of Mathematics and Portuguese. This program was initiated in 2019, but had to be temporarily suspended in 2020 due to the COVID-19 pandemic. The Company plans to restart the program in Q1-2022 when the local schools reopen for class after their summer holiday.

As part of the Company's education initiatives, we helped strengthen the educational capacity of the local municipal high school by donating computer equipment and installing air conditioners in each of the class rooms. We have also funded training programs, in partnership with the municipality, for the teachers at both the primary and secondary level of education, to help improve their qualifications and their ability to interact and teach their students.

On average, 17% of the Company's social expenditures are directed towards education initiatives. This percentage is down from an average of 21% prior to the COVID-19 pandemic as a result of the closure of the local schools.

### COMMUNITY DEVELOPMENT

The Community Development pillar of Lipari's social program is likely the most diverse area of investment and accounts for 32% of the Company's social expenditures. Community development programs are comprised of various initiatives that are aligned with a number of SDGs, and include:

- Regular monthly donations of 500 "food baskets" to the local food bank in Nordestina to help alleviate hunger in the community;
- Monthly potable water distribution to the small communities and rural farms surrounding the Braúna mine who do not have access to a clean water supply;
- Installation of water storage tanks in the small communities surrounding the mine;
- Agricultural initiatives such as donation of chickens and feed to a local cooperative for the production of eggs, donation of seeds to local farm cooperatives, and the contracting of local consultants to provide training to local farm owners so that they have the necessary skills to maximize their crop yield;



# **Approximately**

of the Company's social expenditures are directed towards community development projects.

- Training courses to promote skill development and employability in the local community. Training courses such as motorcycle and air conditioner maintenance, welding, sewing, baking and small business management have been developed and funded by Lipari;
- Donations and support of after-school sports classes for local youth, which include soccer, karate, jiu jitsu and capoeira classes, and athletics such as running;
- Donation of musical instruments to the municipal youth band;
- Donation to the municipality to support cultural events such as the city's anniversary, traditional cultural events such as the festival of São João and the city's Christmas festival.

#### **COMMUNITY SECURITY**

Lipari is also supporting municipal and state military police who help keep the local community safe. Lipari has provided electronic monitoring equipment such as drones and cameras to the state military police to help with their activities in the community. We have also donated computer equipment to the local municipal police department to allow them to better serve the community. On average, 1% of the Company's social expenditures is directed towards community security.



## **ENVIRONMENT OUR FOOTPRINT**

Lipari's Braúna mine and infrastructure occupies an area of approximately 110 ha, which represents only 6% of the surface area of the 1,875 hectares of mineral rights held by the Company, and about 40% of the 269 hectares of surface rights owned and maintained by the Company. Prior to the construction of the mine in 2015, the surface rights currently owned by the Company were used primarily for smallscale agriculture or grazing lands for goats and cattle Currently, 135 hectares of the 269 hectares maintained by Lipari consists of native "caatinga" vegetation, including 55 hectares which Lipari maintains as a "legal reserve" in accordance with the environmental license issued to Lipari by the state environmental authorities. Lipari's environmental team is working to expand the area covered by native caatinga vegetation and is currently planting seedlings in a 24-hectare area which is undergoing the process of environmental recovery. Lipari maintains a greenhouse at the mine which has over 4,000 seedlings, comprised of more than 30 different species. These seedlings are being used for planting in areas undergoing environmental recovery.

Lipari

## CONSERVING OUR WATER RESOURCES

Lipari's Braúna mine is situated in the interior of Bahia state, an area which is dominated by a semi-arid climate. Annual rainfall in the region is in the order of only 500 millimetres. Water is therefore a valuable resource in this region, and this requires that everyone work to conserve this valuable resource. With this knowledge, Lipari worked with the ADP Group in South Africa to design a processing plant which recycled the water that is required to process the kimberlite ore. Lipari's processing plant at the Braúna mine recycles 98% of the water used to process the ore. This is done by dewatering the plant "tailings", which is the waste produced that is produced during the crushing, screening and concentration of the ore, by passing this fine waste material through a rotary centrifuge which spins the material at a high velocity to remove the water.



This clean water is then recycled back to the processing circuit. During 2021, our processing plant required only 0.21 m<sup>3</sup> of water for each tonne of ore that was processed. In addition to water conservation, another important benefit of Lipari's water recovery system is that the mine does not have a traditional "tailings pond", or a wet storage area for the processing plant waste. Traditional tailings ponds can be a long-term environmental liability for mining companies and the communities in which they operate. We are extremely proud of the fact that we recycle over 98% of the water used by our processing plant. Lipari is the only diamond producer in the world to use this tailings dewatering system. This new technology has been studied by other diamond producers, who are now considering copying Lipari's technology in their processing plants.

## **ENERGY SOURCES AND** CONSUMPTION - OUR ENERGY MATRIX

Lipari's operations rely on two main sources of energy. The Company requires i) electrical energy to support its mine facilities, processing plant and head office, and ii) diesel oil to fuel its mining equipment. Approximately 87% of the electrical energy produced in Brazil is generated from renewable energy sources, hydroelectrical, wind and solar. Electrical energy consumption represents 24% of Lipari's energy matrix, while diesel fuel consumed by the mining equipment represents 76% of the Company's energy matrix. Electrical energy consumption increased by 10% since the start of commercial production in 2016, due to the addition of equipment in the processing plant. Conversely diesel fuel consumption decreased over the same period, from approximately 84% to the current consumption rate of 76%. This reduction mirrors a decline in volumes mined since the start of operations, as the amount of waste rock mined decreases as the depth of the open pit mine increases.

Lipari

#### MONITORING OUR ENVIRONMENT

Lipari has conducted, since before the construction of the Brauna mine, a series of environmental monitoring programs in the area surrounding the mine. These programs, which run continually throughout the year, document the quality of surface and underground water, air quality, ambient noise levels, as well as the monitoring and study of terrestrial and aquatic fauna, and native flora. The objective of these monitoring programs is to track and evaluate the impact that our mine has on the local environment, and ensure that the results fall within the regulations defined by the responsible government entities. We are extremely proud of the fact that historically, all of the results from our studies are within the legal limits defined by the government.

The recovery of Lipari's natural diamonds from the kimberlite ore is also conducted in an environmentally- friendly manner. Unlike gold or base metal mines, our processing plant does not use any chemicals to process the ore. The natural diamonds produced at our plant are liberated by the crushing and screening of the ore, and separation of the diamonds by concentration and separation of the light minerals (non-diamond) from the heavy minerals (diamond). This means that there is no risk of chemical contamination of local sources of water. Because of our state-of-the-art water recovery system, which recovers 98% of our process water, we only need to pump 12 m<sup>3</sup> per hour of new water to meet the requirements of the plant. This new water is pumped from the Itapicuru river, located just 4 kilometres to the south of the mine. As a result of the low demand for water, our mine has a minimal impact on local water supplies.

Lipari's commitment to water conservation and the environment was recognized by FIEB - Federation of Industries of the State of Bahia in 2018, when Lipari was awarded with FIEB's 12th Sustainable Bahia Industry Award.



## ETHICALLY PRODUCED NATURAL DIAMONDS

All of the natural rough diamond production from the Brauna mine is produced, sold and exported in full compliance with the guidelines of the Kimberley Process Certification System ("KPCS"). The KPCS is an initiative of the United Nations (UN) to stop the international trade of conflict or illegally-mined diamonds. Brazil is a signatory of this global pact since its beginning in 2003. The National Mining Agency (ANM) is responsible for analyzing and issuing Kimberley Certificates for rough diamonds exports in Brazil, and regularly inspects our mine and verifies the content of each individual export, of natural rough diamonds exports in Brazil, and regularly inspects our mine and verifies the content of each individual export.



(3) Source: National Electric Energy Agency - ANEEL

#### **CORPORATE GOVERNANCE**

Lipari has internal corporate governance policies and regulations that guide it in conducting its business in a transparent and fair manner. The Company believes that good governance is essential for efficient management and involves high ethical standards in its relations with shareholders, employees, customers, communities, press, suppliers, market, government and regulatory authorities.

The Company's Code of Business Conduct and Ethics establishes guidelines and internal rules on the behavior expected from its employees. Our employees are obliged to comply with all applicable laws, rules and regulations of the locations where the Company operates. The workers must follow regulations pertaining to discrimination, bribes and kickbacks, copyrights, trademarks and trade secrets, information privacy, disclosure of confidential information, illegal political contributions, antitrust prohibitions, external corrupt practices, offering or receiving kickbacks, environmental risks, discrimination or harassment, occupational health and safety, false or misleading financial information and inappropriate use of corporate assets.

The whistleblower protection policy establishes procedures that allow Company employees to anonymously and confidentially submit their concerns to members of the Board of Directors regarding questionable accounting practices, internal accounting controls, auditing or other financial matters, without fear of retaliation.



## **ESG KEY PERFORMANCE INDICATORS**

**TABLE 1: ESG EXPENSES** 

|                              | UNIT             | 2016                           | 2017                           | 2018                           | 2019                           | 2020                         | 2021                           |
|------------------------------|------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|--------------------------------|
| GROSS REVENUES TOTAL ESG     | US\$             | 11.245.978<br><b>1.000.768</b> | 51.121.502<br><b>1.516.415</b> | 37.764.903<br><b>1.356.793</b> | 25.119.802<br><b>1.280.402</b> | 18.776.091<br><b>914.572</b> | 23.265.213<br><b>1.060.647</b> |
| ESG %                        | <b>US\$</b><br>% | 8,90%                          | 2,97%                          | 3,59%                          | 5,10%                          | 4,87%                        | 4,56%                          |
| Government Royalty<br>(CFEM) | US\$             | 22.174                         | 220.240                        | 752.190                        | 499.310                        | 372.876                      | 364.294                        |
| Payroll                      | US\$             | 2.651.927                      | 3.895.104                      | 3.489.375                      | 4.096.749                      | 3.049.077                    | 3.008.980                      |
| Employee<br>benefits         | US\$             | 981.358                        | 1.382.150                      | 1.470.282                      | 1.505.761                      | 1.137.845                    | 1.041.275                      |

60% of the Government Royalty (CFEM) goes directly to the Municipality of Nordestina.

**TABLE 2: MINE OPERATIONS AND SALES** 

|                 | UNIT | 2016       | 2017       | 2018       | 2019       | 2020       | 2021       |
|-----------------|------|------------|------------|------------|------------|------------|------------|
|                 |      |            |            |            |            |            |            |
| Ore Mined       | t    | 446.742    | 1.040.240  | 1.100.491  | 994.051    | 732.070    | 932.238    |
| Waste Mined     | t    | 4.333.248  | 6.948.959  | 5.489.508  | 4.755.532  | 2.881.176  | 1.746.548  |
| Ore Processed   | t    | 401.881    | 829.839    | 812.699    | 822.848    | 817.523    | 825.359    |
| Carats Produced | ct   | 116.756,70 | 230.941,20 | 204.873,51 | 140.562,55 | 115.392,35 | 134.979,20 |
| Carats Exported | ct   | 97.279,95  | 225.416,97 | 210.287,99 | 142.951,45 | 117.376,20 | 133.134,61 |
|                 |      |            |            |            |            |            |            |

**TABLE 3: OCCUPATIONAL SAFETY AND HEALTH** 

|  | UNIT | 2016    | 2017    | 2018      | 2019      | 2020    | 2021    |
|--|------|---------|---------|-----------|-----------|---------|---------|
| Total working hours per year   | h    | 487.890 | 727.760 | 1.085.040 | 1.008.920 | 914.980 | 894.405 |
| Total worked hours without injuries                                    | h    | 487.866 | 727.648 | 1.084.880 | 1.008.888 | 914.932 | 894.405 |
| AIFR   All Injuries<br>Frequency Rate  <br>LTI+RWC+MTC<br>per 200.000h | -    | 0,82    | 2,20    | 1,47      | 0,59      | 0,87    | 0,00    |
| LTI   Lost Time Injury   | un.  | 1       | 2       | 5         | 1         | 2       | 0       |
| LTIFR   Lost Time<br>Injury Frequency<br>Rate per 200.000h             | -    | 0,41    | 0,55    | 0,92      | 0,20      | 0,44    | 0,00    |
| Fatalities   | un.  | 0       | 0       | 0         | 0         | 0       | 0       |

**TABLE 4: ENVIRONMENTAL** 

|   | UNIT | 2016   | 2017   | 2018   | 2019   | 2020   | 2021   |
|---|------|--------|--------|--------|--------|--------|--------|
| Energy Consumption                        | TJ   | 18,07  | 25,47  | 26,80  | 26,80  | 28,20  | 28,04  |
| Diesel Consumption                        | TJ   | 92,12  | 115,94 | 135,13 | 124,32 | 101,95 | 87,5   |
| Total<br>(Energy + Diesel)<br>Consumption | TJ   | 110,19 | 141,41 | 161,92 | 151,11 | 130,15 | 115,50 |
| <b>Energy Consumption</b>                 | %    | 16%    | 18%    | 17%    | 18%    | 22%    | 24%    |
| Diesel Consumption                        | %    | 84%    | 82%    | 83%    | 82%    | 78%    | 76%    |
| From Renewable<br>Source                  | %    | 13,5%  | 14,5%  | 13,9%  | 14,9%  | 18,9%  | -      |

**TABLE 5: HUMAN RESOURCES** 

|                                | UNIT | 2016   | 2017   | 2018   | 2019   | 2020   | 2021   |
|--------------------------------|------|--------|--------|--------|--------|--------|--------|
| Direct Employees               | un.  | 301    | 364    | 389    | 390    | 369    | 359    |
| Contractors                    | un.  | 112    | 79     | 102    | 71     | 61     | 63     |
| Origin   From<br>Nordestina    | %    | 45,18% | 53,85% | 58,87% | 55,39% | 55,83% | 55,16% |
| Origin   From other places     | %    | 54,82% | 46,15% | 41,13% | 44,61% | 44,17% | 44,84% |
| Gender   Total Men             | %    | 89,4%  | 87,9%  | 87,9%  | 90,5%  | 89,4%  | 89,4%  |
| Gender   Total Women           | %    | 10,6%  | 12,1%  | 12,1%  | 9,5%   | 10,6%  | 10,6%  |
| Age   18 - 40 years old        | %    | 73,76% | 78,75% | 77,52% | 69,10% | 71,84% | 68,18% |
| Age   40 - 50 years old        | %    | 18,04% | 14,80% | 14,63% | 19,01% | 16,39% | 21,24% |
| Age   Above 50 years<br>old    | %    | 8,21%  | 6,45%  | 7,85%  | 11,90% | 11,78% | 10,59% |
| Race   Asian                   | %    | 2,33%  | 2,48%  | 4,37%  | 4,36%  | 4,07%  | 3,34%  |
| Race   Caucasian               | %    | 13,29% | 12,95% | 16,71% | 17,18% | 14,09% | 13,37% |
| Race   Indigenous              | %    | 0,33%  | 0,28%  | 0,26%  | 0,26%  | 0,27%  | 0,28%  |
| Race   Mixed ethnicity (pardo) | %    | 59,80% | 66,39% | 63,50% | 64,87% | 70,19% | 71,87% |
| Race   Afro-descendant         | %    | 10,63% | 11,02% | 12,34% | 12,31% | 10,30% | 10,31% |
| Race   Undeclared              | %    | 13,62% | 6,89%  | 2,83%  | 1,03%  | 1,08%  | 0,84%  |
| Turnover                       | %    | 38,54% | 21,70% | 18,12% | 18,21% | 22,68% | 19,08% |



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