

# >>> PDAC Convention Toronto, Canada

**March 2017** 



### Unearthing the minerals powering our future



# >>> Why Cape Lambert Resources?



Cape Lambert is a diversified mineral development and investment company well positioned to deliver shareholder value though our Acquire, Add Value and Realise strategy. Our activities aim to meet global demand for minerals that drive progress and power our future.

#### **Strategic Portfolio**

- Seographically diverse portfolio of mineral assets and investment interests
- Multi-commodity portfolio focused on strategic minerals
- Near term opportunity for production cash flows
- New project evaluation ongoing

#### **Experienced Team**

- Experienced corporate and project development team
- Track record of delivering value

# Exposure to strategic minerals Cobalt Lithium Uranium

Critical commodity, essential to battery chemistry

Li-ion
batteries now
standard for
electric
vehicles

Clean alternative base load power



Powering portable electronic devices and electric vehicles



Solution for our growing renewable energy revolution



Nuclear power an important part of our future energy mix

### >> Company Strategy



Inline with our strategy to acquire and invest in undervalued and undeveloped mineral projects we seek to capitalise on an undervalued and emerging cobalt market by acquiring the rights to:

- a readily available cobalt rich tailings dam in the DRC copper belt;
- a nearby processing facility that can produce cobalt and copper concentrate; and
- explore and mine 3 cobalt rich mineralised areas in the nearby Kasombo region.

From Paragon Mining SARL (**Paragon**), a Congolese based company.

### >> Cobalt Project – Summary



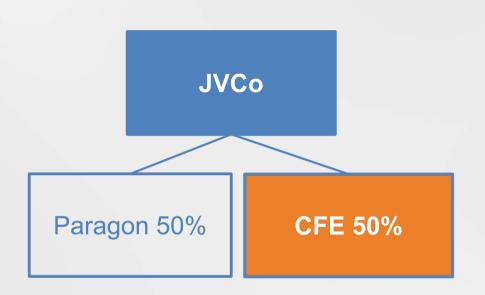
# Paragon's holdings/interests that are part of the proposed JV Agreement include:

- a 70% interest in the Kipushi tailings dam and will increase that interest to 85%;
- 100% ownership of the Kipushi Processing Plant; and
- The rights to acquire 100% interest in 3 cobalt rich mineralised areas in the nearby Kasombo region;

(Cobalt Project) located in the DRC.

## >>> Cobalt Project – Acquisition Details





- CFE will acquire 50% interest in newly established JVCo, which will operate under Joint Venture Agreement; and
- Paragon will transfer the Cobalt Project into JVCo.

### CFE will be responsible for funding:

- the establishment of mining of Kipushi tailings;
- modifications needed for Kipushi Processing Plant; and
- exploration and feasibility studies at Kasombo.

## Cobalt Project – JVCo Objectives



### The objectives of the JVCo will be to:

- commence mining activities at Kipushi Tailings within 6 months;
- commence exploration activities on Kasombo;
- complete a Feasibility Study on Kasombo within 18 months;
- commence mining activities at Kasombo within 24 months; and
- identify and secure other copper, tin, zinc, and cobalt projects in the DRC and Zambia.





# Most cobalt is produced as a by product of either copper or nickel production

60% copper production by product



38% nickel production by product

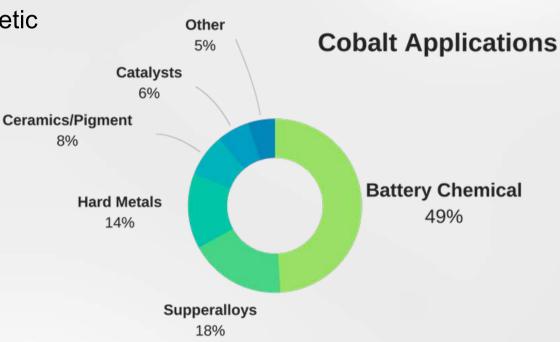
2% primary cobalt production

# Cobalt – Qualities & Applications



#### Cobalt - one of the worlds essential minerals

- Lustrous, silvery-blue, magnetic metal;
- High melting point (1,495 degrees Celsius);
- Maintains strength even at high temperatures;
- Maintains its magnetism at temperatures up to 1,121 degrees Celsius;
- Used in: pigment, cancer treatment and irradiate food for preservation in some countries (cobalt-60), alloyed for high-tech turbines, magnets, batteries.



Cobalt-based batteries have high energy density, chemistry that is attractive for portable electronic equipment

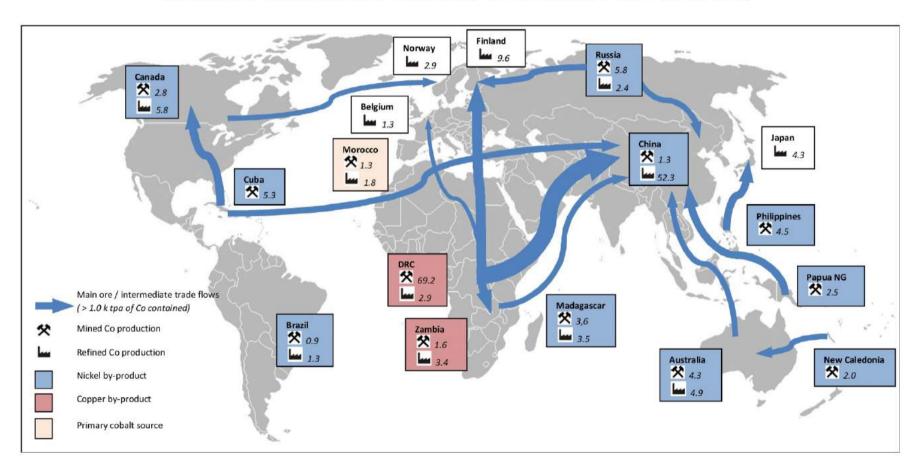
Sources: Darton Commodities Ltd

# >>> Global Cobalt Production



#### Global Mined and Refined Cobalt Production

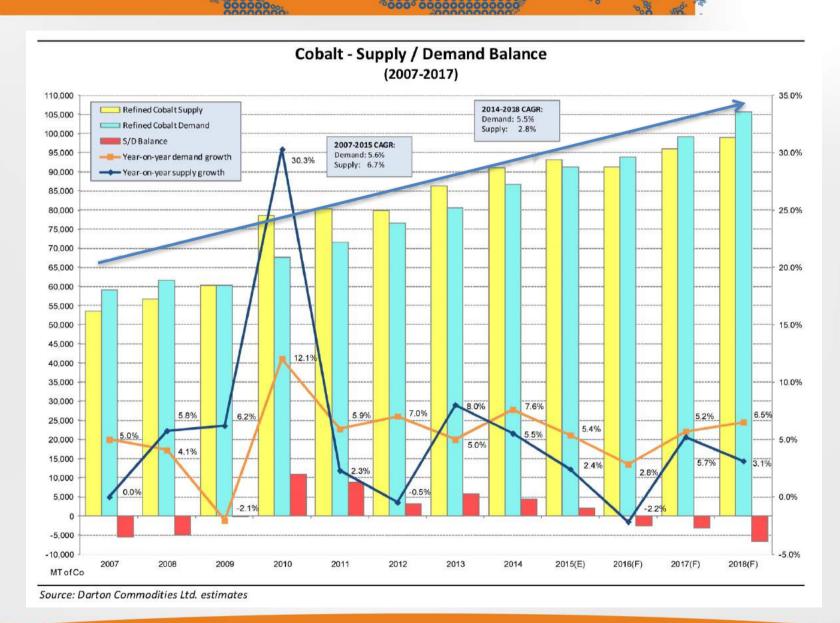
Key cobalt ore and intermediate trade flows / 2015 estimates, in 1,000 MT per year)



Source: Darton Commodities Ltd estimates

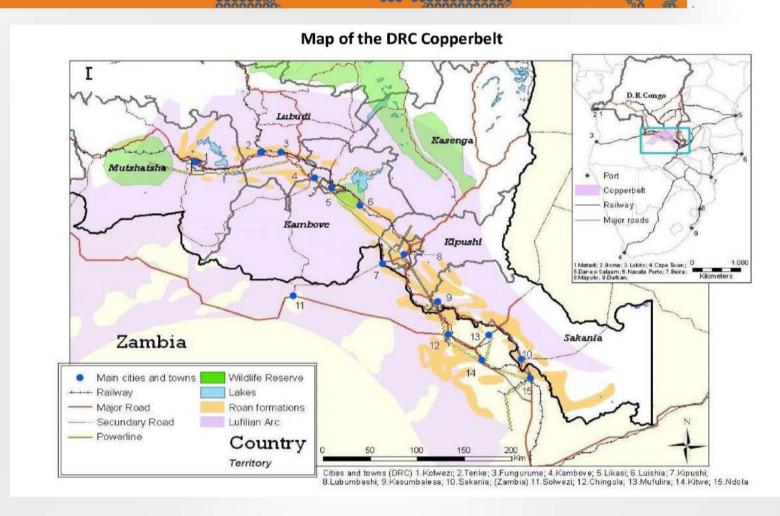
# >>> Global Cobalt Supply/Demand Balance





## >>> Why the DRC?

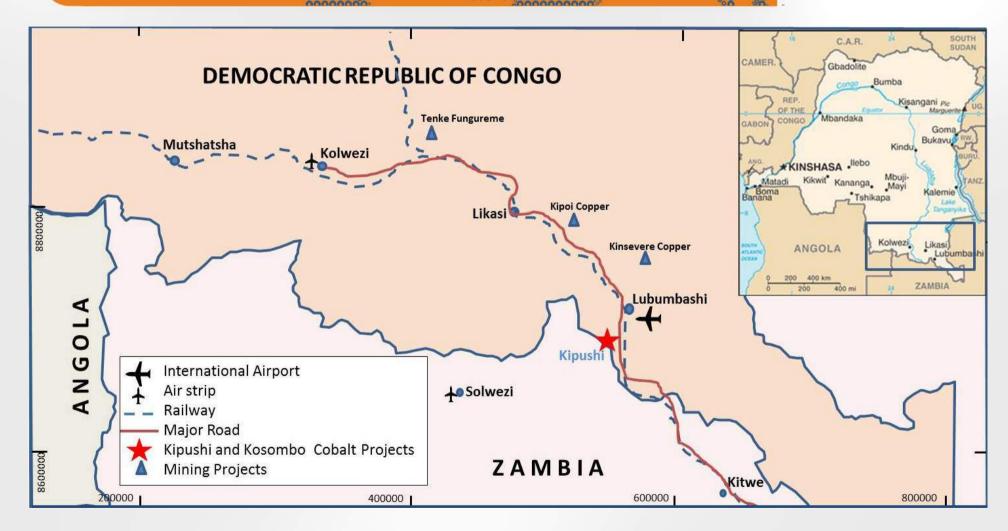




The DRC holds approximately 47% of the global cobalt reserve base. It is the world's single largest supply source with roughly 63% of global cobalt supply originating in the DRC.

# >> Kipushi Project Location





The Kipushi Project is located only 25 minutes from the well established mining town of Lubumbashi and is accessed mostly by sealed road.

# >>> Cobalt Project Layout





# >> Kipushi Cobalt Project - Tailings Dam

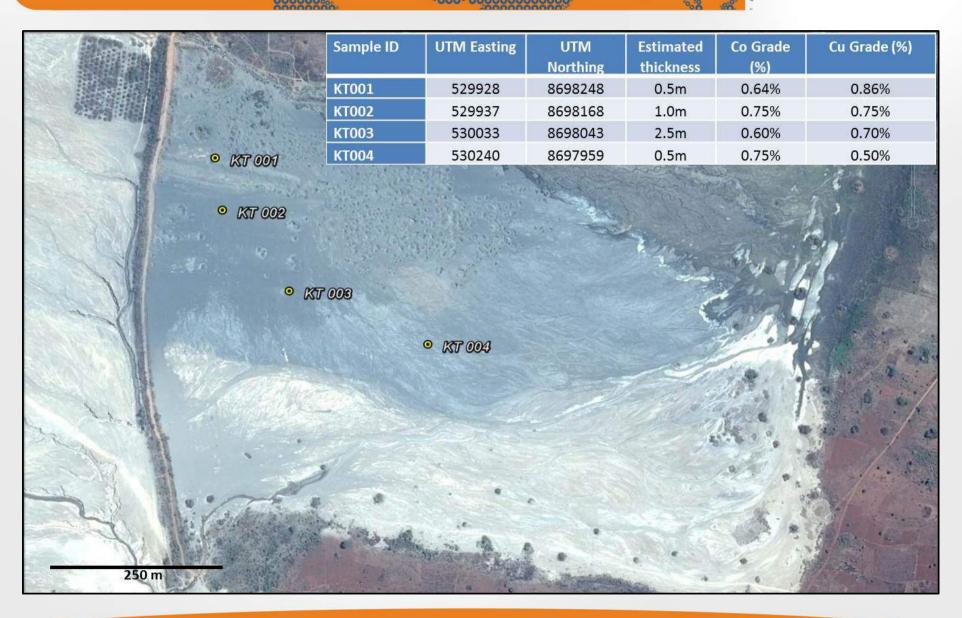




The Kipushi tailings dam extends over 1km in length, over 400m in width, with an average depth of 8m. It is located approximately 8km from the Kipushi Processing Plant.

# >> Kipushi Tailings Dam — Sampling Locations





# >>> Kipushi Processing Plant





The Kipushi Processing Plant comprises a conventional flotation plant with a throughput of 150tph and designed to produce a concentrate of:

- 4,000tpa of Cobalt;
- 10,000tpa of Copper; and
- 2,000tpa of Zinc.

The process plant is connected to State power via a 12Mw substation.

Construction of the process plant is all but complete and requires commissioning.

# >> Kipushi Processing Plant











# >> Kasombo Copper-Cobalt Project



The Kasombo Copper-Cobalt Project (**Kasombo**) is part of the Kasombo Complex, a series of copper-cobalt rich deposits that have been extensively explored by Gecamines and developed and mined by various international companies in joint venture with Gecamines.

Kasombo is at early stage exploration and comprises three separate areas (Kasomobo 6, Kasombo 7 and Kasombo 12) located within the granted mining license, PE 4886.

The Kasombo deposits are within 3-5km of the Kipushi Processing Plant.



# >> Kasombo Copper-Cobalt Project



Results from random hand held XRF sampling were consistent with and confirmed the previously reported mined copper and cobalt grades by Gecamines and Forrest International Group of between 2.7% to 3.7% copper and 3.5% to 5.3% cobalt.

An extreme high grade rock sample from Kasombo 7 returned a handheld XRF grade of >21% Co.



### >>> Cobalt Project Timeline



Stage 1

Stage 2

Stage 3

Stage 4

31 March 2017

Q2 2017

Q3-4 2017

Q4 2017

Complete due diligence and establish JV company and finalise transaction by 31 March 2017

- Undertake studies to confirm any upgrade requirements to optimise the processing plant to extract cobalt and to make project ready for operations
- Finalise and optimise
   Kipushi Tailings operational
   plan
- Commence exploration work at Kasombo

Finalise all works required for Kipushi tailings operations

Commence production at Kipushi



# **APPENDICES**

## >>> Corporate Snapshot



721M

issued shares

\$28.8M

market cap @ \$0.04

23.5M

options outstanding<sup>1</sup>

\$3.1M

cash @ 31 Dec 2016

\$13.23M

listed investments<sup>2</sup>

\$0.7M

unlisted investments

\$12.41M

enterprise value

Ownership	
Gulf Energy International Ltd	13%
Top 20	49%
Directors	11%

- 1. Options \$0.05 exp. Dec 2018.
- 2. Marked to market on 28 February 2017.
- 3. As at 28 February 2017.

#### **Board of Directors**

#### **Tony Sage - Executive Chairman**

Over 30 years' experience in corporate advisory, funds management, capital raisings and management of exploration companies.

#### **Tim Turner - Non-Executive Director**

Over 25 years' experience in management and business consultancy and a partner in an accountancy practice.

#### Jason Brewer - Non-Executive Director

Over 18 years' international experience in the natural resources sector and in investment banking.

Key Projects and Investments <sup>3</sup>	
Marampa Iron Ore 100% - Sierra Leone	European Lithium Ltd (ASX: EUR) Lithium (Austria) – 15.32%
	Cauldron Energy Ltd (ASX: CXU) Uranium (Aust., Argentina) – 15.93%
	Fe Limited (ASX: FEL) Iron Ore, Gold Nickel (Aust.) – 44.69%

# >>> Business Model & Strategy



### Acquire

- Leverage off strong balance sheet & relationships
- > Early stage projects & companies considered undervalued or distressed
- Cobalt, lithium, iron ore, uranium, copper & base metals

### Add Value

- > "Hands on" approach
- > Explore and evaluate project economics to crystalise value
- > Position assets to realise value

Our project team has the technical and commercial expertise and experience to maximise project development

### Realise

- > Monetise value in assets through IPO or partial sell down
- Regularly distribute cash to shareholders via dividend payments, in specie distributions and capital returns

Over A\$175M returned to shareholders via Special Dividends and Capital returns



#### **Competent Persons Statement**

The information in this report that relates to Exploration Results is based on information compiled by Mr Olaf Frederickson. Mr Frederickson is a Member of The Australasian Institute of Mining and Metallurgy (AusIMM) and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the "JORC Code"). Mr Frederickson is a consultant to Cape Lambert Resources. Mr Frederickson consents to the inclusion in the report of the Exploration Results in the form and context in which they appear.





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