



primary**cobalt**

Presentation 2018



## Looking Forward Statement

Certain statements contained in this presentation that are forward- looking in nature are based on the current beliefs and assumptions of the Company's management.

When used in this presentation, the words "may," "could," "should," "anticipate," "believe," "estimate," "expect," "intend," "plan," "predict," and similar expressions and their variants may be used to identify forward-looking statements. Such statements are valid only as of today, and we disclaim any obligation to update this information.

These statements are subject to known and unknown risks and uncertainties that may cause actual future experience and results to differ materially from the statements made. These statements are based on our current beliefs and expectations as to such future outcomes.



## Our Purpose

Primary Cobalt is engaged in the business of acquiring, exploring and developing Cobalt focussed mineral resource properties to create value for its shareholders.





## Management and Directors

**Patrick CT Morris,**  
CEO and Director

Patrick is an Entrepreneur and Capital Markets Executive experienced in a number of industries including resource exploration, pharmaceutical cannabis, Blockchain technologies, and finance. With 15 years capital markets experience raising funds for microcap companies and executing corporate development strategies, Patrick has taken numerous companies public via IPO, RTO and CPC. Patrick also Co created and co produced Canada's first nationally syndicated radio show about Growth Stock Opportunities broadcast on fourteen of the top rated News Talk stations across Canada.

**Barry Hemsworth,**  
Director

Mr. Hemsworth received a Bachelor of Commerce degree from the University of British Columbia ("UBC") in 1964 and a law degree from UBC in 1965. (At the time he was enrolled in a combined commerce/law program at UBC). He was a practising lawyer and a member in good standing with the Law Society of British Columbia from 1966 to 2009 when he retired. In the past five years Mr. Hemsworth has acted as a consultant to several reporting issuers and been involved in the establishment of several private companies. He has been a director of CBD Med Research Corp. (listed on the TSX-V) since June, 1991. He is a former director of the following TSX companies: Canadian Phoenix Resource Corp., Tiger Pacific Mining Corp., Arapahoe Energy Corporation and Noram Ventures Inc.

**Kenneth Phillippe,**  
Chief Financial Officer, Corporate Secretary

Mr. Phillippe is a Chartered Professional Accountant licensed to practice in British Columbia by the Chartered Professional Accountants of B.C. He received a Bachelor of Commerce degree from the University of British Columbia in 1976 and obtained his professional accounting designation in 1981, after articling with the firm of Thorne Riddell (now KPMG). Mr. Phillippe is currently an officer/director of the following listed companies: CFO of Advanced Proteome Therapeutics Corporation since March 2009; director and CFO of MX Gold Corp. since October 2009; CFO of CBD Med Research Corp. since August 2010 and a director and corporate secretary since April 2014; director and CFO of Noram Ventures Inc. since September 2010; director and CFO of Essex Minerals Corp. since August 2013; director and CFO of Cameo Resources Corp. since February 2016' director and CFO of Global Remote Technologies Ltd since November 2017.

**Harold Charles Davidson,**  
Director

Mr. Davidson is the CEO and director CEO of Core Workflows, Inc., a Vancouver based private technology company founded in February 2012.

**John Michael Mackey,**  
Director

Mr. Mackey received a Bachelor of Arts in International Studies and Political Science in 1961 from the UBC and a law degree from UBC in 1964. He was a practising lawyer and a member in good standing with the Law Society of British Columbia from 1965 to 1991. He was a director of the following two TSX-V companies: Vangold Resources Ltd. from January 2008 to December 2013 and Vanoil Resources Ltd. from January 2009 to February 2013.



## Management and Geological Team (EXCO Mining Spain)

**Rafael López,**

**Exploration Manager**

Mr. Lopez is a geologist specializing in mining and oil & gas exploration, conventional and unconventional reservoirs, including geochemistry, paleogeography and sedimentary basin analysis. He is highly knowledgeable in the general geology of Spain, including the regional and historic geology. His experience also includes isotopic geochemistry, geochronology, geological cartography, sampling surveys and general field work. From 2014 engaged with SAMCA Group, he was directly involved in the process of evaluating mining projects, analyzing their geological characteristics, mining planning, environmental analysis of projects, cost and profitability analysis and negotiation for the acquisition of assets or to carry out research projects. Founder of EXCO Mining selecting and development battery minerals projects in a joint venture with Primary Cobalt in Spain focused in Cobalt, Vanadium and Cooper. Mr. Lopez has a Bachelors degree in Geology from the University of Madrid, specialized in petrology, geochemistry and energetic resources. Advanced Studies Diploma in doctorate programs of “Geologic Processes from the University of Madrid. Since 2004, Mr. Lopez has authored many industry related publications in Spain. Also he served at the Vulcanology Investigation Center (CNRS) in Clermont – Ferrand (France) and NHM in London and Stockholm.

**Daniel Porras**

**Director Técnico – Chief Operations**

Geologist specializing in mining and O&G exploration, focused in geophysics, hydrogeology, permitting and management, and environmental requirements for exploration. Wide Knowledge of the Spanish administrative Laws & proceedings, specially related to mining and Hydrocarbons. Knowledge environmental requirements by the Spanish law for mining and Oil and Gas exploration and exploitation in Spain. CEO of GEOLAND SERVICES, a consultancy company related to the exploration and management of natural resources.. From 2012, was directly involved in the process of evaluating of mining projects including exploration planning and environmental analysis of projects. Also worked in some investigation permits for industrial rocks, and exploitation concessions (quarries). Since 2.015, is involved into the analysis of potential areas for new energy materials. Mr Porras has a Bachelor’s degree in Geology from the University of Granada, belonging to the European Federation of Geologists, European Association of Geoscientist & Engineers (EAGE), and Oil Geophysics and Geologist Spanish Association (AGGEP), and further formation in HSE. He has also participated as a professor in the modules of geophysics in master's degree courses at the University of Salamanca and practical courses at the Official College of Geologists of Andalusia.





## Management and Geological Team

### **Chris Farnworth**

#### **Managing Director , Europe and North Africa**

A business management and corporate finance executive with over 30 years of experience in the public and private markets, oil and gas, mining, industrials sectors. With extensive worldwide high-level business development and financing structure experience, specifically in Europe, MENA and Asia, sales and operational experience with large and small multi national public companies focusing upon business development, project management, strategic planning and partnership development.

### **Derreck Strickland, , P.Geo, BSc., MBA**

He serves as a Geological Consultant of Millennia Resources AG. Mr. Strickland was the President at Vela Minerals Ltd. since May 2010 until January 2018. He has more than 25 years of industry experience. He served as the Chief Executive Officer at Vela Minerals Ltd. until January 2, 2013. He served as President and Chief Executive Officer of Ringbolt Ventures Ltd. (now North American Potash Developments Inc.)



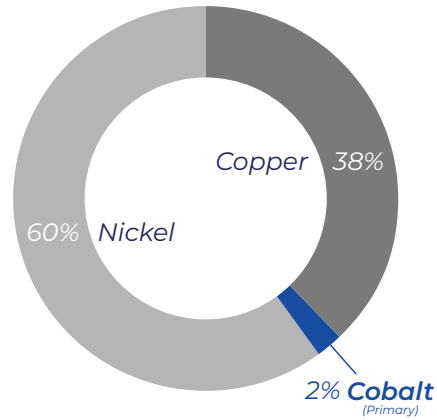
## The Value in Cobalt

No Native Cobalt has ever been found in nature



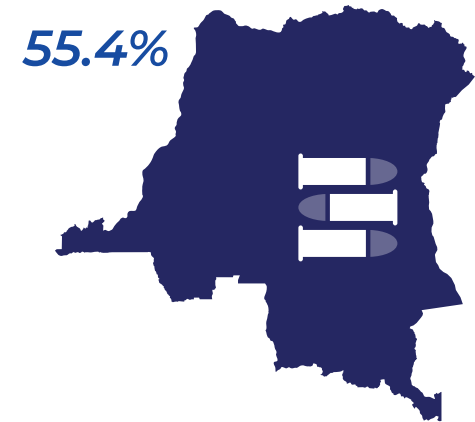
There are four widely distributed cobalt ore deposits that exist but almost no cobalt has been mines from them as a primary source.

Most Cobalt Production is mined as a bi-product



This means it is hard to expand cobalt production when more is needed.

Most global production occurs in the DRC.



The Democratic Republic of Congo is known for it's elevated supply risks



## Big Need for Cobalt



Decreasing usage of gas and diesel engines with government bans



Increasing adoption of e-transportation



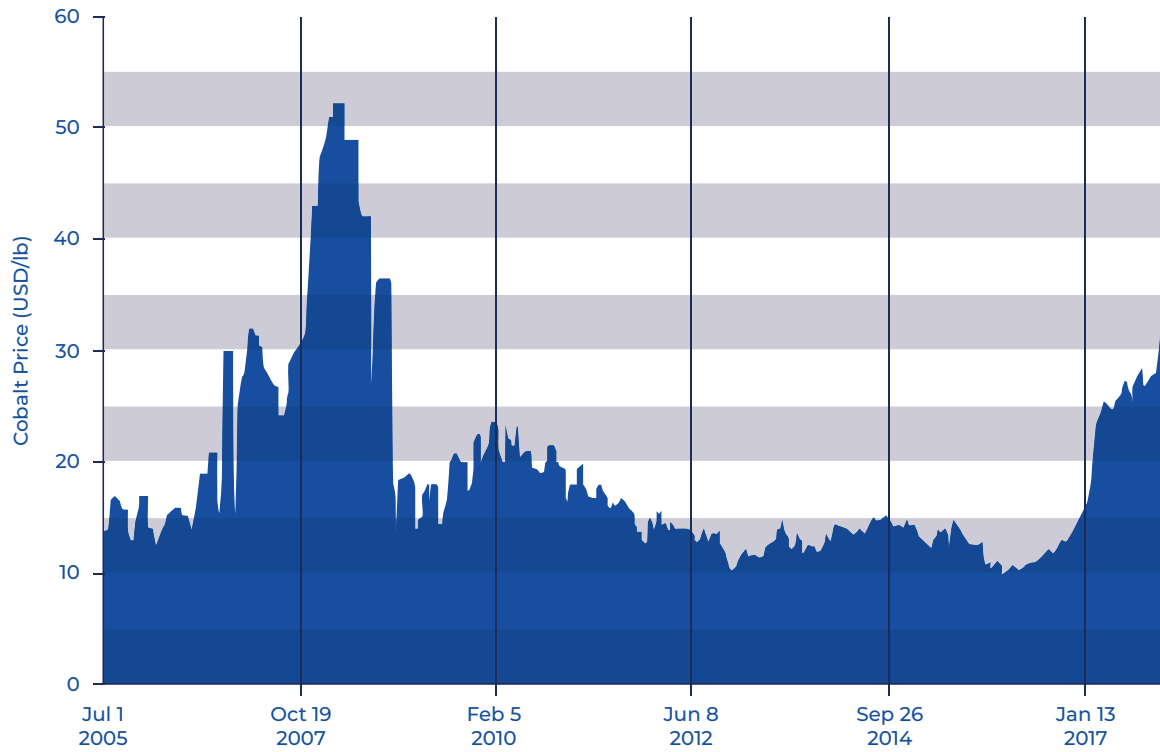
Growth in battery production

The EV Industry's Gigafactories need a reliable source of Cobalt meeting manufacturing requirements to avoid shortages and failures in the supply chain





## Price of Cobalt



## Cobalt Price

\$ 36.97 USD/lb  
8 Feb '18



## RD Cobalt Property, BC Canada

One of the largest undeveloped Cu, Au, Co deposits in western Canada

- Located: NW BC south of Hazelton
- Property: historic Copper, Gold and Cobalt, mineral showings
- Exploration target: Besshi Type Massive Sulfide



## Golden Wonder Showing Summary

### Highlights Exploration 2017

#### Anomalous Au, Cu, Co across > 400 m length, as follow:

- 122365: 15.20 g/t Au, 77.20 g/t Ag, 0.09% Co, 4.95% Cu, massive sulfide
- 122368: 17.80 g/t Au, mudstone, rusty
- 122427: 8.75 g/t Au, 0.53% Co, 0.53% Cu (siltstone float)
- 122428: 1.69 g/t Au, 0.05% Co, 0.55% Cu (siltstone)



CSE PRIM

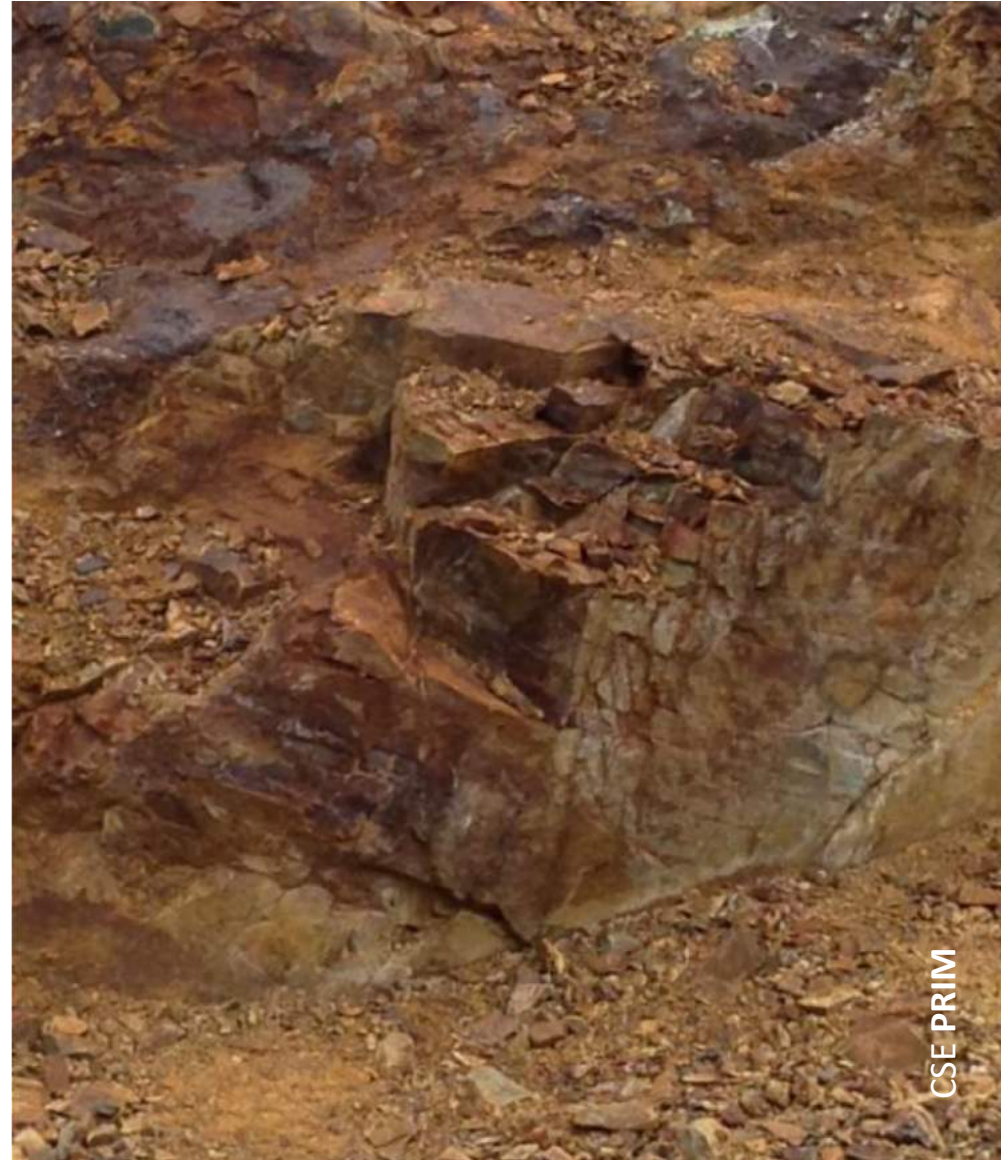




## Golden Wonder Showing Summary

### Highlights Exploration 2017

- One of several zones of anomalous Au, Cu, Co at the RD Cobalt Property
- Gossanous outcrop several meters thick, with potential strike length >400 m
- Associated Electro-Magnetic anomaly
- Significant gold (to 17.80 g/t), cobalt (to 0.53%) and copper (to 4.5%) , 0.53% Cu anomalism in rock (grab) samples
- Near drill ready
- Golden Wonder has the appearance of a Beshi-Type Massive Sulfide occurrence with surface grab samples reporting high-grades of Au, Cu, and Co.





## Buran Project, Almeria, South East Spain

- It is located in SE of Spain following the previous investigations of deposits of Cu-Co and Cu-Pb in the permotriassic sandstones, Some of these mines had specific cobalt productions.



## Buran Showing Summary

### Historic Highlights

- The area is plenty of small mines of Pb, Zn, Cu, Mn, Fe, Co, Ag, Sr and Ba, although the operations of extraction -inexistent in the last 30 years- they should not overcome, except few exceptions, the 25.000 t of ore concentrates due the lack of market and poor mechanic development.
- The main mineralizations are Pb-Zn (F) and Cu-Co (Ni, Ag). The first are embedded in carbonated formations of the Triassic, associated with limestones and dolomites formed in environments restricted. The second, which is also within Triassic dolomites, barely known, although present a clear interest in the benefit of cobalt.







## Buran Showing Summary

### Historic Highlights

- The mineralization is enriched in several elements (Co-Ni-Ag-Se-As-Hg) that entry into the category of RSE (redox-sensitive elements). Bearing in mind that the mineralization is stratified with high TOC dolomites affected by thrusts, a Mississippi Valley-type origin can be extrapolated for this deposit, with the origin of the metals in the washing of marine series or from the mafic intercalations into the series, with the carbonate/dolomite formations as a “reducing trap” for mineralization.







## Buran Showing Summary



- The concentrations of primary cobalt minerals are important and it may be interesting to check their regional extension. This type of deposit can be very widespread in Betica, and could also concentrate elements of the platinum group. It is quite similar to the D.R.C. mineralizations.



## Beatriz Project, Granada, Spain

- Located in the south of the province of Granada, about 90 kms from the capital. The geological environment of the deposit is given by a discordant deposit of cream-colored Triassic marbles, among which the mineralization fits.
- The mineralization adopts a stratiform morphology but closely related to a network of small fractures and diaclases, as well as to the porosity of bedding rocks.





## Beatrix Showing Summary

### Historic Highlights

- The main mineralizations are Pb-Zn (F) and Cu-Co (Ni, Ag). The first are embedded in carbonated formations of the Trías, associated with limestones and dolomites formed in environments restricted. The second, which is also within Triassic dolomites, barely known, although present a clear interest:
- The mineralization adopts a stratiform morphology but closely related to a network of small fractures and diaclasses, as well as to the porosity of the host rocks.



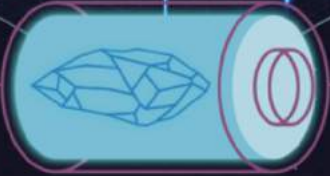


## Beatriz Showing Summary

### Historic Highlights

- The deposit consists of primary and secondary minerals of silver (Ag), copper (Cu), Cobalt (Co) and nickel (Ni).
- This deposit began to be exploited at the end of the 19<sup>th</sup> century for the extraction of cobalt and nickel that was used for the manufacture of dyes for the ceramic industry.
- In the first third of the twentieth century, there is a great demand for mineral resources by Europe, basically lead, iron and copper and Pb, these mines were exploited, but vanadium and molybdenum were rejected for their low price and cobalt demand was not very high.





# VANADIUM

THE ENERGY STORAGE METAL

The first wide-scale use of vanadium in industry was in 1905, when Henry Ford realised that the Model T could be stronger and lighter if he used vanadium-enriched steel.

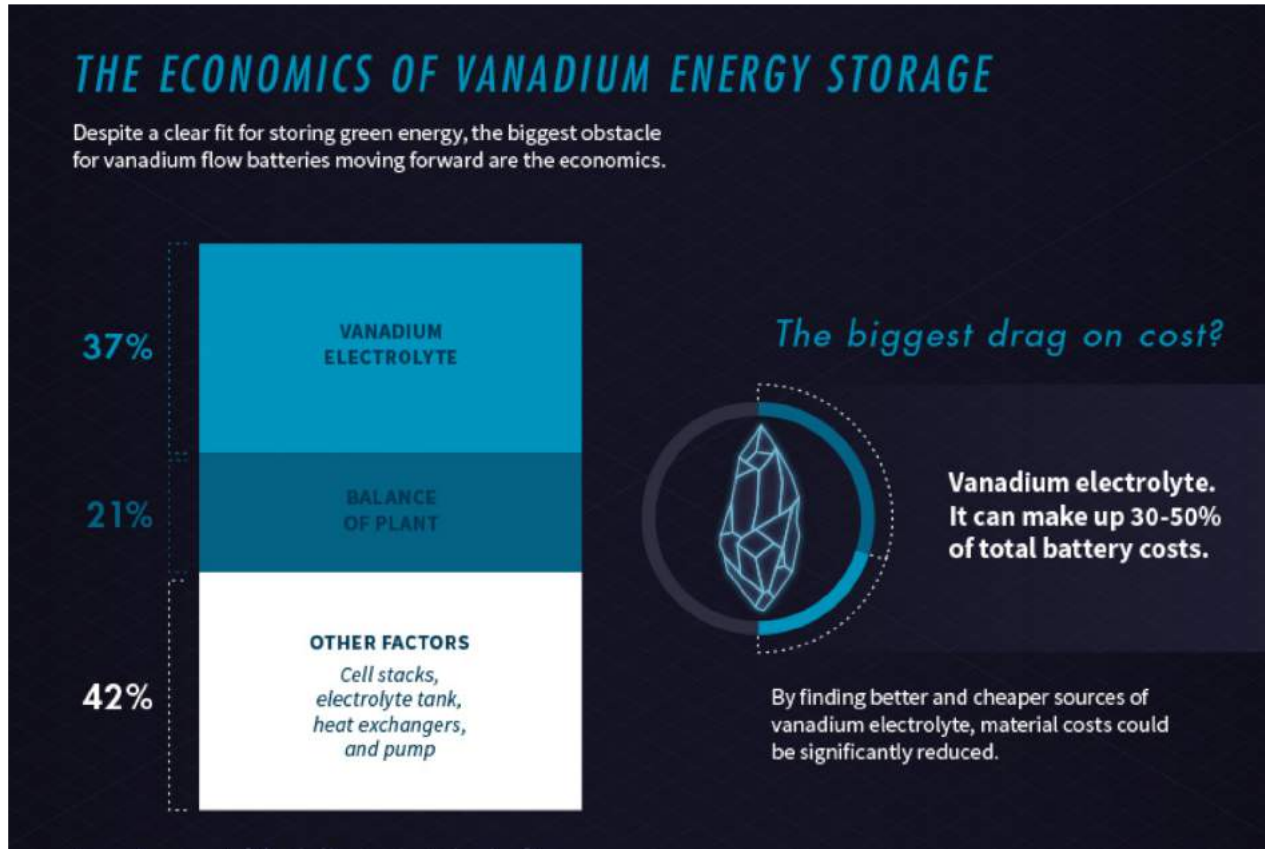
*Today, vanadium promises to be a major player in the green energy storage revolution.*

*Demand for vanadium batteries is growing rapidly with the urgent need for grid-scale renewable energy storage.*

*Primary supply of vanadium electrolyte is crucial to positioning vanadium batteries to the forefront of the green energy storage market.*



## The Value in Vanadium







## Odin-Altair Vanadium Projects, Badajoz, Spain

- It is located : 120 kms from Córdoba and 160 kms from Seville.
- Historic and important area for lead mining with an exceptional vanadium content.





## Odin - Altair Showing Summary

### Historic Highlights

- The Badajoz province is the unique region of Spain where the vanadium were extracted at industrial scale. During the first quarter of the 20th century, the production was the highest in the world.
- The vanadite appears in dikes with NE-SW direction and it is associated with cerusite and blend, calcite and iron oxides. The vanadite comes from the alteration of the blend, having been the vanadium its origin in the host rock amphibolites.





## Odin - Altair Showing Summary

### Historic Highlights

- The average vanadium grades historically extracted was 4-5% of vanadium oxides ( $V_2O_5$ ) that was concentrated by hand in the mine reaching the 12% of  $V_2O_5$ . In comparison, Largo Resources vanadium presents content of an equivalent to 1.34%  $V_2O_5$  (in Maracas Mine, Brazil one of the world class vanadium mines), double than typical South African content.
- The most relevant old mines were “San Miguel”, “Joaquina” and “Gerty” and that correspond to mineralizations of secondary origin, supergenic, of vanadates of Pb that in depth pass to filonian mineralizations of type BPG.





## Share Capital

Shares pre IPO – **15,610,000**

Shares post IPO – **19,610,000**

# Thank You



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