Essential Power...Infinite Possibilities



eCobalt Solutions Inc. is committed to providing ethically produced and environmentally sound battery grade cobalt salts, essential for the rapidly growing rechargeable battery and renewable energy sectors, made safely, responsibly, and transparently in the United States.

### Idaho Cobalt Project (ICP)

Battery chemicals accounted for 49% of cobalt demand in 2015 and year over year cobalt battery demand growth is expected to be 11.7%. The ICP is American's only near term, primary cobalt deposit with all necessary approvals required for construction and a fully approved Plan of Operations. eCobalt recently released feasibility level metallurgical work and has demonstrated it can successfully produce high purity, battery grade cobalt sulfate from ICP ore. In excess of \$110 million have been spent on the project to date including exploration, development, permitting and construction with the following milestones:

- Stages I & II of construction completed with \$65 million spent 2011-2012
- Preliminary Economic Assessment (PEA) Battery Grade Cobalt Sulfate-April 2015
- Completed metallurgical test work to produce cobalt sulfate heptahydrate crystals suitable for use in the recharge battery sector – March 2016
- Initiation of Feasibility Study to assist in securing mine financing, June 2016

The results from the April 2015 PEA are as follows (all in USD):

Pre-tax NPV \$148M, IRR 27.7% Post-tax NPV \$113M, IRR 24.07% Discount rate 8.50% **Initial Capex** \$147M Life of Mine 12.5 years \$983M LOM Gross Revenue LOM Avg net cash cobalt production cost \$4.94/lb Pre-tax initial Capex payback 3.7 years **LOM Cobalt production** 35,356,415 lb LOM Copper production 57,384,700 lb



- Idaho Cobalt Project advanced stage near term production potential\*
- Positive Preliminary Economic
   Assessment released
- Ethically produced & environmentally sound
- Rapid growth in worldwide cobalt demand as supply deficit looms
- Rechargeable batteries and the renewable energy market driving cobalt demand

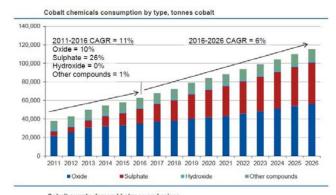
\*Upon successful conclusion of mine financing

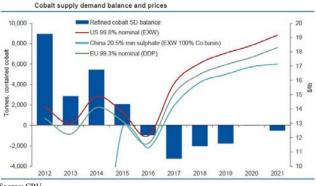
## Electric Vehicles and Renewable Energy will increase future Cobalt demand

- Cobalt market expected to tighten due to combination of robust demand and absence of definitive project pipelines.
- Electric vehicles (EV's) and Energy Storage Systems (ESS's) projected to more than double cobalt demand.

Tesla, Ford, Mitsubishi, Porsche, Aston Martin, BMW, GM, Volvo, BYD, Renault Nissan, Mercedes Benz, and Volkswagen have all announced significant financial investments in producing Electric Vehicles and/or Energy Storage Systems in the next several years, most notably:

- Tesla: US\$5 billion Gigafactory ahead of schedule. Ramp up production to 500,000 EV's in 2018.
- In addition to Tesla's Gigafactory, at least 12 other Gigafactories are currently being built worldwide.
- Over 20 automakers are currently developing Electric Vehicles to be released by 2020.
- Governments, corporations, and consumers are starting to recognise the importance of ethically produced products with transparent supply chains.





Source: CRU



#### **MANAGEMENT**

J. Paul Farquharson, B.B.A Marc Tran, CPA, CGA, B.Comm, B.A E.R. (Rick) Honsinger, P.Geo., B.Sc.

#### **BOARD OF DIRECTORS**

Robert J. Quinn, B.S.B.A., J.D.
David Christie, P. Geo.
J. Paul Farquharson, B.B.A.
Gregory Hahn, CPG, B.A., M.S.
Scott Hean, B.A., MBA, ICD.D
Rob Metka, BSc., Mech. Eng., M.Sx.
David Stone, Ph.D., M.B.A., P.E., P.Eng.

#### **SHARE STRUCTURE (November 2016)**

Shares Issued ~107.3 Million Fully Diluted ~121.7 Million

#### TREASURY (Nov. 30, 2016)

Cash and Cash Equivalents C\$3.15M Working Capital C\$2.74M The Company has no long-term debt

# e**Co**balt

#### **CONTACT INFORMATION**

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The technical information provided in this fact sheet was reviewed and approved by E.R. (Rick) Honsinger, P. Geo, Vice President of the Company and a Qualified Person (QP) for the purposes of Canadian National Instrument 43-101. DISCLAIMER: This fact sheet contains forward-looking statements and forward-looking information (collectively, "forward-looking statements") within the meaning of applicable Canadian and US securities legislation. All statements, other than statements of historical fact, included herein are forward-looking statements. Information concerning mineral resource estimates also may be deemed to be forward-looking statements. Although eCobalt Solutions Inc. (ECS) believes that such statements are reasonable, it can give no assurance that such expectations will prove to be correct. ECS cautions investors that any forward-looking statements by ECS are not guarantees of future results or performance, and that actual results may differ materially from those in forward looking statements as a result of various factors. All of ECS's Canadian public disclosure filings may be accessed via www.sedar.com and readers are urged to review these materials, including the technical reports filed with respect to ECS's mineral properties.