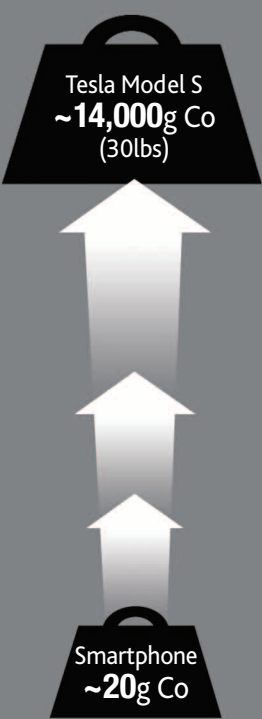


# + COBALT & RECHARGEABLE BATTERIES -

COBALT CHEMICALS ARE USED TO MANUFACTURE RECHARGEABLE BATTERIES. This application represents the single largest use for cobalt and the primary driver of the market. Rechargeable batteries experienced rapid growth over the past two decades due to their use in portable electronic devices. Growth in the need for batteries is accelerating from the transformative evolution to electric vehicles and the need for stationary storage of power from renewable energy and off-peak charging from the electrical grid.

## LITHIUM-ION BATTERIES: Advanced, Lighter, Higher Energy Density



Lithium Nickel Cobalt Aluminum Oxide (NCA)



**3-9%**

COBALT BY WEIGHT IN CATHODE

Use in EVs, laptops, power tools



Lithium Nickel Manganese Cobalt Oxide (NMC)



**3-21%**

COBALT BY WEIGHT IN CATHODE

Use in power tools, e-bikes, EVs, grid storage



Lithium Cobalt Oxide (LCO)



**UP TO 60%**

COBALT BY WEIGHT IN CATHODE

Ideal for cell phones, laptops, cameras.



**2021**

Installed  
Megafactory  
Capacity: 1,029 GWh



**2030**

BMI's Megafactory Tracker of  
Lithium-ion Battery Capacity  
Pipeline: 6,000 GWh



Photo credit: Tesla

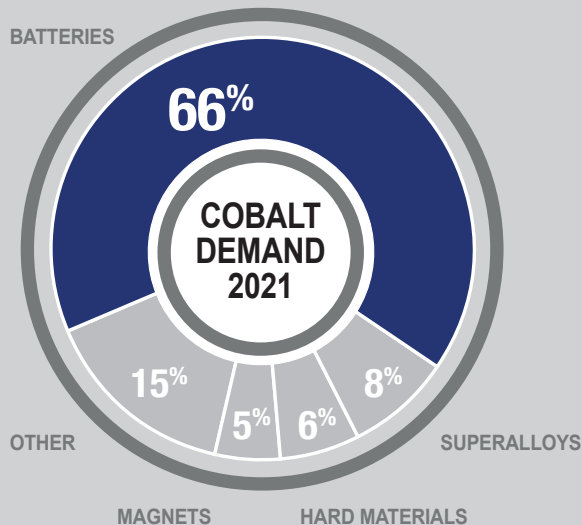
**Fortune Minerals** is developing the NICO Project, comprised of a proposed mine and mill in Canada's Northwest Territories & refinery in Alberta, to become a vertically integrated producer of cobalt chemicals for the lithium-ion battery industry with over a million ounces of gold and 12% of global bismuth reserves as by-products. NICO will stand out as a North American cobalt chemical producer that is independent of the Congo, China, and copper & nickel primary production.



# RECHARGEABLE BATTERIES *DRIVING* COBALT DEMAND

## BATTERY USAGE ACCOUNTS FOR 66% OF COBALT DEMAND

(Source: Darton Commodities)



## NICKEL-METAL HYDRIDE BATTERIES

**15%** UP TO 15%  
COBALT BY WEIGHT



**15kg**

UP TO 15KG OF COBALT IN A TYPICAL  
LITHIUM-ION CAR BATTERY

## LITHIUM-ION BATTERIES

**60%** UP TO 60%  
COBALT BY WEIGHT

Cobalt is recognized as strategically important by both the US and European Union as it is critical to a number of metallurgical and chemical products but is susceptible to supply concerns.



**73%** of mined cobalt is sourced from the Congo

China refines **75%** of the world's cobalt

**98%** of the world's cobalt is mined as a by-product  
of copper & nickel

Tesla announced its first Gigafactory in 2014 with an expected lithium-ion battery capacity greater than the world's in 2013. By early 2022 Benchmark Mineral Intelligence was tracking 299 lithium-ion Megafactories globally!



Photo credit: Tesla

This document contains forward-looking information. This forward-looking information includes statements with respect to, among other things, the proposed development of the refinery. Tesla's battery capacity at its lithium ion plant in the United States, total lithium ion pipeline capacity by 2030, and the anticipated production of lithium ion batteries from such plants. Forward-looking information is based on the opinions and estimates of management as well as certain assumptions at the date the information is given (including, in respect of the forward-looking information contained in this fact sheet, assumptions regarding the ability of Fortune Minerals Limited (the "Company") to arrange necessary financing for its NICO cobalt-gold-bismuth-copper project and the refinery and obtain all necessary permits for the NICO project and the refinery and assumptions regarding the development of and production from proposed lithium ion plants). However, such forward-looking information is subject to a variety of risks and uncertainties and other factors that could cause actual events or results to differ materially from those projected in the forward-looking information. These factors include the inherent risks involved in the exploration and development of mineral properties, the risk that the Company may not be able to arrange the necessary financing to construct and operate the NICO mine or the refinery, uncertainties with respect to the receipt or timing of required permits for the development of the NICO project or the refinery, the possibility of delays in the commencement of production from the NICO project or construction of the refinery, the risk that proposed lithium ion battery plants may not be developed, the risk that the production from such plants even if it completed will be less than anticipated and other factors. Readers are cautioned to not place undue reliance on forward-looking information because it is possible that predictions, forecasts, projections and other forms of forward-looking information will not be achieved by the Company. The forward-looking information contained herein is made as of the date hereof and the Company assumes no responsibility to update or revise it to reflect new events or circumstances, except as required by law.



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