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#### **STRATEGY**

Invest & Develop - World Class Assets In Battery Minerals Sector (Lithium, Rare Earths & Cobalt)

- Unique early investment strategy & development firm within the battery mineral resource sector
- Identify **undervalued** assets with **irreplaceable** strategic advantages
- We invest in them and help turn them into powerhouses and provide capital growth
- Apply this approach across two types of assets



#### **Direct Project Investments**

- •Invest up to 100% economic stake
- •**Early** in the development cycle (pre resource maiden resource)
- •**De-risk** investment with structured investments, through milestones and or free carries
- •Work with management to **drive value**

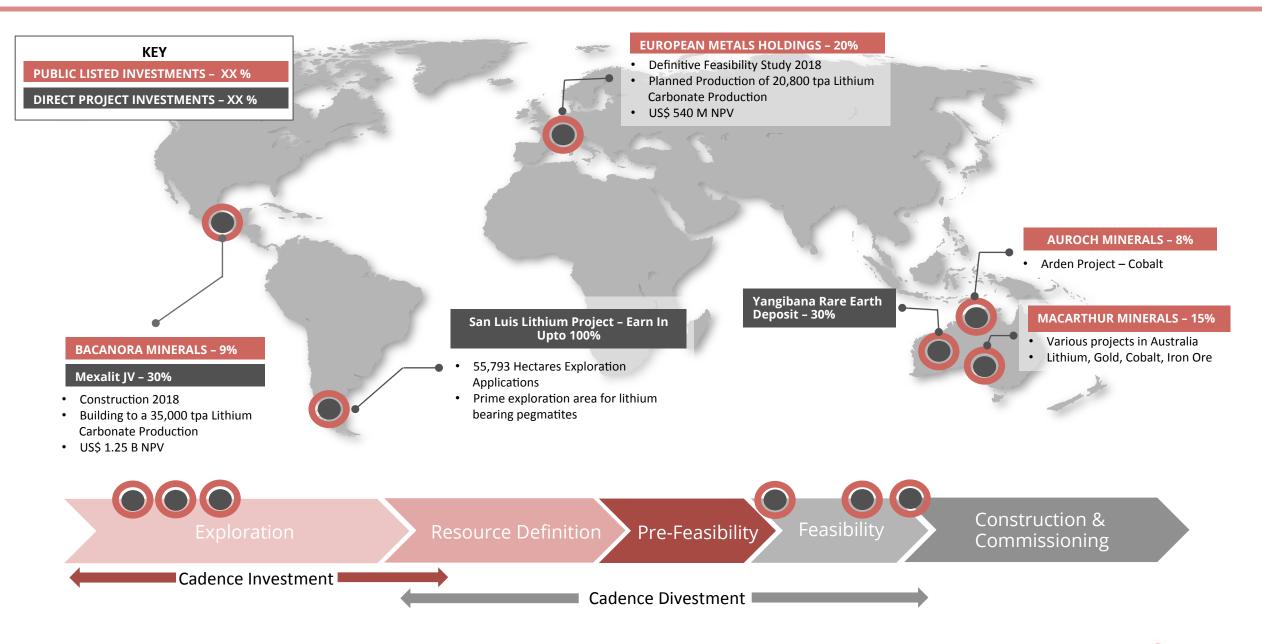


#### **Public Listed Investments**

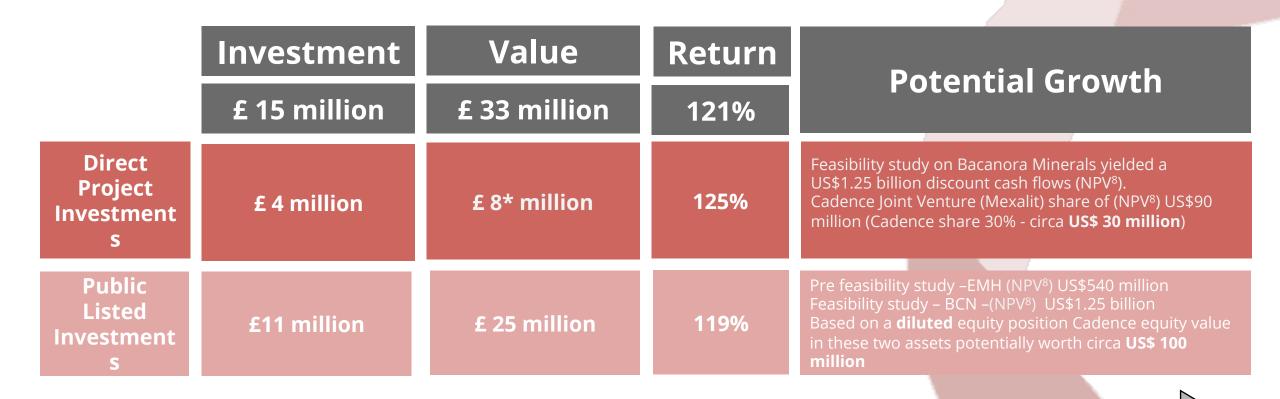
- Invest up to **30%**
- Early to Medium in the development cycle (resource – preliminary economics)
- De-risk investments with board representation or equity liquidity
- Leverage "know how" to help expedite development



#### STRATEGY & KEY INVESTMENTS



### VALUE PROPOSITION



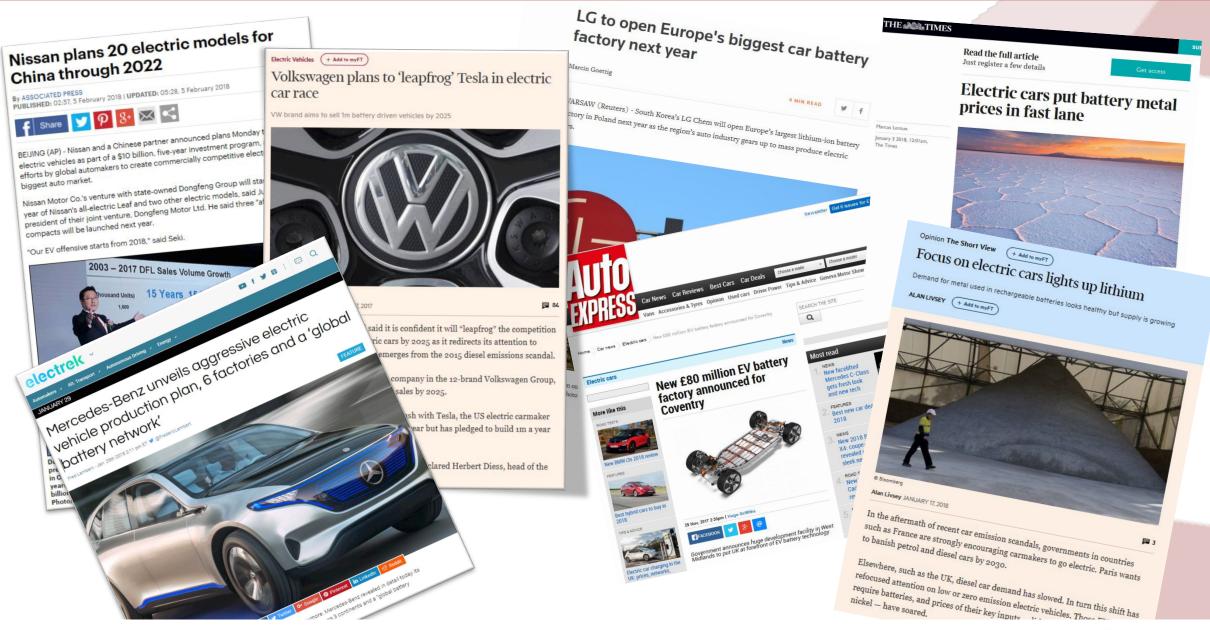
#### Cadence Market Capitalisation £ 20 million



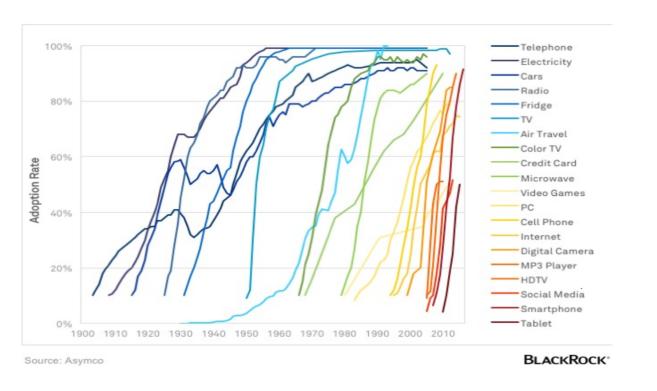
<sup>\*(29/12/2017)</sup> Values rounded to nearest million

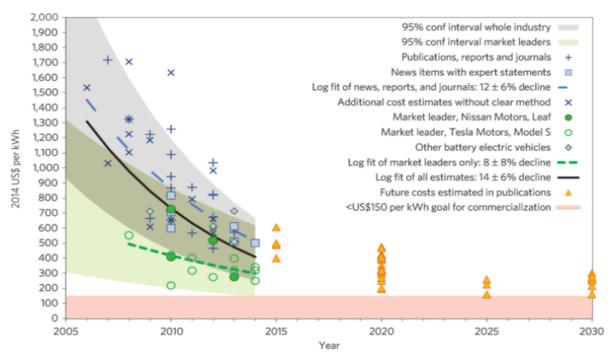
<sup>\*\*</sup> Based total joint venture book value and a pro rata value for Mexalit joint venture (%Project NPV8 from feasibility study x Market Capitalistion of Bacanora Minerals at 29/12/2017)

## WHY BATTERY MINERALS SECTOR?



# TRIC VEHICLES (EV's) ARE A DISRUPTIVE TECHNOLOGY



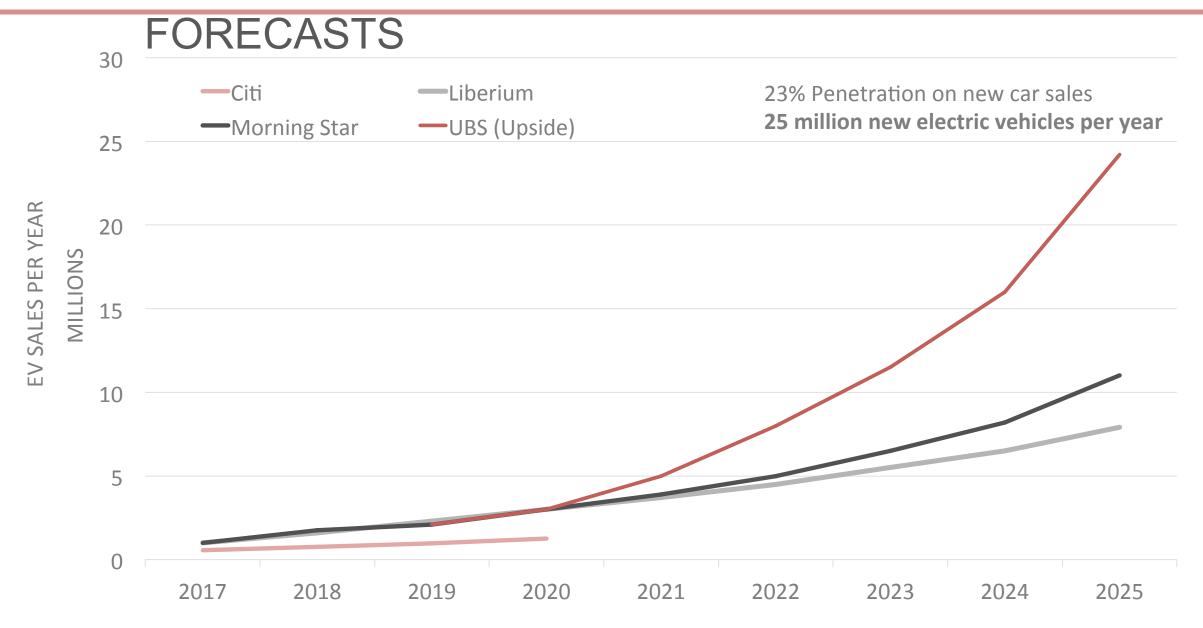


- EV's are 5x more efficient (95%) ICE 20%
- EV's are 5x to 10x cheaper to fuel / charge
- EV's are 10x cheaper to maintain (10X less moving parts)

When you see a 10x economic improvement, disruption on incumbent technology / business models occurs



## **ELECTRIC VEHICLE**



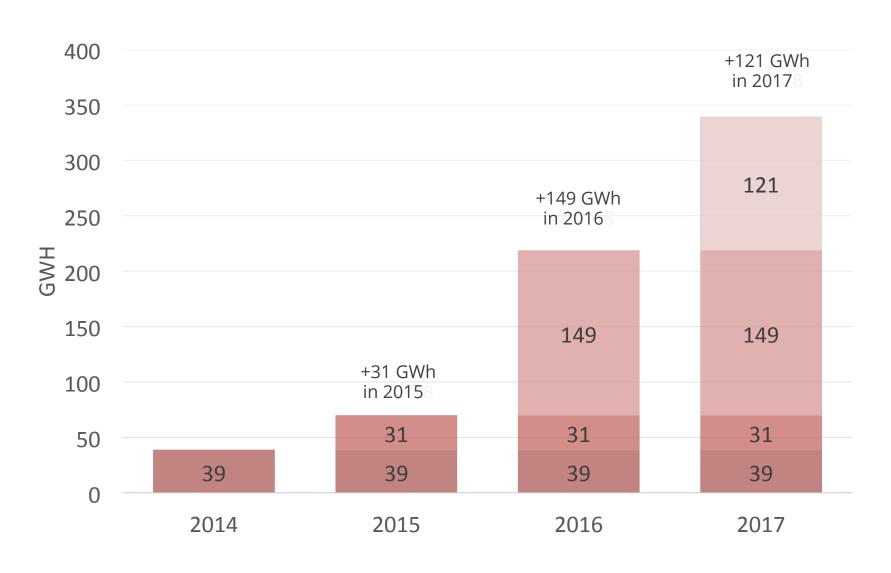
## "The horse is here to stay but the automobile is only a novelty — a fad."

President of the Michigan Savings Bank advising **Henry Ford's** lawyer, Horace Rackham, not to invest in the Ford Motor Company.





## ITAL IS FLOWING TO THE LITHIUM ION BATTERY SECTOR



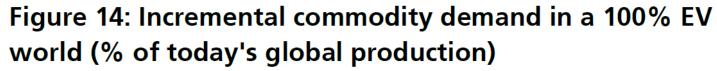
- 9 x Increase in planned Gigawatt hour capacity (GWh)
- 340 GWh = **US\$ 34 billion** in capital investments
- Forecasts would suggest in excess of 709 GWh required by 2025.

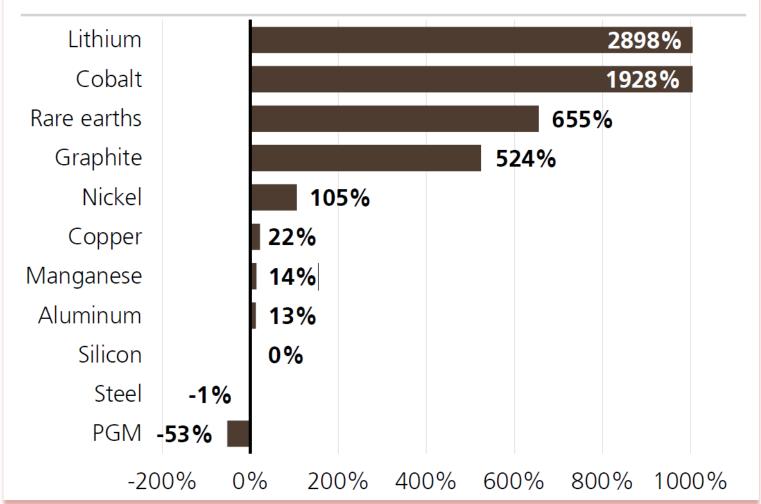


Source : Benchmark Minerals. All data collected by Benchmark Minerals Intelligence



## /HY LITHIUM, RARE EARTHS & COBALT





- Scarce Although ample mineral resources they have not been developed to meet the forecast demand
- No Replacements Lithium, Rare Earth and to a lesser extend cobalt have no complete replacements
- Disruptive Technology will drive demand not a "cycle", created by regulation or regional economic drivers

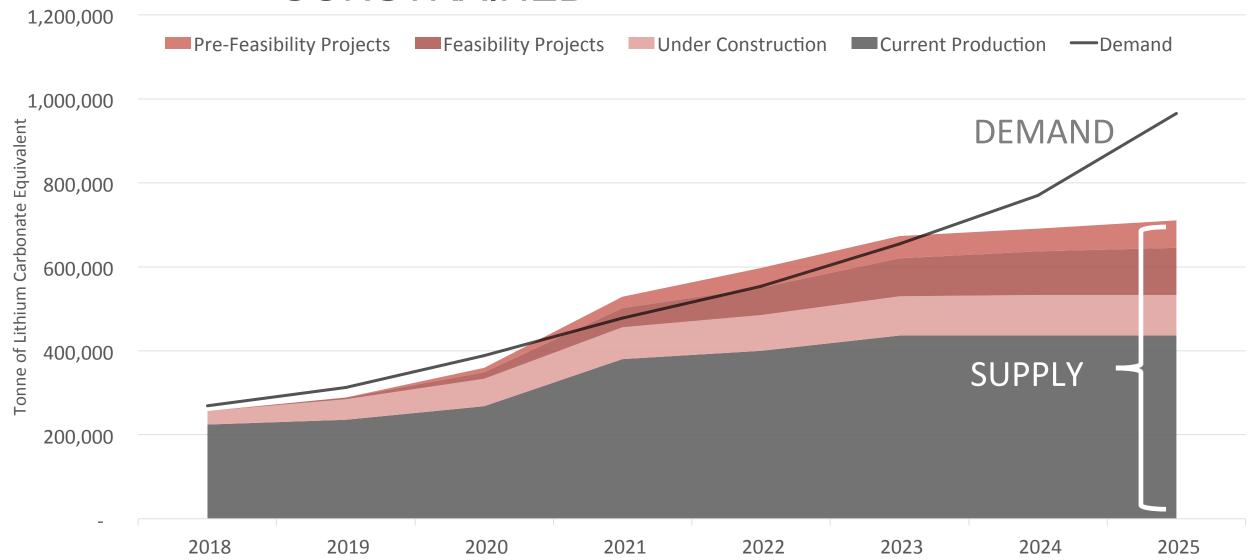


Source: UBS – Q series – UBS Evidence Lab Electric Car Teardown – Disruption Ahead? – May 2017



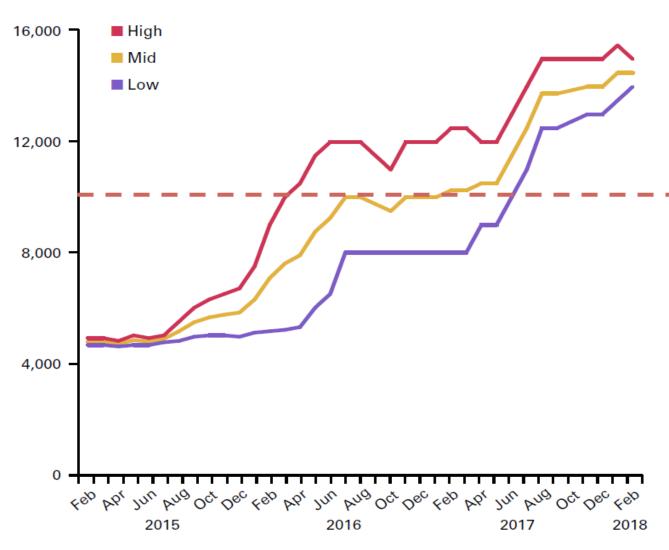
### LITHIUM - SUPPLY TO REMAIN

## CONSTRAINED



### LITHIUM PRICING REMAINS

#### **STRONG**



Our investments use US\$10,000 to US\$11,000 per tonne of lithium carbonate for revenue calculations substantially below current prices

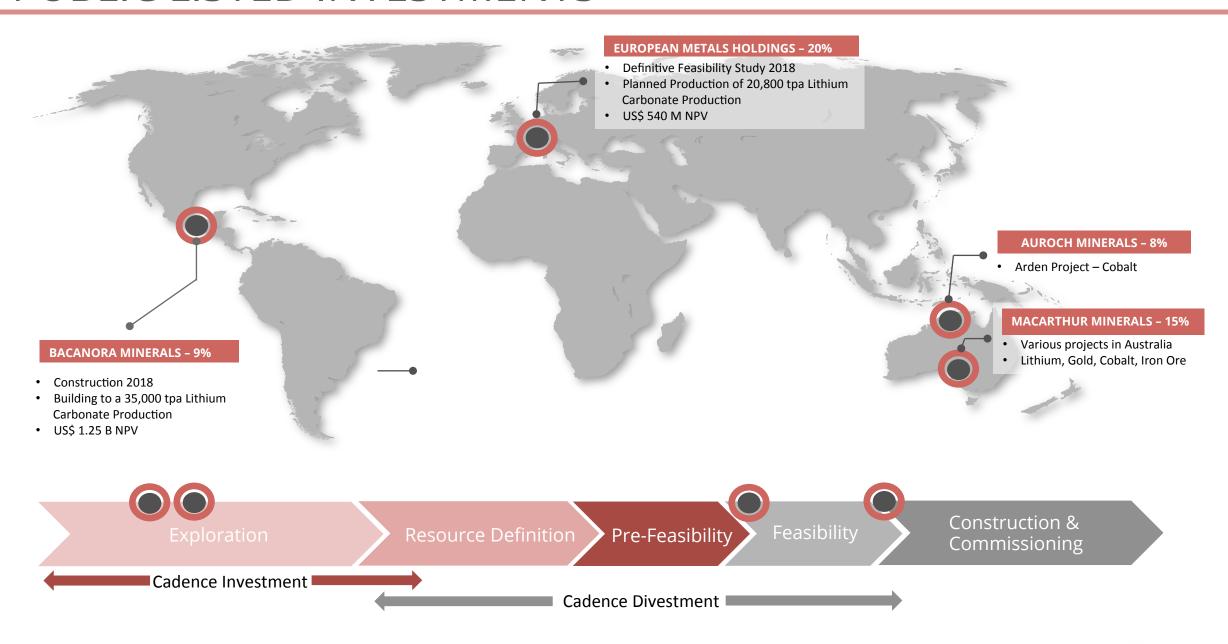


Source: Benchmark Minerals. All data collected by Benchmark Minerals Intelligence





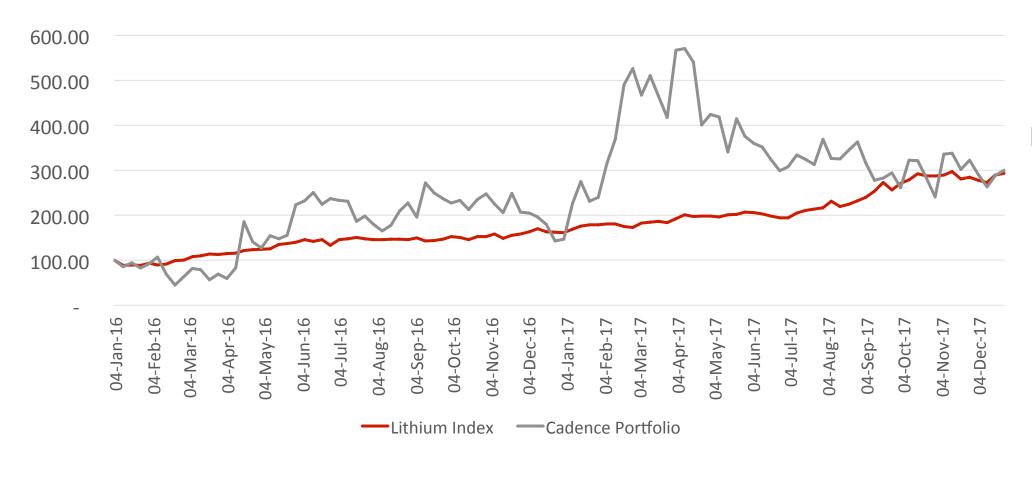
## PUBLIC LISTED INVESTMENTS



#### FORMANCE OF CADENCE PUBLIC LISTED INVESTMENTS

Absolute
Cumulative
Returns

2016				2017			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
17.9%	97.4%	65.9%	36.5%	130.1%	72.2%	110.1%	119.2%



Rebased lithium Index and P&L of Cadence to 100



#### **KEY INVESTMENTS**

#### Globally significant lithium projects

**Size:** both of this investments represent two of the four largest non brine deposits in the world.

**Low Cost:** these assets have operational costs that are in the lower half of the cost curve

**Location:** assets are strategically located to serve the most important markets of battery manufacture and

EUROPEAN METALS 20% Equity

BACANORA MINERALS 9 % Equity

SIZE

7 m t LCE

9 m t LCE

**OPEX** 

US\$ 3,483/t Li<sub>2</sub>CO<sub>3</sub>

US\$ 3,418/t Li<sub>2</sub>CO<sub>3</sub>

**CAPEX** 

US\$ 393 million

US\$ 799 million

**NPV 8%** 

US\$ 540 million

US\$ 1.25 billion

IRR

21%

21%

Li<sub>2</sub>CO<sub>3</sub> Price

US\$ 10,000

US\$ 11,000







# LOCATION - EUROPEAN METALS HOLDINGS (20%)

#### At the Heart of New European Demand





Plans to build 2-3 million EVs per year & release 30 new models by 2025. Reports of EUR 10bn battery factory in Leipzig -150kms from Cinovec



EUR 1bn EV program, headquarters in Stuttgart & factory in Leipzig. Confirmed to be working on production EV sedan



EUR 2bn EV program with target to bring 10 EV models to the market by 2025, making up 15 -25% of global sales



Plans to introduce electric Mini and BMW X3 SUV to range of EVs built in factory, near Leipzig. BMW attempting to expand EV sales to 15-25% by 2025



Based in Dresden, 45 minutes from Cinovec, building 2<sup>nd</sup> battery factory & expanding production by EUR 2bn. EUR 10bn by 2020 on 10 new EV's

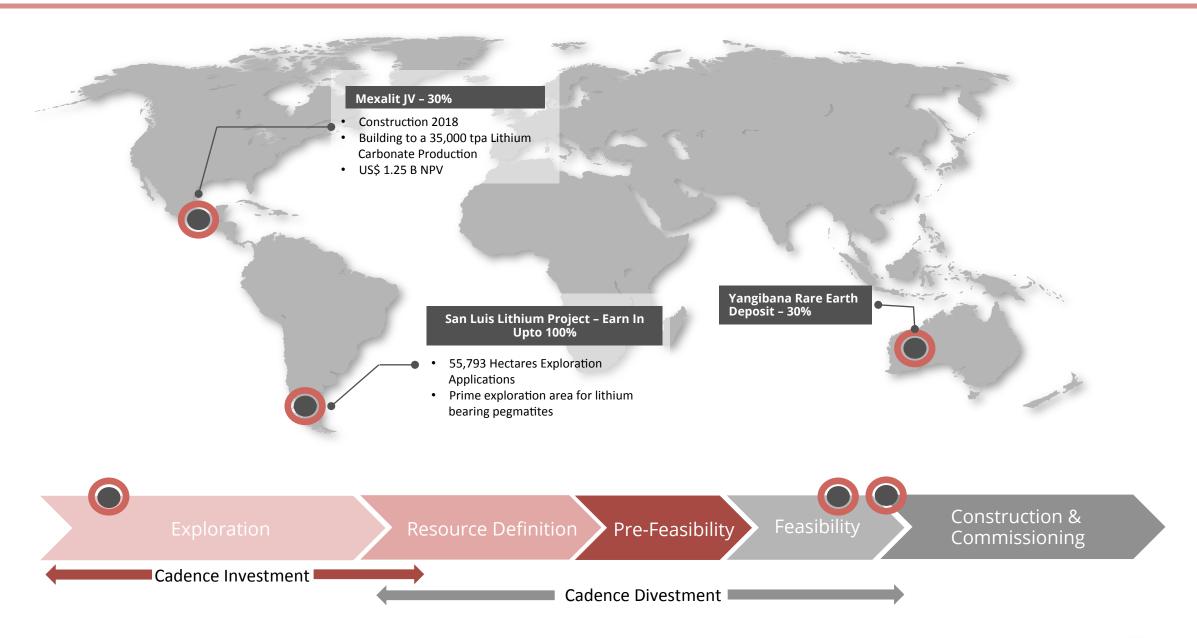


VW's Skoda, headquartered in Mladá Boleslav, announced a new all -electric SUV with a 500km range, a speed of 180km/ h & some autonomous driving capabilities





### STRATEGY & KEY INVESTMENTS



#### SAN LUIS LITHIUM PROSPECTS

President Mauricio Marci has removed the 5% tax on lithium exports and is improving the regulatory structure of the lithium industry

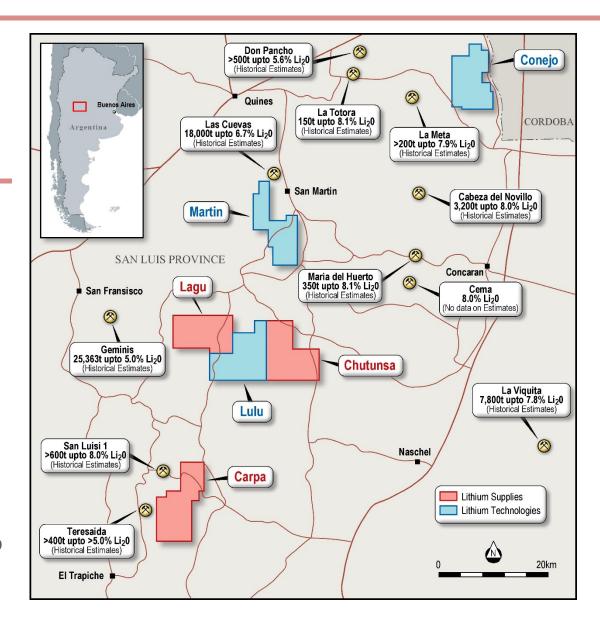
HSBC estimates Argentina will contribute 17% of 2016 global supply that should increase to 23% by 2025

**Six prime** assets in San Luis Province, central Argentina, comprising **55,773 hectares** in applied for exploration permits within the known spodumene bearing pegmatite fields.

**Historic mines** in the region have produced lithium oxide Li<sub>2</sub>O at grades ranging from **4.5% to 6.5%**.

Properties have good access and infrastructure support for exploration activities on a year round basis.

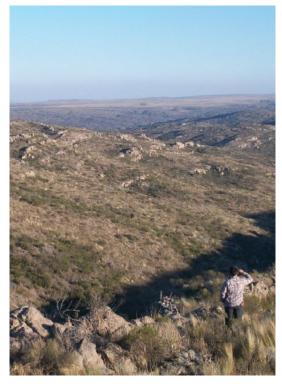
On grant of exploration licenses Cadence will acquire up to **49%** spending by **£1.1m** on exploration and drilling. **Option to acquire 100%** 





## SAN LUIS LITHIUM PROSPECTS

#### Plan for 2018



**Q1 - 2018** Remote prospecting programme to identify spodumene bearing pegmatites\*



**Q2 – 2018** Spodumene sampling programme over pegmatite fields\*



**H2 – 2018** Drilling programme target define mineral resource\*

<sup>\*</sup> Subject to grant of required licenses & permits - Q1 2018

## SUMMARY

#### **COMPANY POISED FOR UPSIDE**

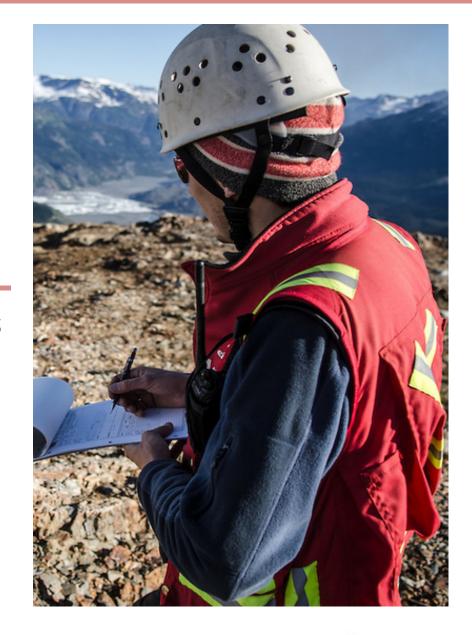
- Current market cap (£ 20 million) backed by equity stakes
- Considerable value to be attributed to unlisted projects

#### WORLD CLASS ASSETS AND STRONG NEWS FLOW

- Combined total resource over investments some 14Mt of LCE.
- Strong news flow & catalysts

	Valuation (pence per share)					
Asset	WH Ireland	Edison	Hannam & Partners	Median		
Bacanora / Sonora	0.67	0.44	0.58	0.58		
European Metals Holdings	0.26	0.20	0.32	0.26		
Macarthur	0.01	0.01	0.01	0.01		
Auroch	0.01	0.01	0.01	0.01		
Yangibana	0.06	0.23	0.08	0.08		
Greenland	0.13	-	-	-		
Net cash (debt)	(0.09)	(0.08)	(0.09)	(0.09)		
Corporate Costs	(0.14)	-	(0.13)	(0.13)		
Total	0.91	0.81	0.78	0.72		

ANALYST VALUATIONS (RISKED)



# CONTACT



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