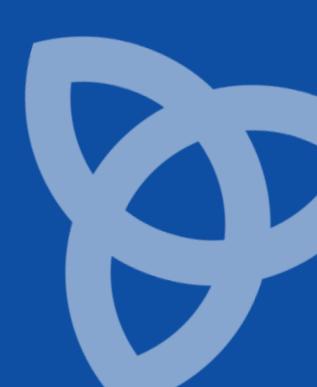


GLOBAL MOBILITY & SEMICONDUCTORS

Presented by Ryan Mahon
Global Mobility Portfolio Manager
JUNE 2024





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Disclaimer





Our Investment Platform

EQUITIES				OTHER ASSET CLASSES		
AUSTRALIAN		GLOBAL		PROPERTY		PRIVATE DEBT
AUSTRALIA ALL CAP	SMALL CAP INCOME	GLOBAL HIGH CONVICTION	GLOBAL MOBILITY	TAMIM	LISTED	TAMIM CREDIT FUND



- 1. A Technology Revolution
- 2. Multiple Ways to Invest
- 3. Why Now?
- 4. Trend Acceleration EV Adoption
- 5. Tesla is Not a Car Company
- 6. Investing Along the Path

- 7. Supply Chain Buildout
- 8. Semiconductors are the New Oil
- 9. Mineral Demand Inflicting
- 10. ROBOTAXI Model
- 11. Robot + LLM = Human-like
- 12. Top Picks for 2024+

Discussion Points



A Technology Revolution



\$8-10 Trillion Opportunity¹

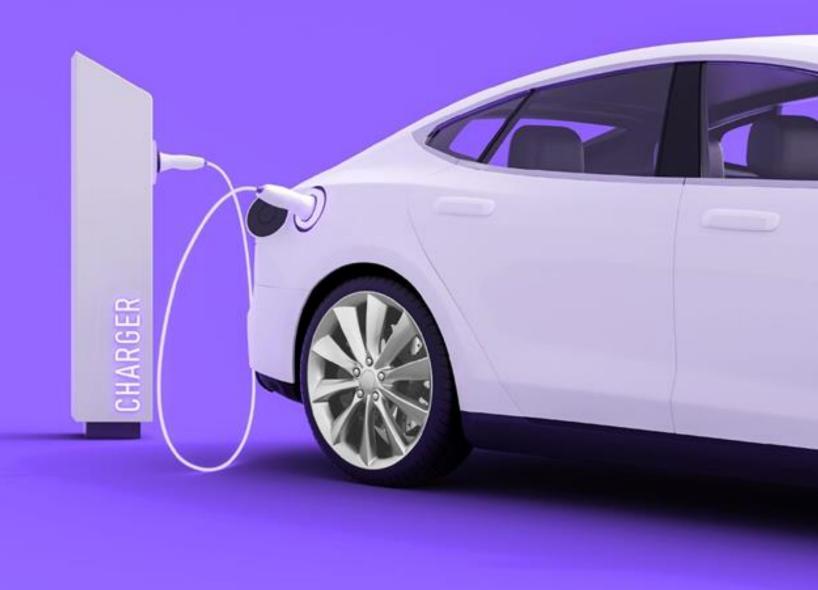


Historic Industry Creation



Historic Industry Destruction





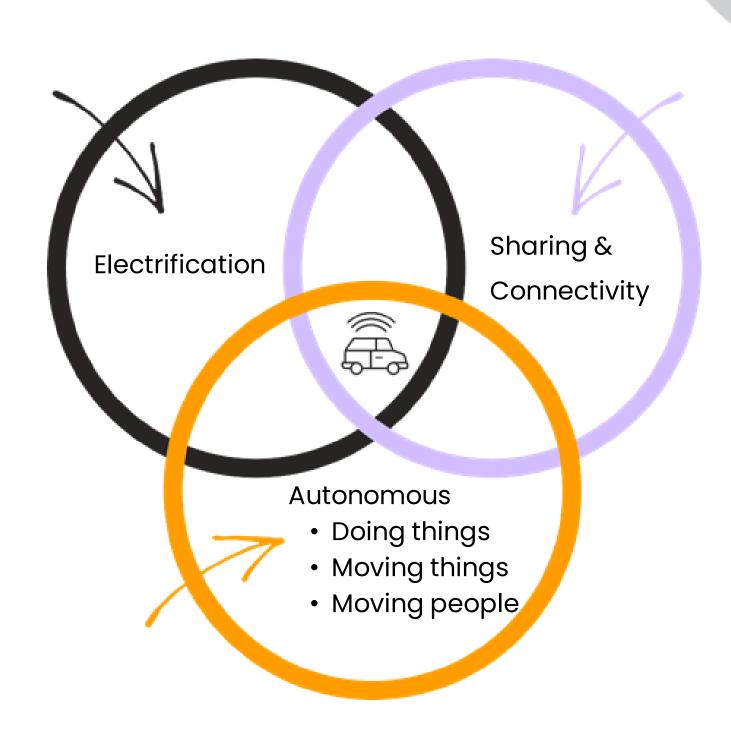


Multiple Ways to Win

OUR APPROACH

- Capitalising on the Path Building Blocks for the Future of Mobility.
- The pillars are not mutually exclusive, but overlapping, synergistic, and collectively "constructing" the expected

8-10 Trillion Revolution



Why Now?

What makes us believe this is such an interesting moment for investment?

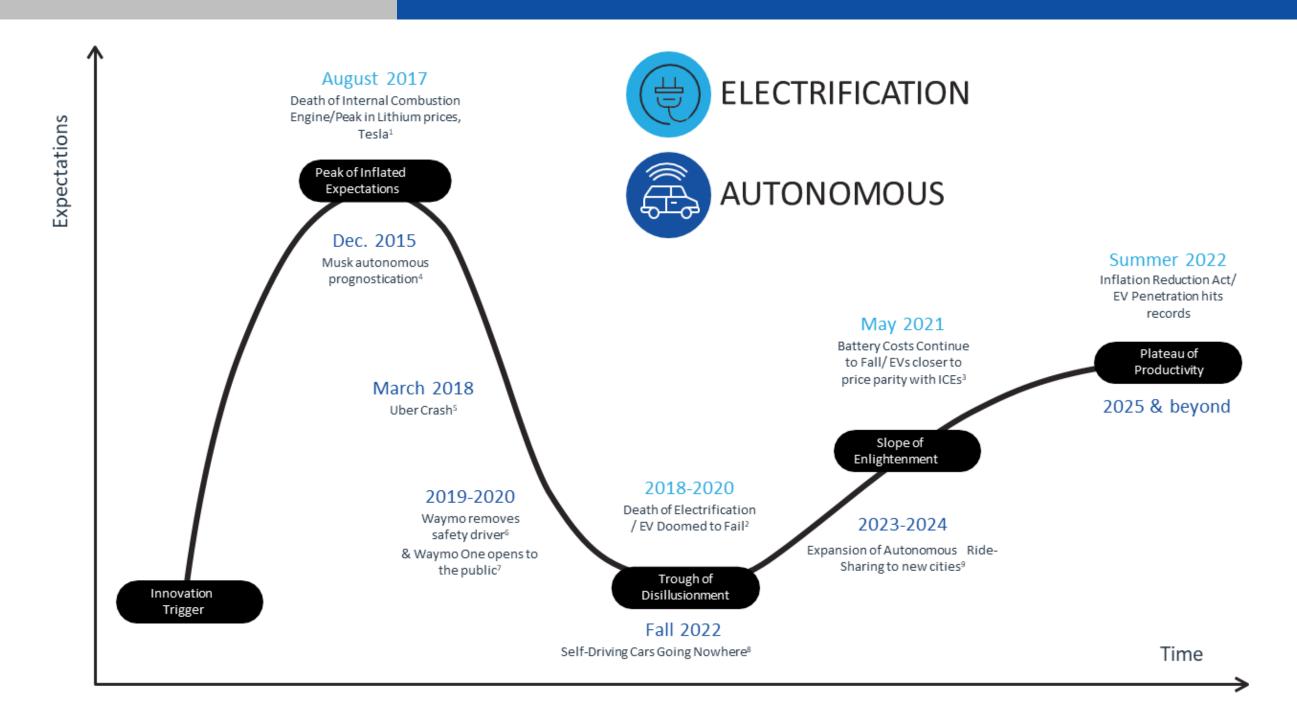
- Higher conviction in themes
- Mobility Universe ~bottoming
- Interest rates ~peaking₂
- Momentum building since
 ~November 2023



- 1. Using HAIL as a proxy for Mobility Universe. Calculation done using data provided by Bloomberg. Data as of June 15, 2024. Data compares the highest price of HAIL over a 4-year span against the price on June 14, 2024. HAIL is an actively managed Exchange Traded Fund (ETF) that invests in domestic and foreign equity securities of companies that are relevant to the investment theme of "mobility innovation a similar strategy to that of the Fund: investing in next generation technologies, notably mobility, via themes such as automation and electrification. There can be no guarantee that the performance of the Fund will mirror the performance of HAIL for any period.
- 2. https://www.reuters.com/markets/europe/ecb-begin-cutting-rates-even-inflation-fight-continues-2024-06-05/

Why Now?





1. The Death of the Internal Combustion Engine (The Economist)

2. What's Happened to US Electric Vehicle Sales? (Forbes)

3. Behind the Three Decade Collapse of Lithium-Ion Battery Costs (IEEE)

4.<u>Elon Musk Says Tesla Vehicles Will Drive Themselves in Two Years</u> (Fortune)
5.<u>Self-Driving Uber Car Kills Pedestrian in Arizona, Where Robots Roam</u> (NYTimes)

6. Waymo is telling customers it will start offering rides in its autonomous cars without safety drivers (Business Insider)

7. <u>Waymo is opening its fully driverless service to the general public in Phoenix</u> (Waymo)

8.Even After \$100 Billion, Self Driving Cars Are Going Nowhere (Bloomberg)
9.Cruise Announces Expansion to Phoenix and Austin And More Plans (Forbes)
10.By The Numbers (The White House)

11.Global EV sales up 63% in H1 2022, with 57% of vehicles sold in Mainland China (Canalys)







COVID-19



Russia/Ukraine



China/Taiwan





CHIPS+ Act



Inflation **Reduction Act**



European **Energy Stimulus**

RESPONSE

Bill to incentivise the reshoring of the semiconductor supply chain, notably manufacturing

An Energy & particular incentives for EV infrastructure and purchases

Energy subsidies to Transportation bill, with consumers and businesses, along with a step up of spending on Energy & Defense

Trend Acceleration

EV Adoption Is Accelerating Globally

As EV sales grow, ICE sales decline. It's zero-sum in no-growth unit market. We are at kink in the S-curve for EV adoption.

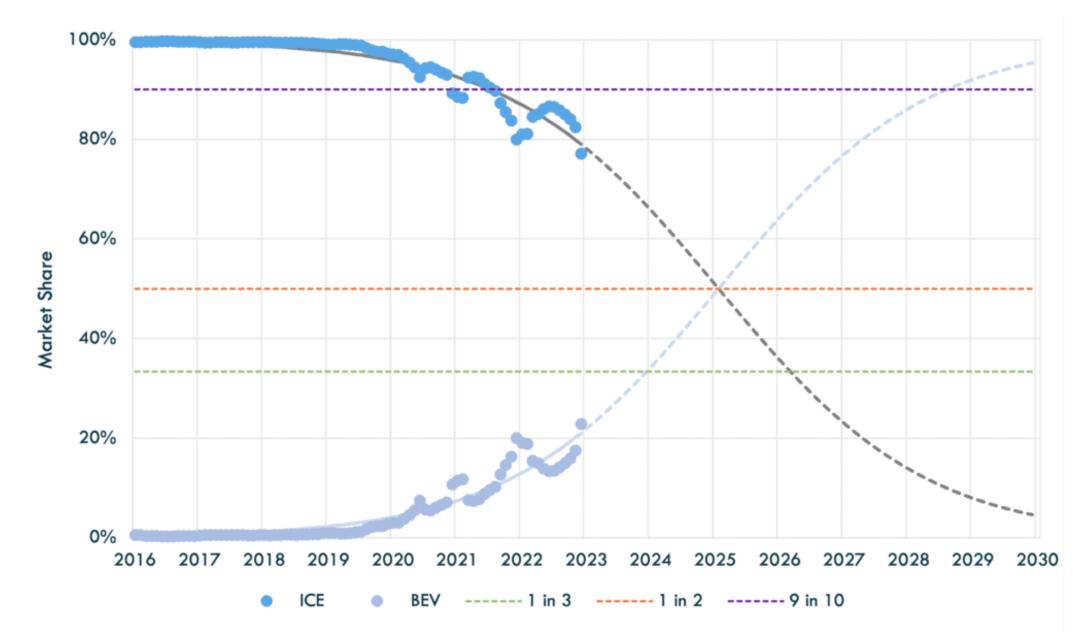
Exposure Example (+)

TSLA

Exposure Example (-)



UK New Vehicle Sales – BEV and ICE Market Share – Adoption S-Curves





ELECTRIC VEHICLES REACHING COST PARITY

Tesla's two best selling models are now cheaper than the average internal combustion engine car.



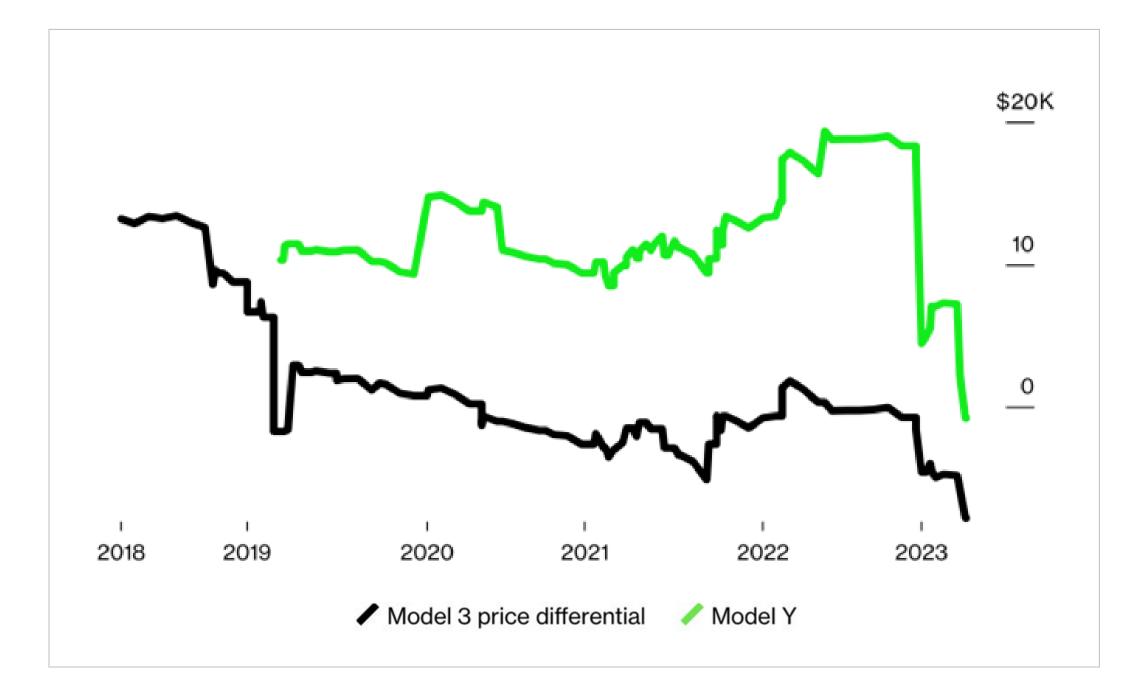
Tesla Model 3



Tesla Model Y

Elon Musk's Price War

How Tesla' top sellers have compared to the average new car in the US



Data: Tesla.com, Bloomberg Intelligence, Edmunds Note: Differential shows the price of each Tesla base model minus the average price paid for a new car in the US.



https://youtu.be/sqYpscsCdOc?si=j6VWR8d-UiVHq96b

Stock At \$2,600 Per Share

(f) (2) (in) Licensing

KIT NORTON | 04:03 PM ET 06/12/2024

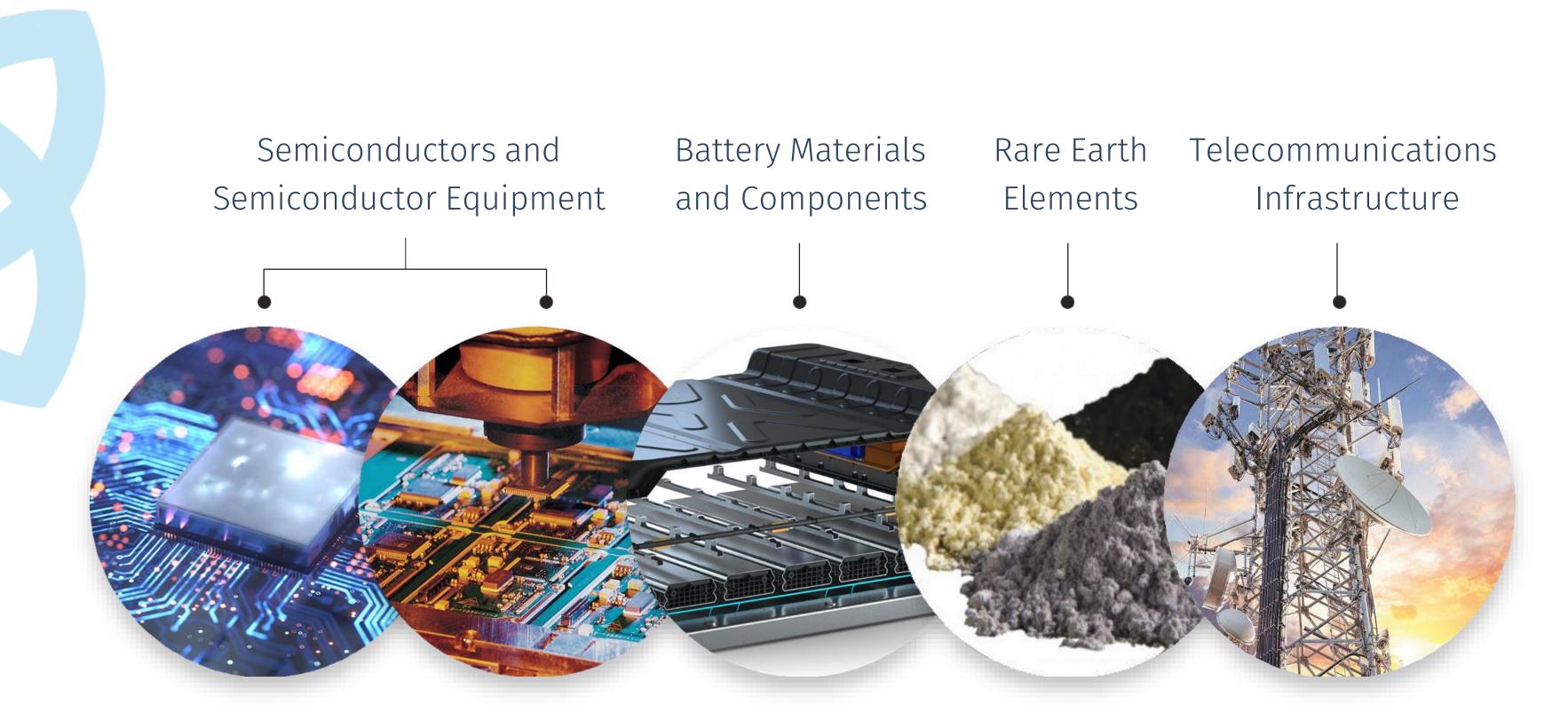
Cathie Wood and her Ark Invest firm updated its Tesla (TSLA) stock price target to 2,600 by 2029 on Wednesday, the day before the EV company holds its annual shareholder meeting with a key vote on Chief Executive Elon Musk's \$56 billion 2018 compensation package. TSLA shares

advanced Wednesday

Cathie Wood Sets 5-Year Expectation For Tesla

https://www.investors.com/news/cathie-wood-tesla-stock-best-case-scenario/

TESLA IS NOT A CAR COMPANY



INVESTING ALONG THE PATH TO ELECTRIFICATION

Supply Chain Buildout has Begun

Exposure Example (+)

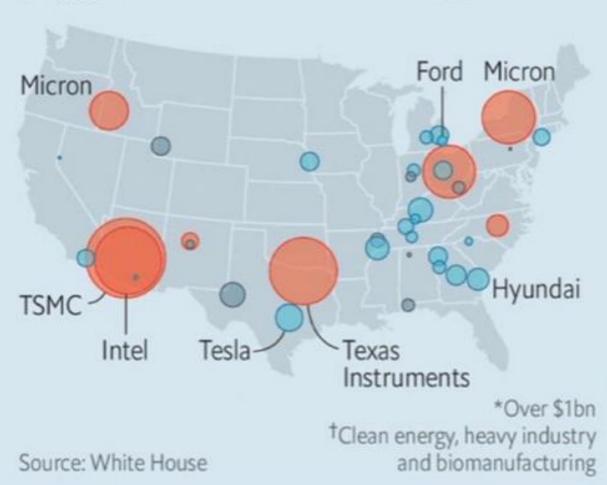
TERADYNE

A feast of chips and greens

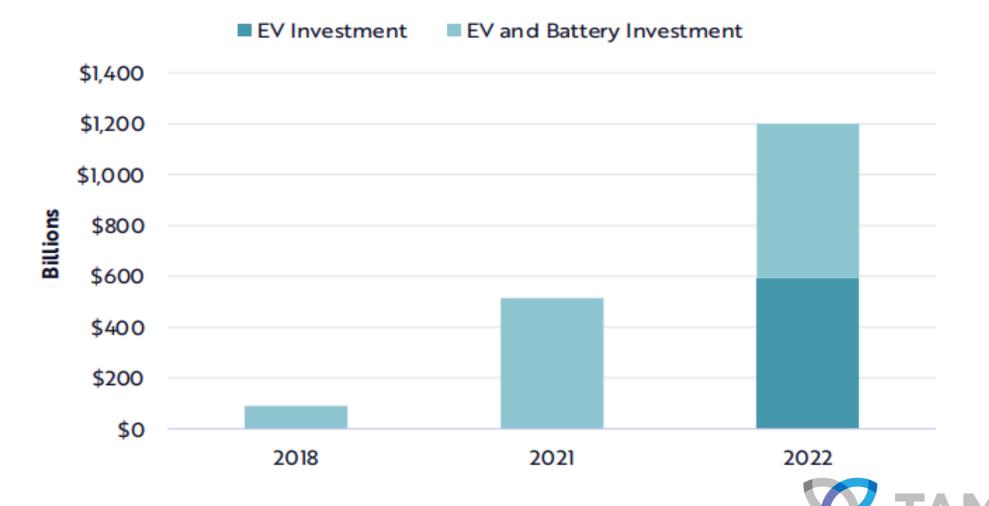
United States, manufacturing investments announced*, 2021-22, \$bn

- Semiconductor factories
- Electric vehicles & battery plants
- Other†





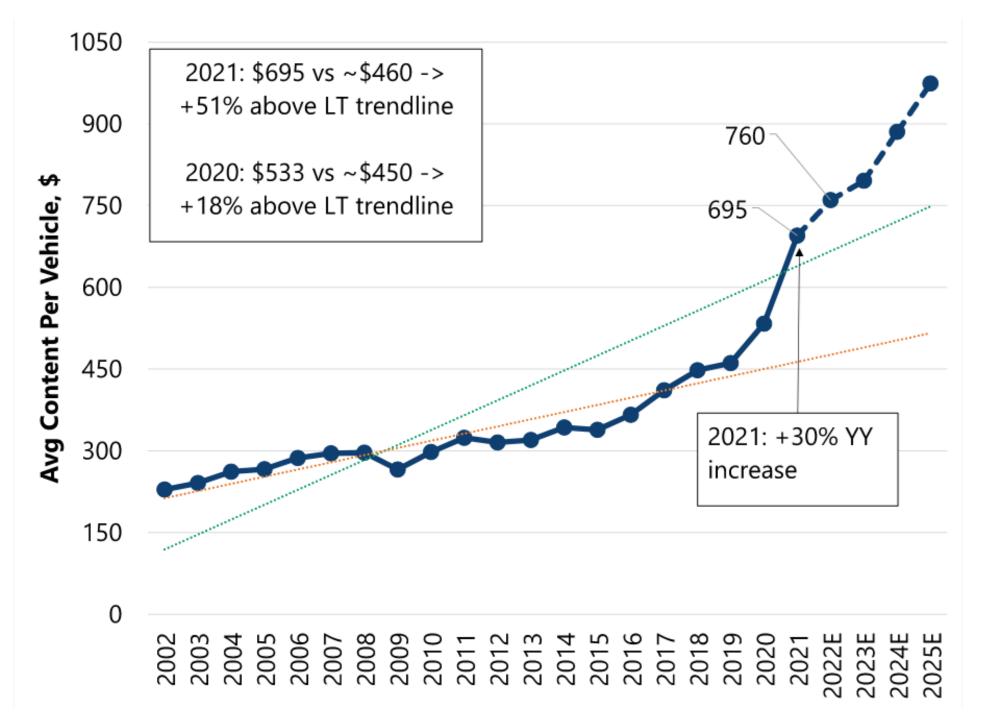
Global Automaker Investment Plans for Electric Vehicles and Batteries Over The Next Ten Years





Semiconductors are the New Oil

Semiconductor Content per Vehicle



Exposure Example (+)

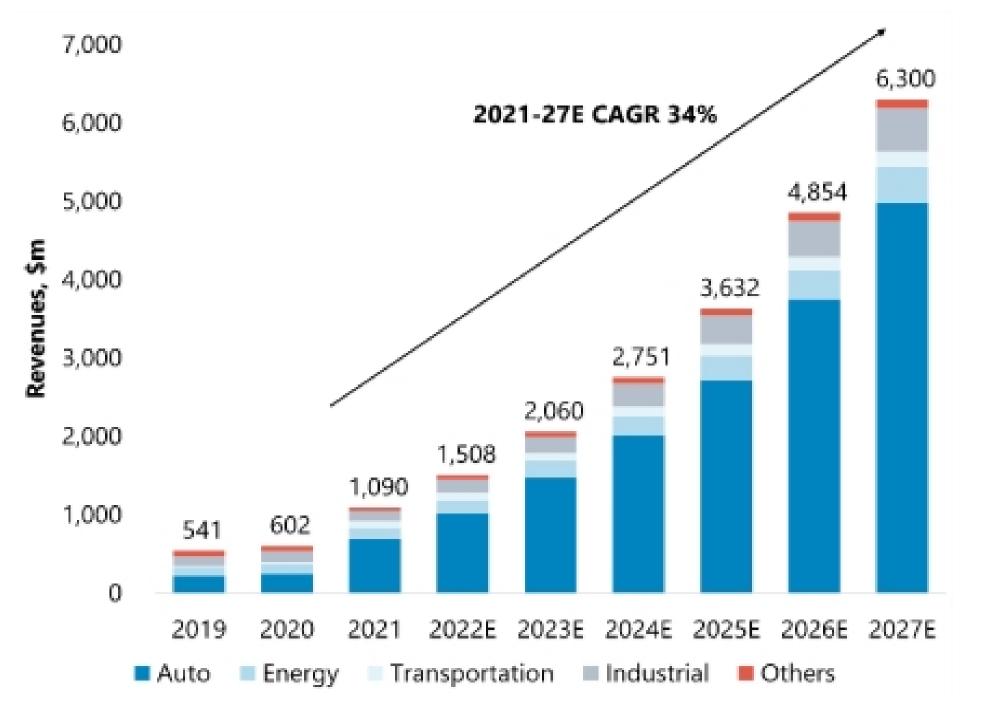






Semiconductors are the New Oil

Silicon Carbide (SiC) Market by Application

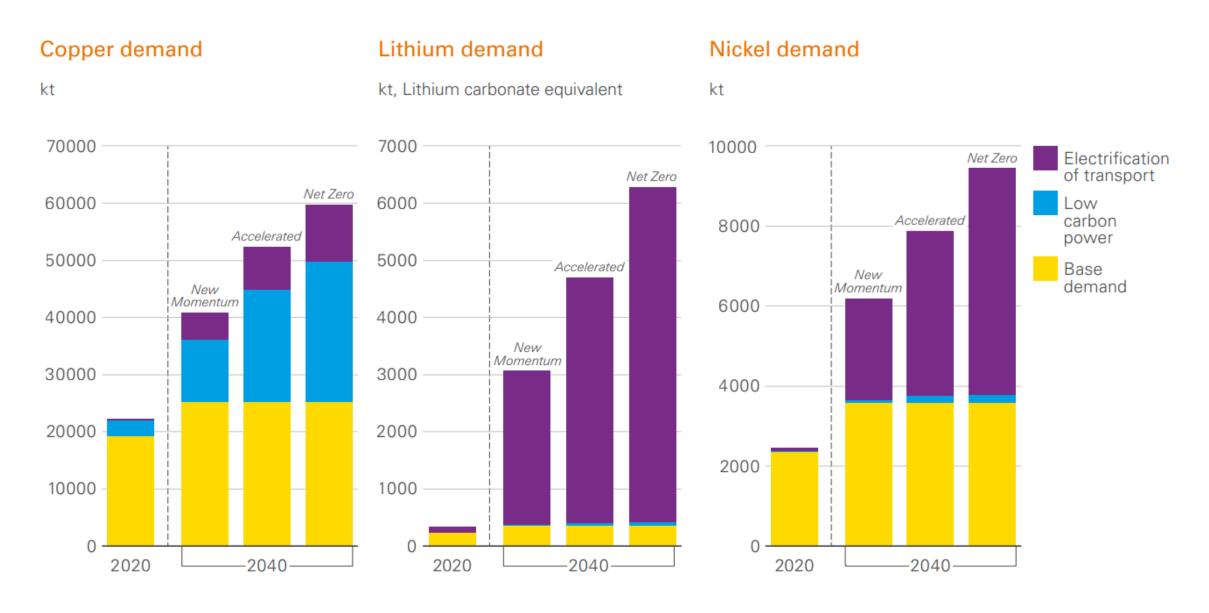






Mineral Demand Inflecting

The energy transition leads to a significant increase in the demand for critical minerals



Exposure Example (+)

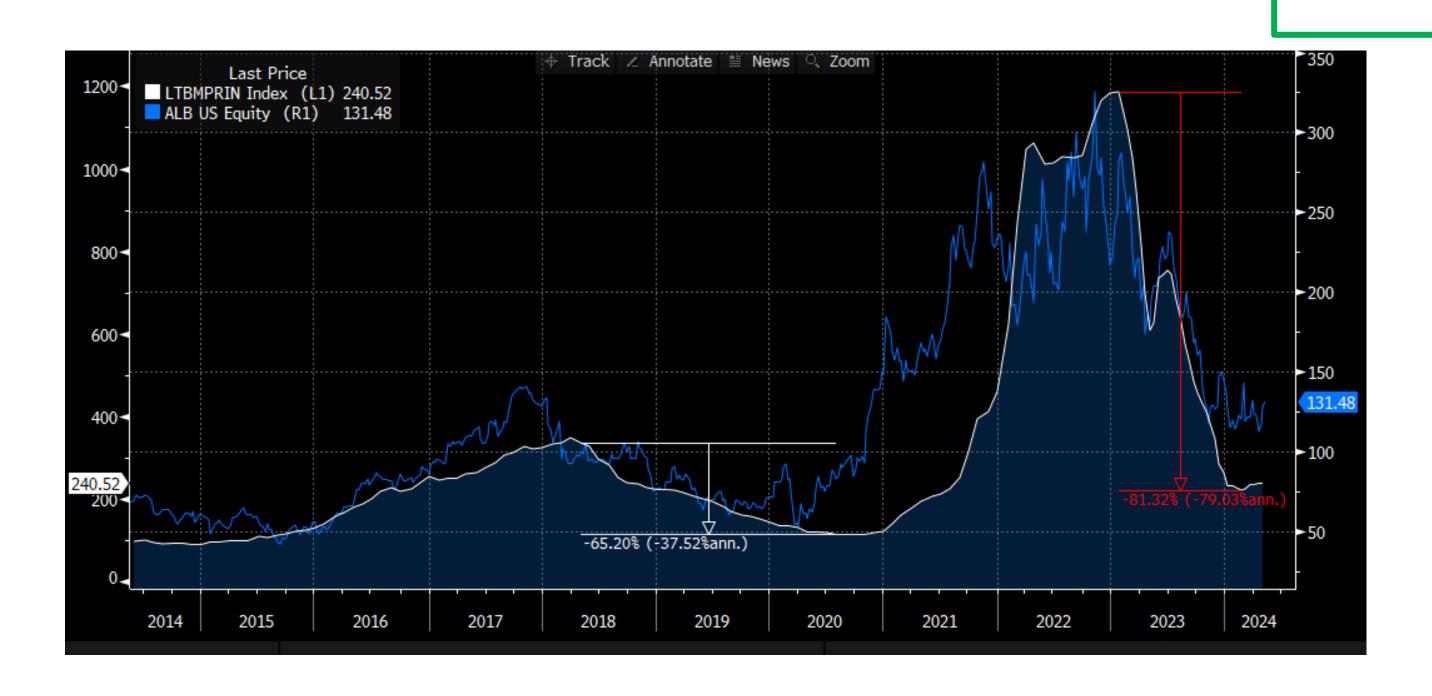




Lithium Pricing ~Bottoming

Exposure Example (+)





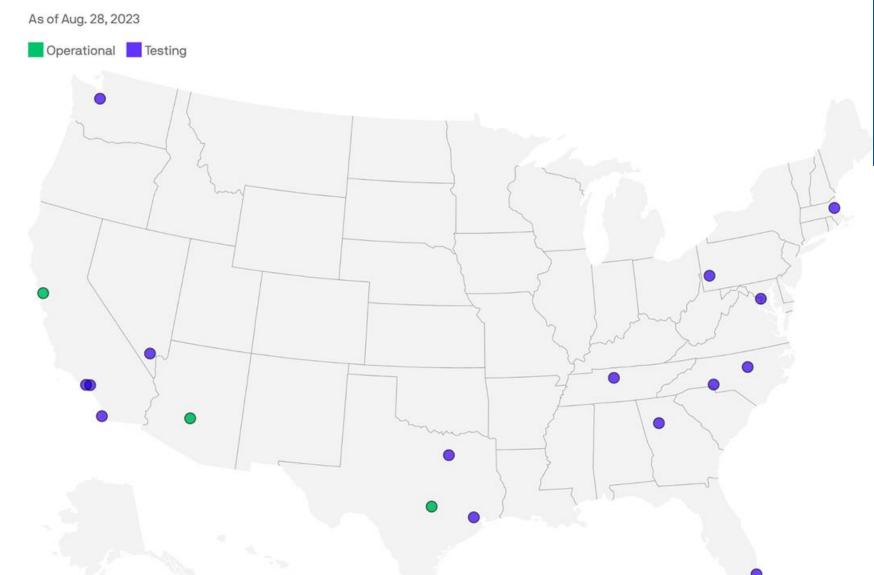


ROBOTAXI MODEL IS SCALING

Autonomous vehicles – via the Robotaxi model – are scaling faster than people appreciate

Waymo & Cruise are leading the way in the US, now scaling to multiple cities

Robotaxi rollout, by city



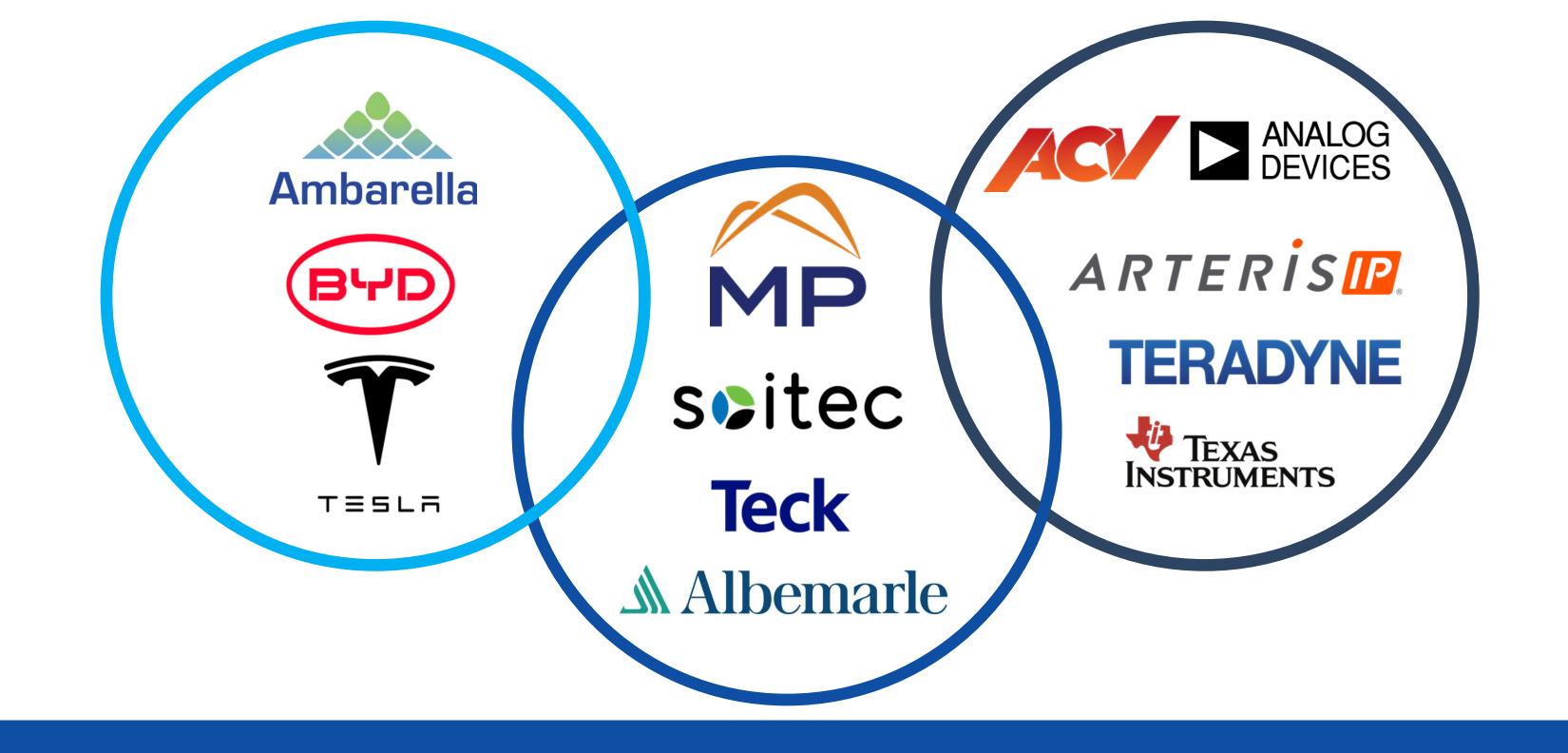
And Waymo is now available via the Uber app in Phoenix

Waymo vehicles have been deemed significantly safer than human drivers by a Swiss Re (reinsurer) study

In the 'background,' Tesla has millions of vehicles collecting data on the roads today, and feeding it through their end-to-end algorithm...



ROBOT + LLM = HUMAN-LIKE



Top Picks For 2024+











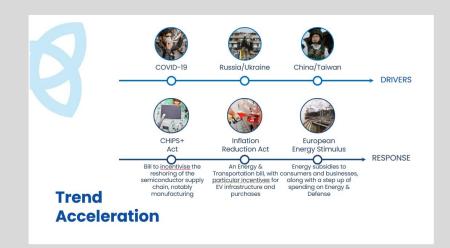
Top Short Ideas For 2024+

Takeaways – We believe:

The Mobility Universe is ~bottoming¹

Why Now?

The trends are accelerating



We've narrowed down the winners



Now is the time...

1. Using HAIL as a proxy for Mobility Universe. Calculation done using data provided by Bloomberg. Data as of June 15, 2024. Data compares the highest price of HAIL over a 4-year span against the price on June 14, 2024. HAIL is an actively managed Exchange Traded Fund (ETF) that invests in domestic and foreign equity securities of companies that are relevant to the investment theme of "mobility innovation – a similar strategy to that of the Fund: investing in next generation technologies, notably mobility, via themes such as automation and electrification. There can be no guarantee that the performance of the Fund will mirror the performance of HAIL for any period.

PORTFOLIO MANAGER

RYAN MAHON



Ryan Mahon is an investor, technologist, and outdoor enthusiast. Ryan recently founded Aquavis Advisors - an investment advisory firm that acts as the sub-manager for the Tamim Global Mobility Strategy. Prior to that, Ryan ran the Mobility Strategy at Ibex Investors, and worked as a Sector Head (Internet) and Associate Portfolio Manager at Millennium Management and as an Investment Analyst (Global Technology) at Folger Hill Asset Management.

He graduated magna cum laude from Georgetown
University, McDonough School of Business, with a BSBA in
Finance, Accounting, and Psychology, and is a CFA
Charterholder. Born in Cleveland and living in Denver, he
loves the outdoors and sports, and is passionate about
investing in and applying technology to improve the world
and drive sustainability.

TAMIM GLOBAL MOBILITY - KEY FACTS

Investment Structure: Unlisted unit trust

Minimum investment: A\$100,000

Applications: Monthly

Redemptions: Monthly, with 30 days notice

Unit pricing frequency: Monthly

Distribution frequency: Semi-annual

Management fee: 1.50% p.a.

Performance fee: 20% of performance in excess of hurdle

Hurdle: Greater of: RBA Cash Rate + 2.5% or 4%

Lock up period: 12 months

Buy/Sell Spread: +0.35%/-0.35%

Exit fee: Nil

Administration & expense recovery fee: Up to 0.35%

APIR code: CTS3757AU





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