



Re-Energising Australia with Critical Battery Metals Production

AGM Presentation
Dr Stephen Grocott | MD & CEO



QUEENSLAND
PACIFIC METALS

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Global Leader in Sustainability

QPM believes that the TECH Project boasts unrivalled ESG credentials amongst developing nickel projects



Negative CO₂ emissions

- Use of waste gas results in TECH Project reducing Australia's GHG emissions by 238,000 t CO₂-eq per annum
- Equivalent of ~52,000 typical passenger vehicles
- ISO-compliant calculation – independent verification



Minimal Waste

- No tailings dam
- No process liquids discharge
- All valuable metals extracted from ore
- Exploring commercial applications for residue to make TECH Project “zero waste”



Positive working environment

- Developed nation labour laws from ore supply through to final product
- Building and fostering a high-performance culture with motivated employees working to a common goal
- Inclusive workforce
- Building diversity



Embracing Townsville & regional communities

- Acknowledgement of Traditional Owners Bindal People – CHMA executed to deliver training opportunities and jobs
- Local community sponsorship
- Establishing a presence in the community – QPM office opened

Corporate Milestones

Offtake

- Binding agreements signed with LG and POSCO
- Baseload customers for 65% of production
- Underpins development
- World class, bankable customers
- Ongoing discussions with other potential customers

Funding

- A\$20m equity raising
- US\$15m investment from LG and POSCO
- Institutional investors joining the share register
- Progressing on NAIF loan – SAP completed
- KPMG appointed
- Debt process commenced – strong interest to date

Value Delivered

- Market capitalisation of A\$291 m
- ~14x increase in share price since 1 July 2020
- One of the top performing nickel stocks on the ASX

Board & Mgt

- Key management appointments
- Strong owner's team assembled
- Right mix of skills and experience to deliver TECH Project
- Key Board appointments
- Calibre of appointments reflects the progress and potential of QPM

Project Milestones

DFS

- Successful pilot plant operation
- Engagement of Tier 1 Lead Engineer – Hatch
- Good progress made on DFS
- Confirmed no fatal flaws in flowsheet
- Key equipment and vendors identified
- Relationships being built with key vendors

Approvals

- 'Prescribed Project' status awarded in Queensland
- State approvals advancing well
- Strong relationship being built with TCC
- Federal approvals progressing well
- Strong political support from key ministers

Ore Supply

- Ore supply identified to underpin ~1.5M tpa operation
- Finalising ore supply contracts with key suppliers
- New Caledonia is awash with limonite resources that have no real home
- QPM offers a solution that is a “win-win”

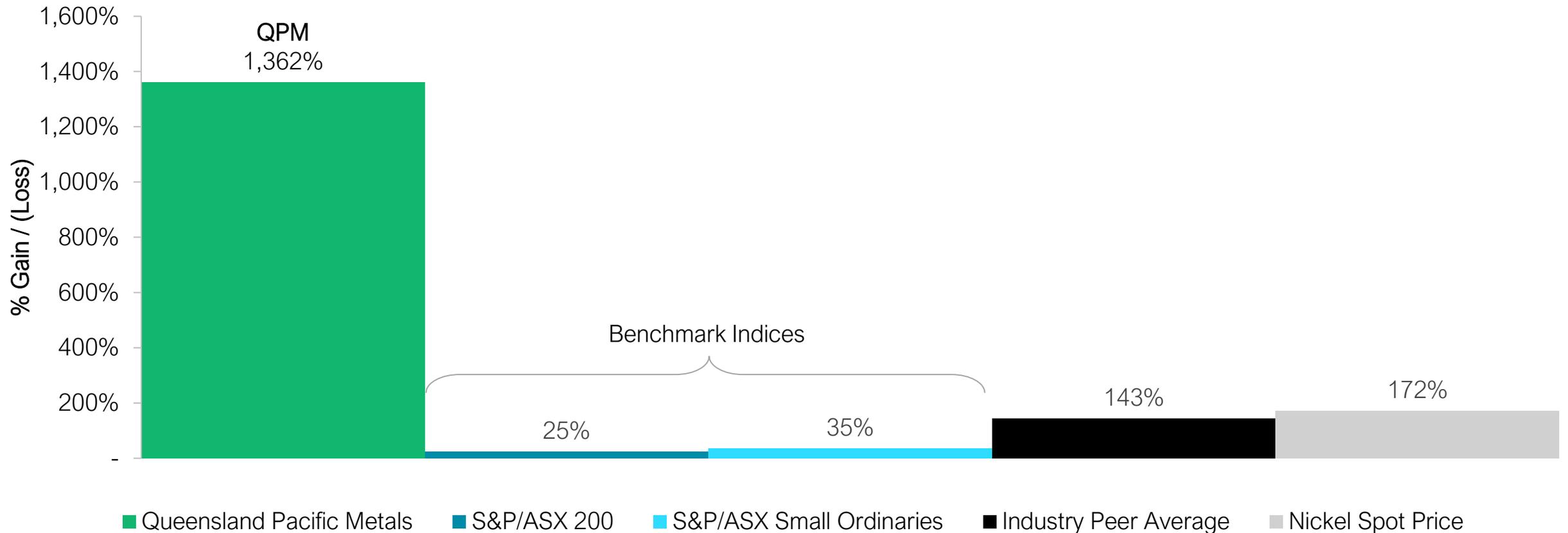
Gas Supply

- Tripartite MOU executed with TEC and NQGP
- Utilisation of waste gas – reinforces ESG credentials
- Extensive known gas resources that underpin life of TECH Project
- Potential for monetisation of carbon credits
- Reducing methane emissions

Delivering Value to Shareholders

QPM share price growth over the last twelve months outperformed benchmark indices and industry peers

Price growth for the period 1 July 2020 to 19 November 2021

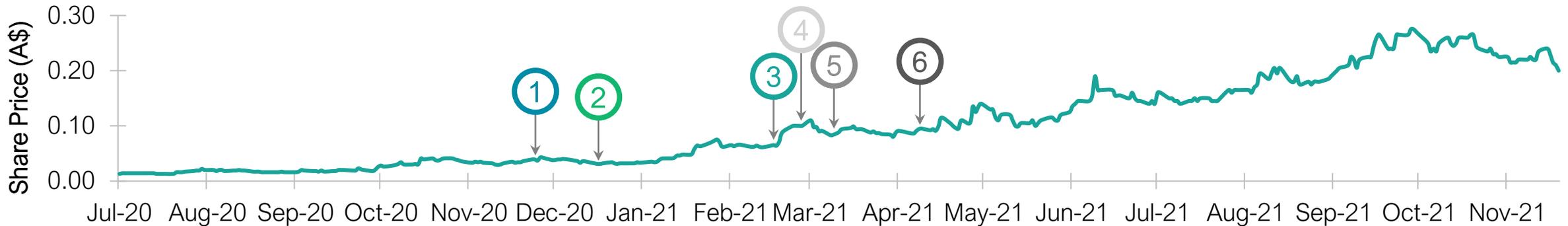


The industry peer group is the average of Sunrise Energy Metals Limited (ASX:SRL), Ardea Resources Limited (ASX:ARL), Poseidon Nickel Limited (ASX:POS), Blackstone Minerals Limited (ASX:BSX) and Australian Mines Limited (ASX:AUZ).

Delivering Value to Shareholders

Technical success with piloting and scale up of TECH Project to 1.5Mtpa

QPM share price over the period 1 July 2020 to 19 November 2021



1

26 November 2020 – MOU for offtake signed with Samsung SDI
QPM gained significant traction with large battery manufacturers interested in adding our products to their future supply chains.

2

18 December 2020 – First MHP produced at TECH Pilot Plant
The production of MHP was an important milestone, demonstrating the DNi Process™ flowsheet on New Caledonian ore.

3

15 February 2021 – Successful completion of piloting
Successful pilot plant campaign confirmed flowsheet, providing QPM with the confidence to proceed towards DFS for the TECH Project.

4

22 February 2021 – Project expansion to 1.5Mtpa
The increased scale of the TECH project will have lower capital intensity and deliver higher margins to investors.

5

8 March 2021 – GHG report confirms low CO₂ emissions
A report prepared by Miniviro estimated that the TECH project would have CO₂ emissions 36% lower than the industry average.

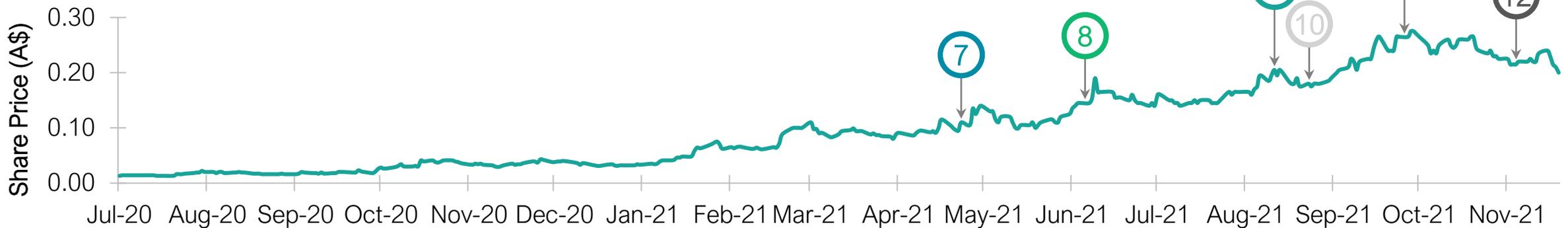
6

1 April 2021 – MOU for additional ore supply
QPM and SLN agreed to negotiate an ore supply agreement delivering around 800,000wmt per annum commencing 2023.

Delivering Value to Shareholders

Investment and offtake secured with LG and POSCO and TECH Project confirmed as net carbon negative

QPM share price over the period 1 July 2020 to 19 November 2021



7

23 April 2021 – Raised \$20m and commenced DFS
The capital raise bookbuild bids significantly exceeded the \$20m raised. QPM appointed Hatch as Lead Engineer for the DFS.

8

8 June 2021 – Investment and offtake with LG & POSCO
LG and POSCO invested a combined \$15m and signed binding offtake agreements providing significant third party validation.

9

11 August 2021 – GAS supply MOU
QPM signed a MOU to develop and deliver a gas field supply chain from the Northern Bowen Basin.

10

23 August 2021 – NAIF approved QPM to proceed to DD
NAIF progressing the TECH Project to the DD stage is a crucial funding milestone and vindication of the project's potential.

11

27 September 2021 – QLD project of state significance
The Queensland Government granting TECH Prescribed Project status will assist QPM in navigating the approvals process.

12

5 November 2021 – TECH Project confirmed carbon negative
The TECH project reduces greenhouse gas emissions by 14.9kg CO₂ for every tonne of nickel produced, exceeding global alternatives.

Nickel Outlook

Key themes make the outlook for nickel very positive...

Supply concerns

- Significant new supply is largely Chinese-backed and located in Indonesia – political risk and ESG negative
- Displacement of nickel matte from NPI will only reduce nickel available for stainless steel – “Robbing Peter to pay Paul”
- Limited sulfide discoveries – long time from exploration to production
- High capex for laterite projects – barrier to entry
- 2.2X forecast for nickel demand and 10X forecast for 2030 battery nickel demand (40 - 50 kg/EV)
- Where will the clean and green nickel come from???

Following lithium's footsteps

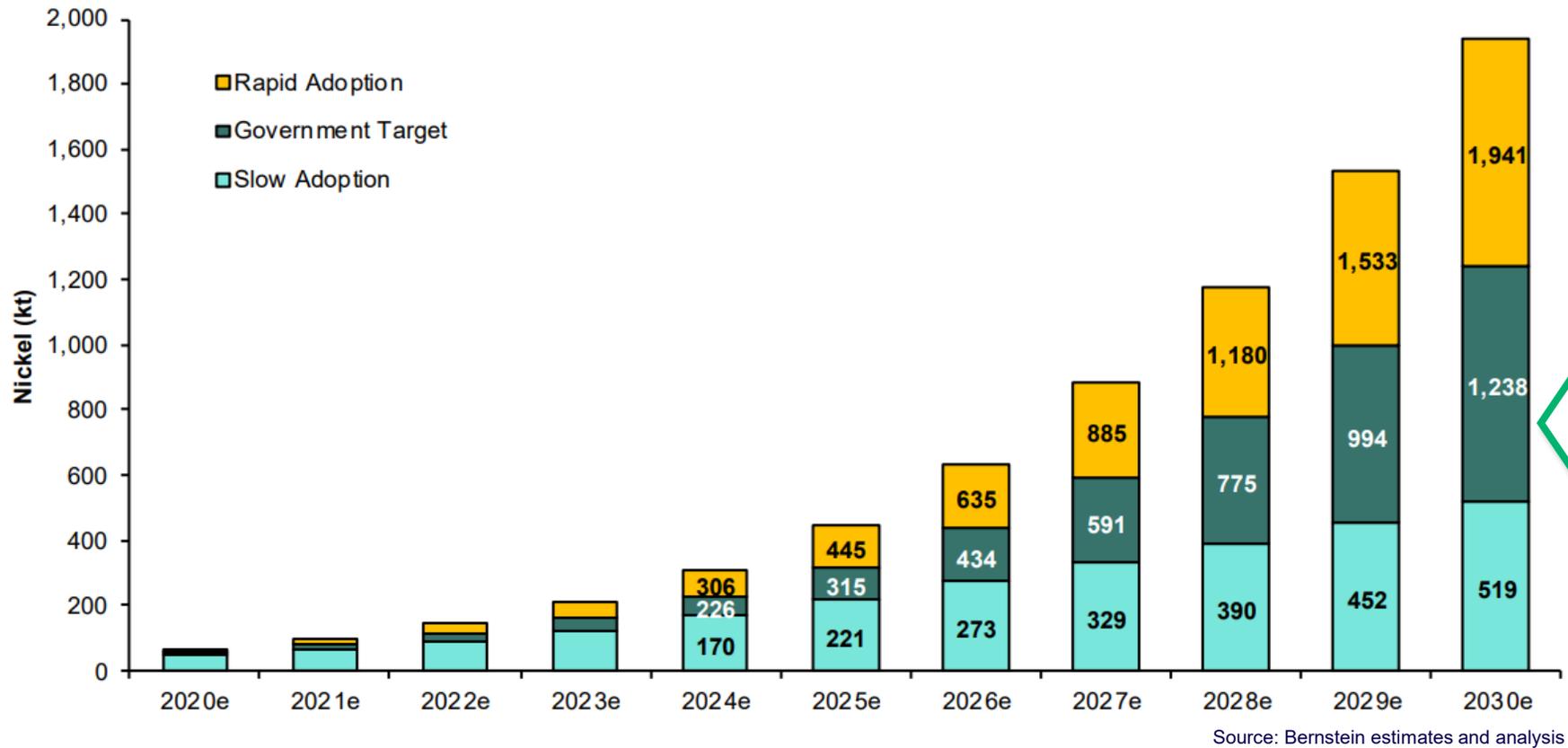
- Lithium sector performance has been remarkable and the profile of lithium in the investor community is more significant than nickel – more lithium companies, “lithium”-ion battery name
- Raw material supply concerns for nickel is arguably greater than lithium amongst battery manufacturers and OEMs
- QPM believes the equity market is yet to fully understand and value the “supply chain train smash” that could eventuate in nickel
- Nickel's time is coming...

Battery chemistry

- Nickel is what delivers energy density in LIBs
- Typical passenger EV will require 40-50 kg of nickel per vehicle
- New battery technologies are a long way from commercialisation – OEMs have committed to nickel chemistry and forward orders have been placed

Forecast Nickel Demand

... in addition to current 2.5 Mtpa Ni for stainless steel, alloys, etc!

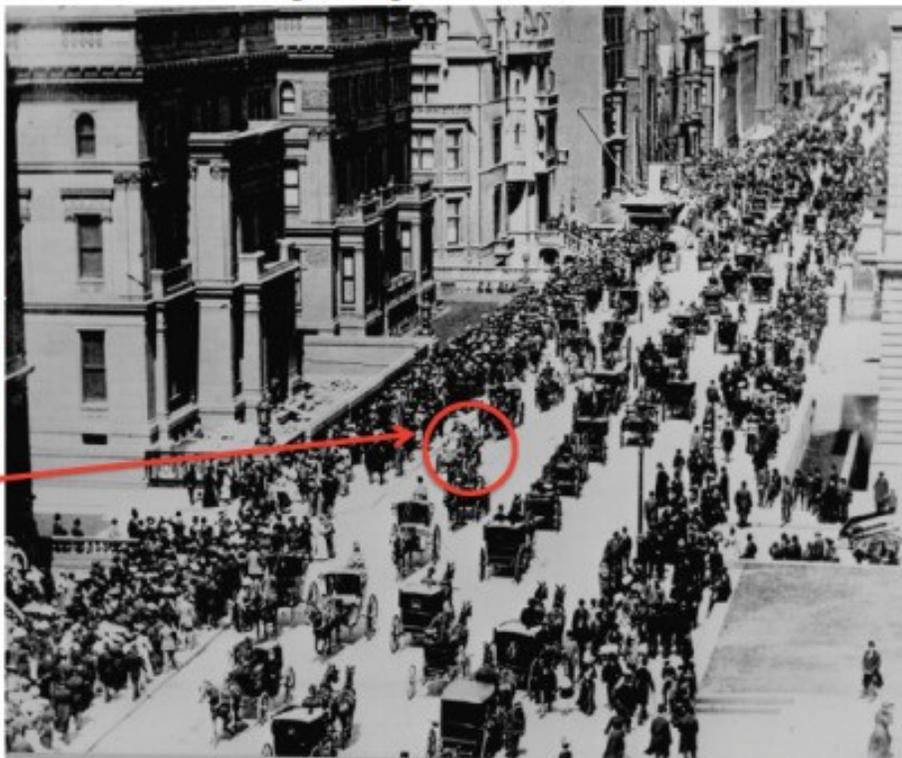


...but where will this extra 0.5 – 2M tpa nickel come from?

Tesla's estimate (although ambitious) for their own nickel demand alone was 1.15Mt!

History repeating itself

5th Ave New York City, April 15, 1900



1900:
Where
is THE
CAR?

Photo: Fifth Ave NYC on Easter Morning 1900

Source: US National Archives from (Wikipedia)

Leading Market Disruption- Copyright © 2001-2014 by Tony Seba

5th Ave New York City, March 23, 1913



1913:
Where is
THE
HORSE?

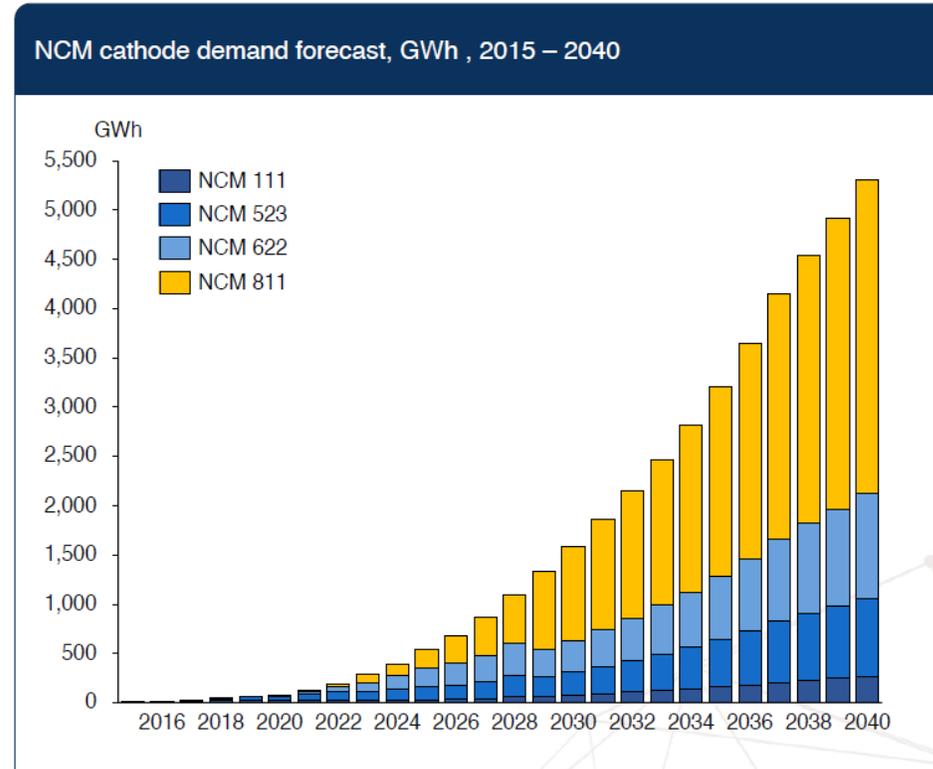
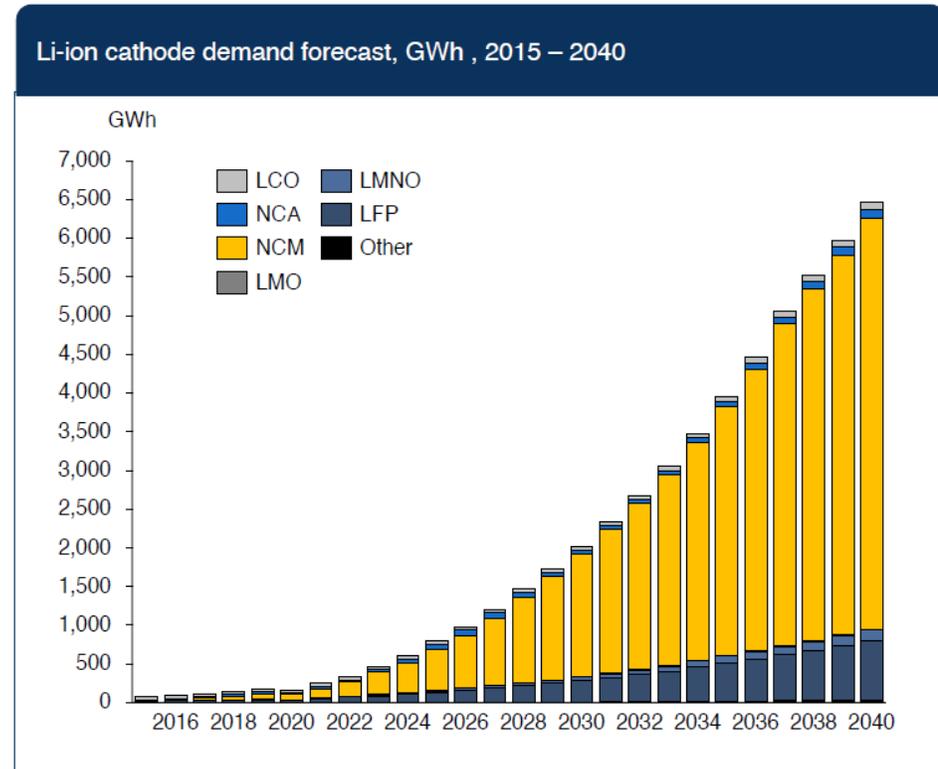
Photo: Easter 1913, New York. Fifth Avenue looking north. George Grantham Bain Collection

Source: shorpy.com

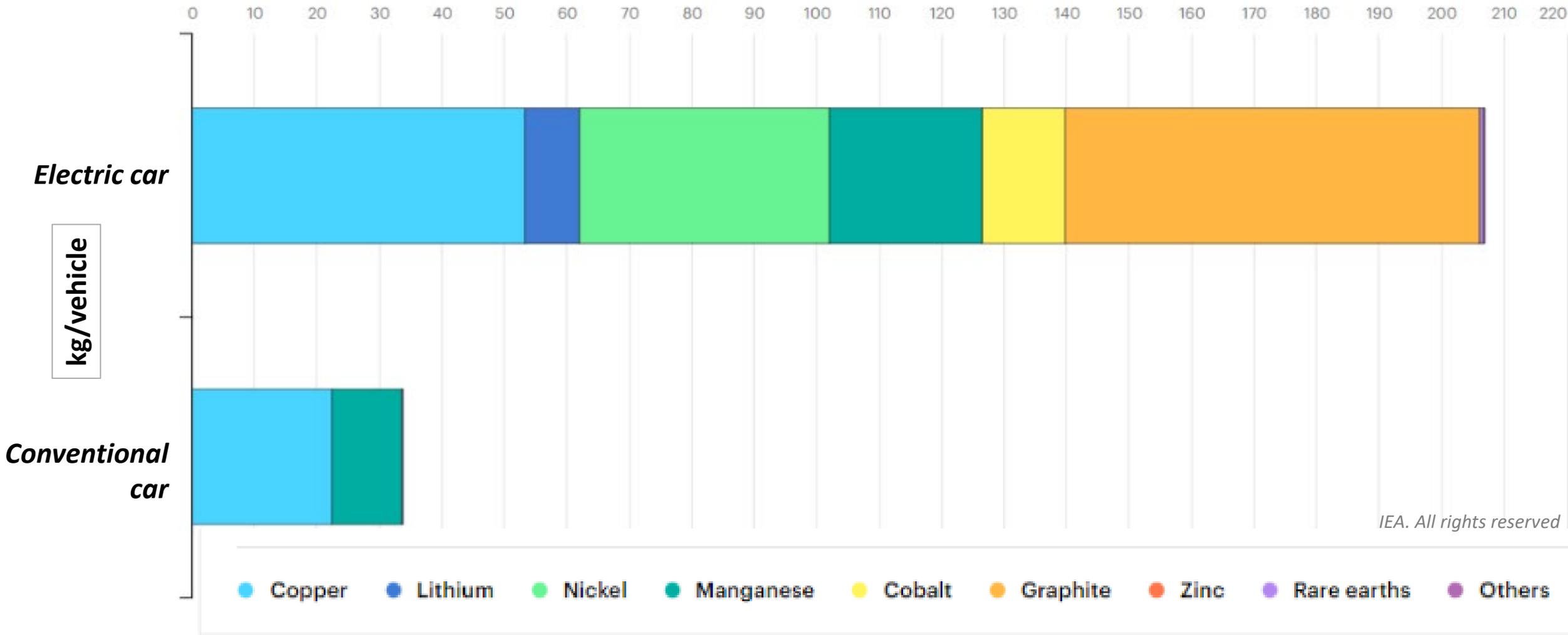
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Nickel-rich batteries dominate the future

Scale of LiB production increase is forecast to be huge—and nickel-intensive cells will be at the centre of that transition



Who makes the money in the EV future?



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Project of State Significance

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State Development and Public Works Organisation Act 1971

DECLARATION OF A PRESCRIBED PROJECT

I, Steven Miles, appointed as the Deputy Premier, Minister for State Development, Infrastructure, Local Government and Planning, do hereby declare the Townsville Energy Chemicals Hub Project to be a prescribed project pursuant to section 76E of the *State Development and Public Works Organisation Act 1971*.

This declaration takes effect from the date of its publication in the gazette, pursuant to section 76E(3) of the *State Development and Public Works Organisation Act 1971*.

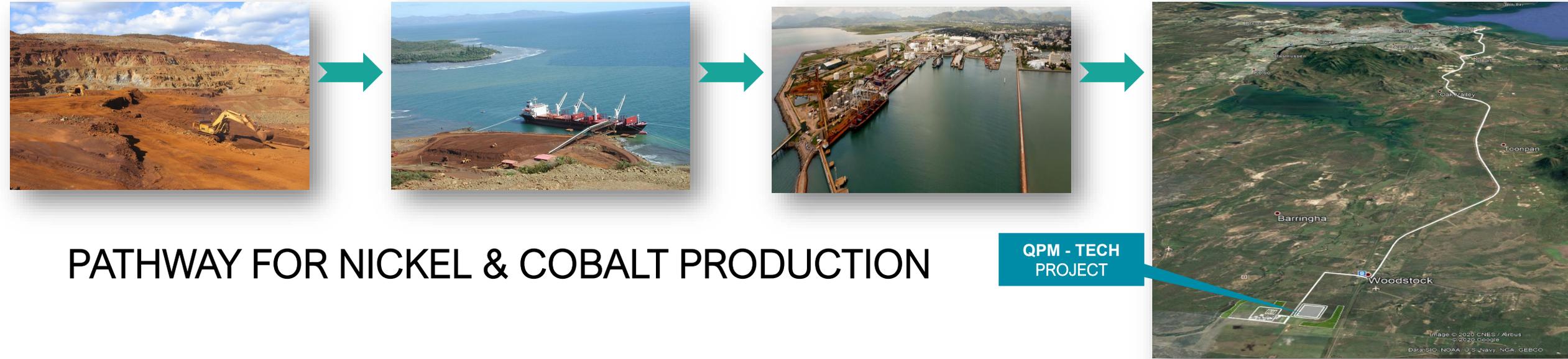
- ✓ TECH Project awarded Prescribed Project status by Queensland Government
- ✓ A Prescribed Project is one which is of significance, particularly economically or socially, to Queensland or a region
- ✓ Prescribed Project status enlivens the Coordinator-General's powers under the State Development and Public Works Act to ensure timely decision making with respect to approvals for the Project
- ✓ Project approvals continue to advance

Looking forward...

Key goals for the next 6-12 months – success will deliver value for shareholders

- Delivery of a high quality DFS which will provide technical confidence to financiers
- Advancing technical work and commercial opportunities on HPA
- Finalising project approvals
- Finalising key commercial arrangements to support TECH Project
- Delivery of a funding plan to allow construction of the TECH Project
- Securing long-lead time equipment by early detailed engineering

QPM TECH Project



PATHWAY FOR NICKEL & COBALT PRODUCTION

QPM - TECH PROJECT