



SCANDIUM INTERNATIONAL

MINING CORP.

TSX: SCY

www.scandiummining.com

CORPORATE PRESENTATION

JULY 2019

CAUTIONARY NOTES

Forward-looking Statements

This presentation contains certain statements that may be deemed "forward-looking statements". All statements in this release, other than statements of historical fact, that address future production, reserve potential, exploration drilling, exploitation activities and events or developments that the Company expects to occur, are forward-looking statements. Forward-looking statements are statements that are not historical facts and are generally, but not always, identified by the words "objective", "targeting", "targeted", "to follow", "intends", "anticipation", "potential", "plan", "expect" and similar expressions, or that events or conditions "will", "would", "may", "could" or "should" occur. Information inferred from the interpretation of drilling results and information concerning mineral resource estimates may also be deemed to be forward-looking statements, as it constitutes a prediction of what might be found to be present when and if a project is actually developed. Although the Company believes the expectations expressed in such forward-looking statements are based on reasonable assumptions, such statements are not guarantees of future performance and actual results may differ materially from those in the forward-looking statements. Forward-looking statements are based on the beliefs, estimates and opinions of the Company's management on the date the statements are made. The Company undertakes no obligation to update these forward-looking statements in the event that management's beliefs, estimates or opinions, or other factors, should change.

Resource Estimates

This document uses the term "resources", "measured resources" and "indicated resources". United States investors are advised that, while such terms are recognized and required by Canadian securities laws, the United States Securities and Exchange Commission (the "SEC") does not recognize them. United States investors are cautioned not to assume that all or any part of measured or indicated resources will ever be converted into reserves. National Instrument 43-101 Standards of Disclosure for Mineral Projects ("NI 43-101") is a rule developed by the Canadian Securities Administrators, which established standards for all public disclosure an issuer makes of scientific and technical information concerning mineral projects. All resource estimates contained in this circular have been prepared in accordance with NI 43-101 and the Canadian Institute of Mining, Metallurgy and Petroleum Classification System.



Qualified Person

Mr. Willem Duyvesteyn, MSc, AIME, CIM, a Director of Scandium International and a "qualified person" within the definition of that term in NI 43-101, has approved the technical information contained in this news release.

CORPORATE OVERVIEW

TICKER (TSX) – SCY.To

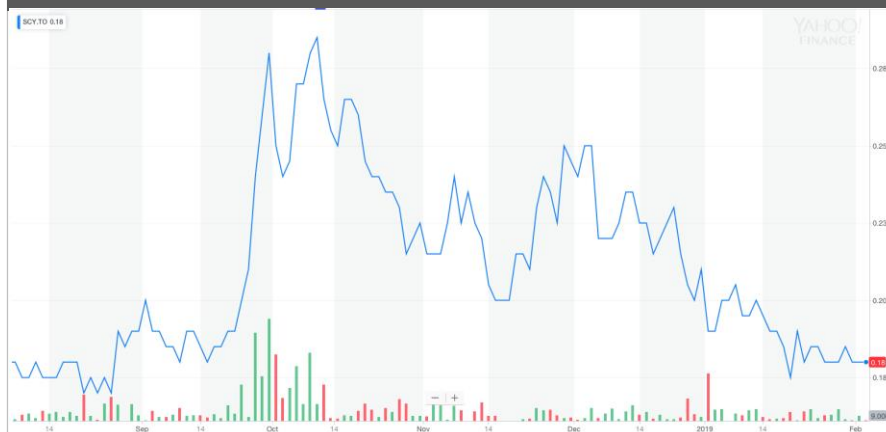
CAPITALIZATION

OUTSTANDING SHARES	312M
MANAGEMENT OPTIONS	28M
OUTSTANDING WARRANTS	NONE
INSIDER/MGMT OWNERSHIP	46%
CASH (Q1 2019 FINANCIALS)	US\$0.8M
DEBT	NONE

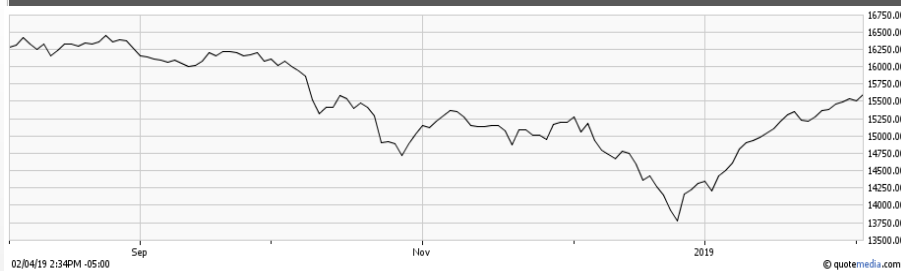
STOCK INFORMATION

CURRENT SHARE PRICE	C\$0.13
CURRENT MARKET CAP. (I/O)	C\$40M
52 WEEK STOCK PRICE (hi/lo)	C\$0.35/0.12
AVERAGE 90 DAY TRADE VOLUME	75K s/d

SCY SHARE PRICE PERFORMANCE (6 months)



TSX OVERALL PERFORMANCE (6 months)



INVESTOR SUMMARY — SCY.To

SCY starts up the scandium market. The company is on course to build the world's first primary scandium mine, in 2020.

This is a growth story. We know Al-Sc alloys will be sought-after solutions in multiple aluminum market segments, and our project can grow along with expanding markets.

The location/deposit style is a game-changer. NSW laterites promise to address historic issues - no supply/high price/poor source locations—all key positives to product uptake.

This remains a value moment. SCY's market cap/stock price does not reflect project stage, relative to competitors. Advanced marketing work and scandium-only focus are key.

Marketing momentum building. SCY is delivering a growing list of LOI's, with good value propositions in varied applications.

Robust project returns. IRR (33%) and NPV (US\$225M@8%i), from an expandable platform, demonstrate solid phase I project for investors, with upside.



SCANDIUM INTERNATIONAL MINING CORP.

WHO WE ARE

TSX MAIN BOARD
LISTED MINING JUNIOR



INTEND TO BUILD & RUN THE WORLD'S
FIRST PRIMARY SCANDIUM MINE

CURRENT OBJECTIVE



MARKET DEVELOPMENT ON A +\$1Bn
MARKET FOR SCANDIUM IN AI ALLOYS

PROJECT DEVELOPMENT
STATUS



FEASIBILITY STUDY COMPLETED, KEY
PERMITS IN PLACE, SEEKING OFFTAKES

EXPERIENCED
TEAM IN PLACE



MGM'T HAS RUN MINES, IN SPECIALTY
METALS, AND PREVIOUSLY CREATED
WEALTH FOR SHAREHOLDERS



NYNGAN SCANDIUM PROJECT

LOW COST, SINGLE PRODUCT FOCUS, RIGHT-SIZED

SCY HAS CLEAR FIRST-MOVER ADVANTAGE



NYNGAN IS SHOVEL-READY, WITH AN EXPERIENCED MGM'T TEAM

BIG GROWTH POTENTIAL-BOTH MARKET & PROJECT



MULTIPLE ALUMINUM SECTORS SEEKING A BETTER ALLOY CHOICE

MINE-FRIENDLY AUSTRALIA LOCATION A BIG PLUS

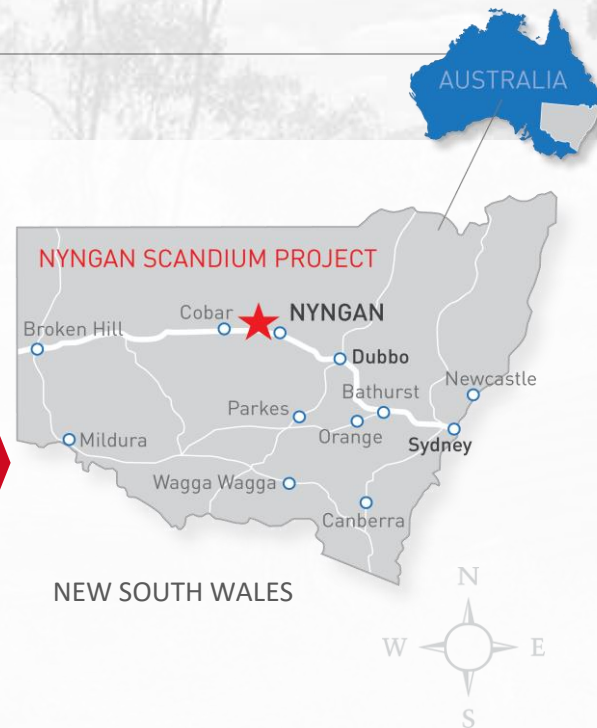


HISTORIC CHINA/RUSSIA SOURCING HAS DISCOURAGED SCANDIUM USE

ROBUST PROJECT RETURNS (DFS)



US\$87M CAPEX, US\$220M NPV_{8%} +3X EXPANSION POTENTIAL



SCANDIUM

DEVELOPING A NEW ALUMINUM ALLOY MARKET — NOW

SUPPLY
CONSTRAINED?



A HISTORICAL PROBLEM WITH
A SOLUTION ON THE HORIZON

COST
CONSTRAINED?



NEW DIRECT-MINED
RESOURCES ARE LOWER COST

VALUE
UNDERSTOOD



KNOWN STRENGTH AND ALLOY
PROPERTY IMPROVEMENTS

LARGE WAITING
MARKETS



A BETTER ALUMINUM FEEDING
THE LIGHTWEIGHTING TREND

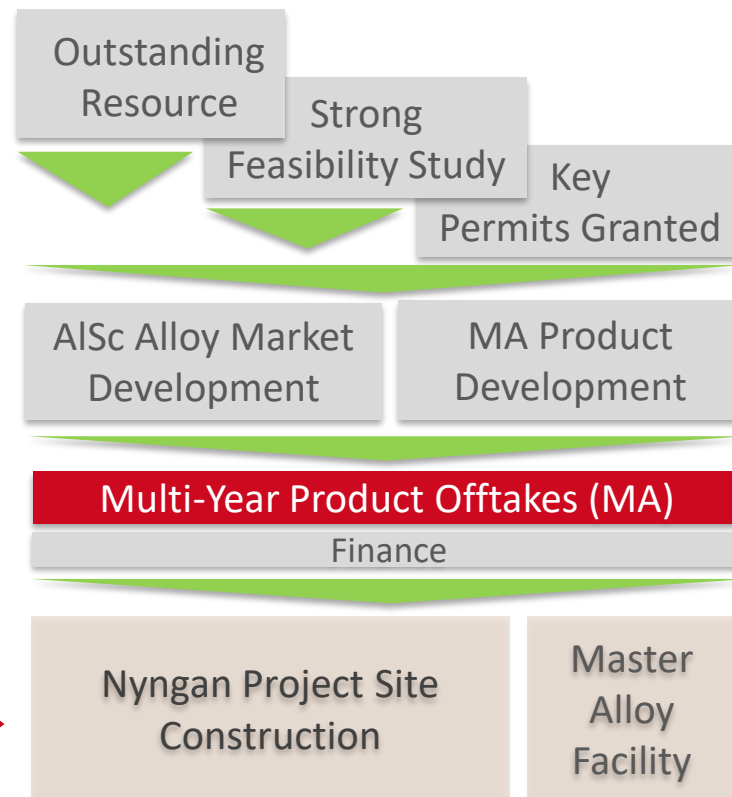


PROJECT STATUS – KEY MILESTONES

NYNGAN SCANDIUM PROJECT IS SHOVEL-READY

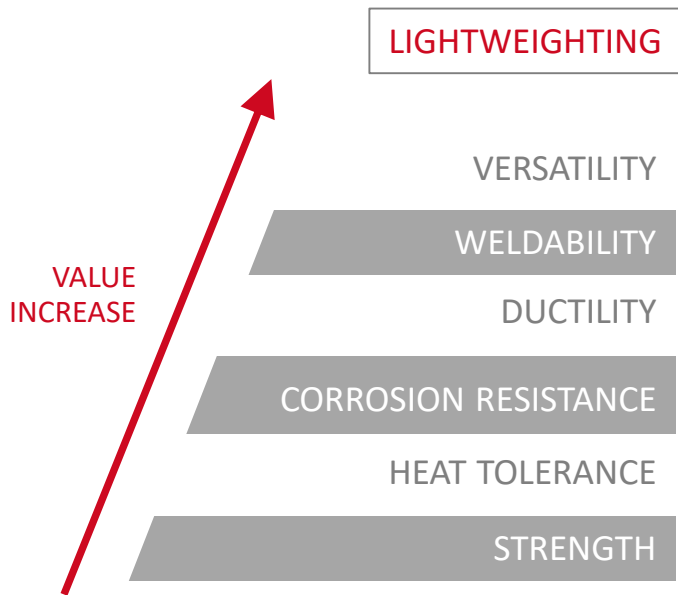
- **Project team delivered** PEA, DFS, permitting and new-market development....in 5 years.
 - Low cost production/conventional process,
 - CapEx <US\$100M, IRR 33.1%.
- This business is a **significant growth play**. Nyngan is expandable, on existing resource.
- Customer **offtake agreements are final step** to FID and financing, prior to construction.
- SCY can deliver **product as Al-Sc 2% master alloy** (MA), the form desired by customers.

Nyngan is poised to be the world's first primary scandium mine.

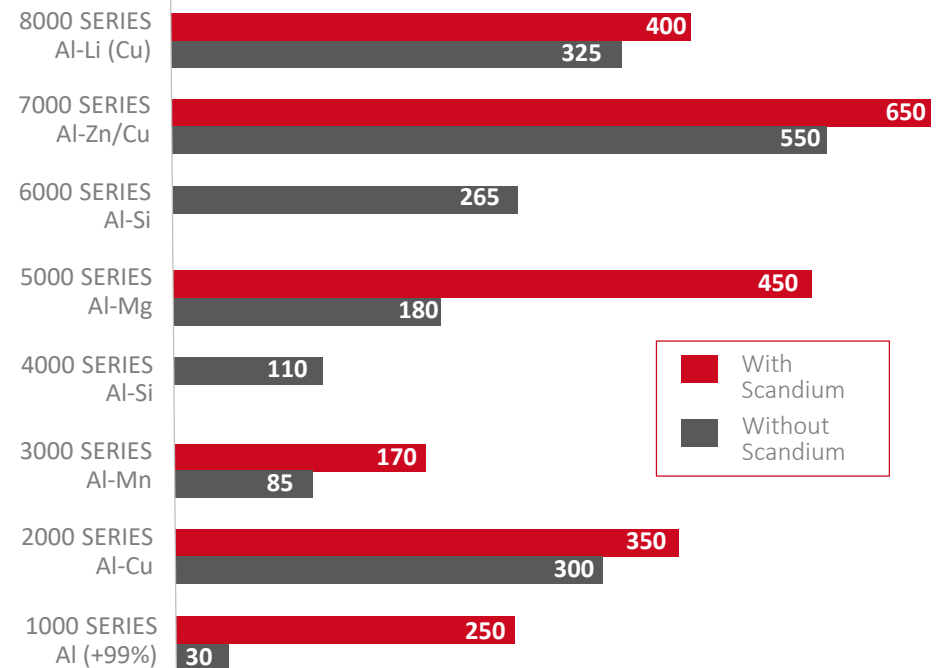


SCANDIUM PROMOTES SUPERIOR PERFORMANCE

WIDENS THE ALUMINUM ALLOY CHOICE



SCANDIUM'S EFFECT ON YIELD STRENGTH (MPa)

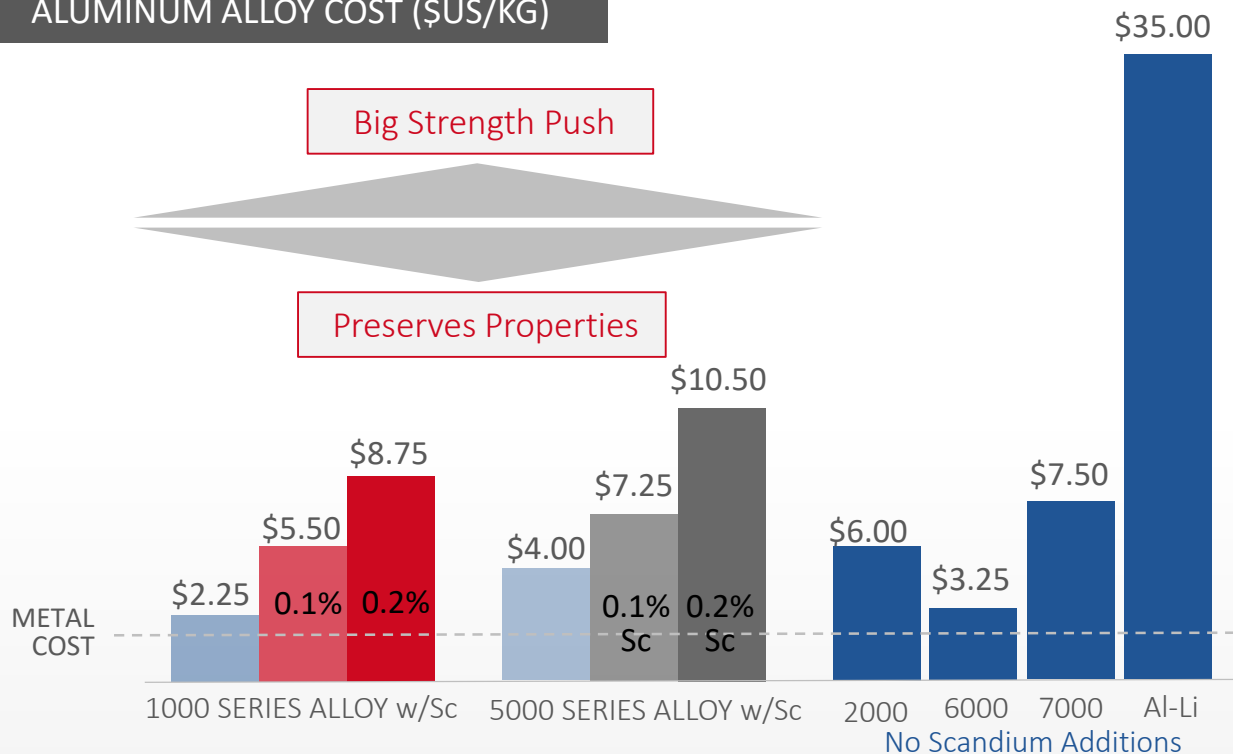


SCANDIUM'S COST EFFECT ON ALUMINUM

WILL NOT STOP INNOVATION WITH IMPROVED ALLOYS



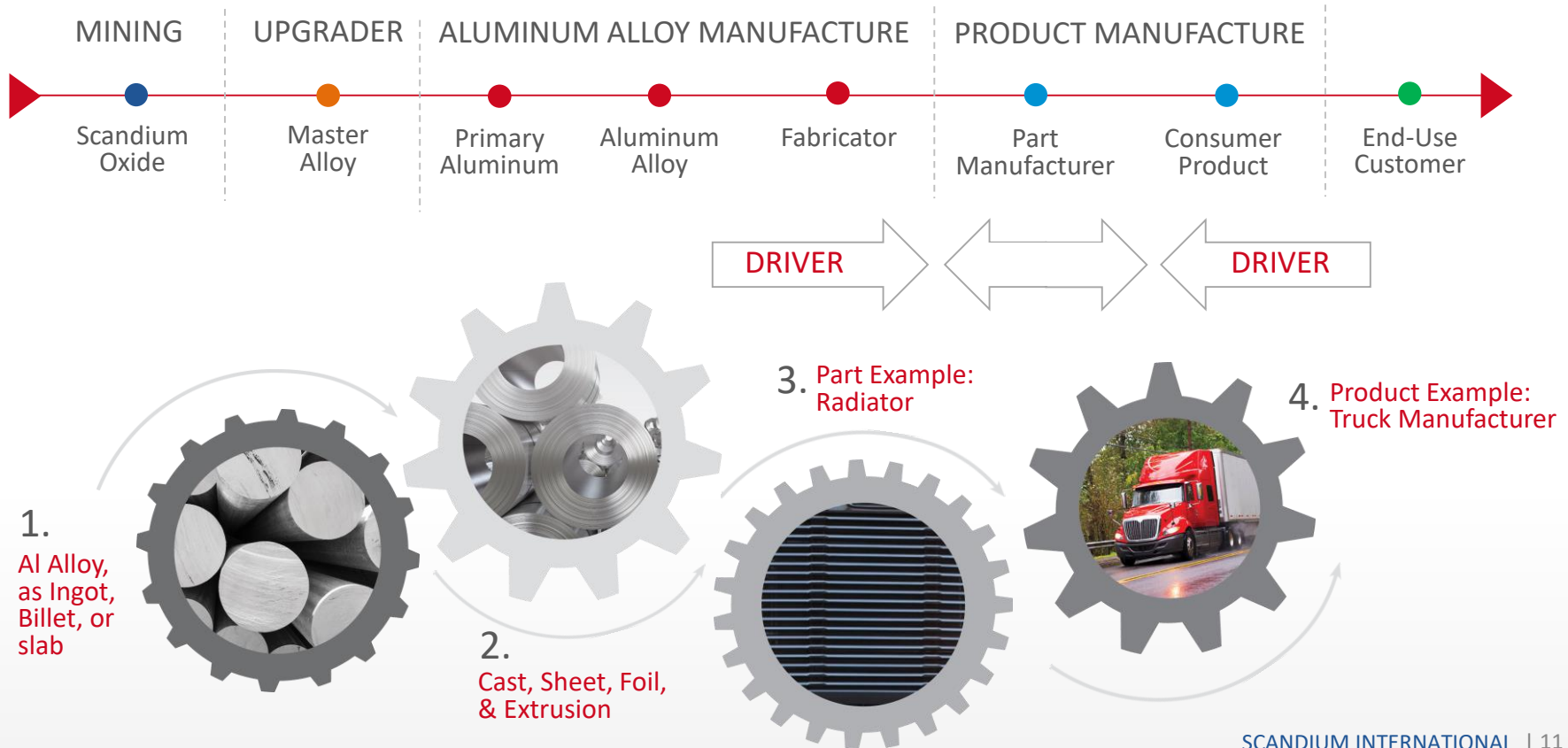
ALUMINUM ALLOY COST (\$US/KG)



NOTE: Price estimates for Sc additions reflect Sc cost + small manufacturing cost additions, 6/11/19 (6 month Fwd) LME price @ US\$2,000/tonne

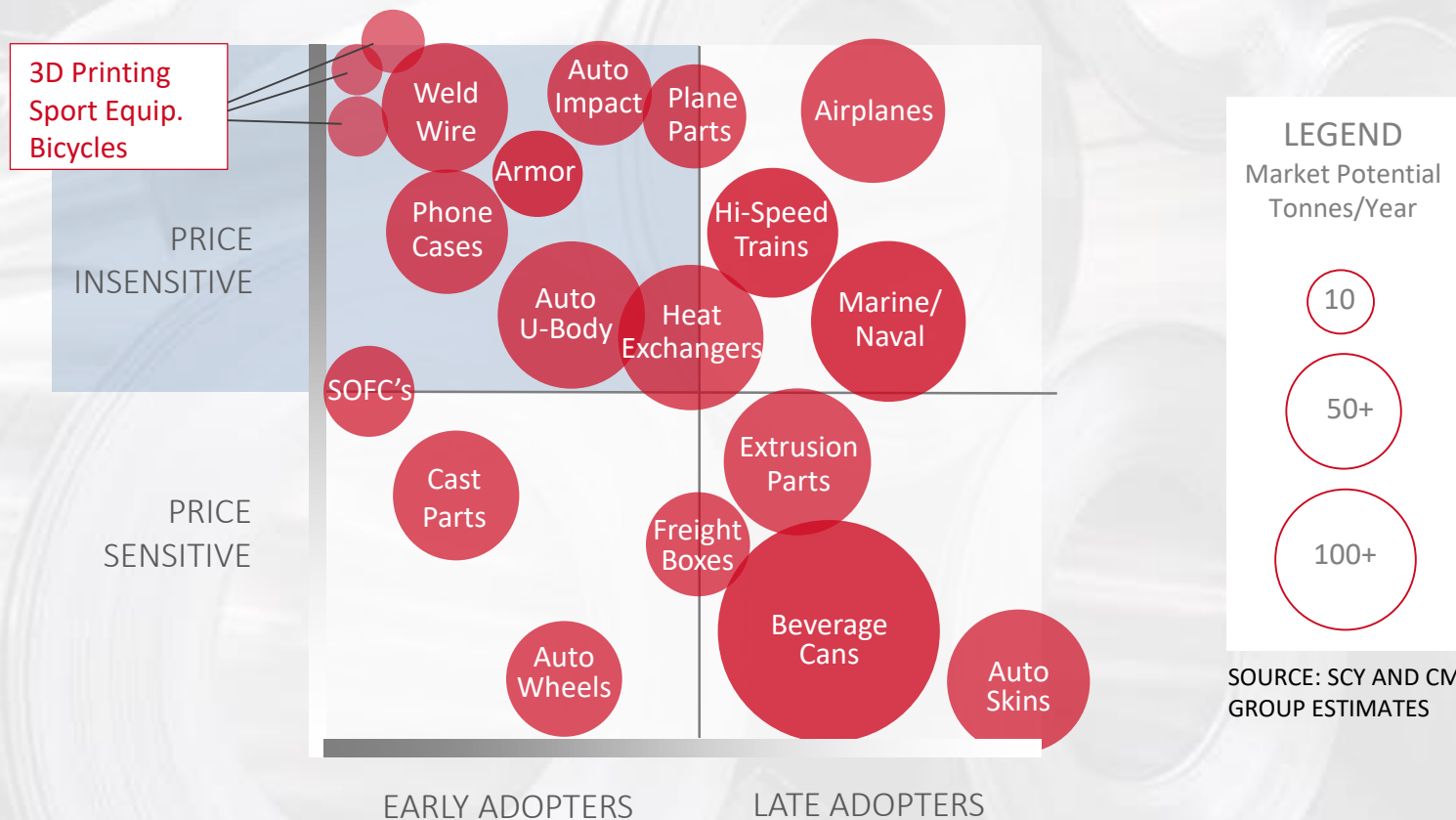
ALUMINUM ALLOY SUPPLY CHAIN

MINE TO END-USE CUSTOMER



SCANDIUM

THE MARKET FOR Al-Sc ALLOYS IS LARGE AND DIVERSE

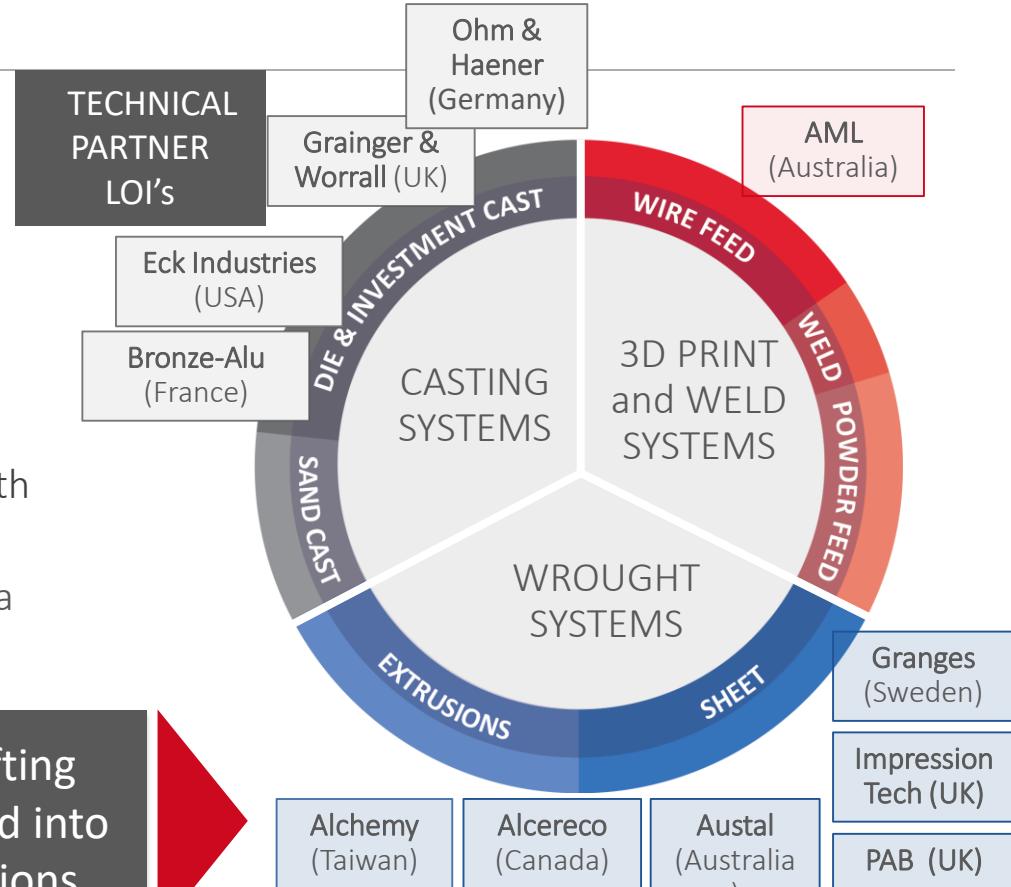


MARKETING HIGHLIGHTS

2019 – SCANDIUM FINDS ITS SPECIFIC APPLICATIONS

- **9 public LOI's** with technical partners, now testing scandium additions, more silent partners also.
- Samples **testing confirms value** of scandium across all major Al segments.
- **Important for potential customers to confirm** strength and property gains, with their testing, for their products.
- This discovery process is key to proving a **value proposition in product use.**

Now at the stage where we are shifting LOI/Partner work past metallurgy, and into specific parts and customer applications.



CUSTOMER OFFTAKE STRATEGY

NEXT STEPS TO FINAL INVESTMENT DECISION

First offtake in place (225t Al-Sc master alloy), with group capable of in-house conversion to aluminum alloy.

On course to **complete numerous additional LOI's**, as a vehicle to **supply scandium samples** for evaluation, and report results.

LOI group already represents a substantial portfolio of **potential end-use customers** - prime candidates for offtakes.

Will build the LOI group portfolio to support both a varied customer base and longer term expansion for the project.

Intend to **offer master alloy product**, as preferred form of scandium product.

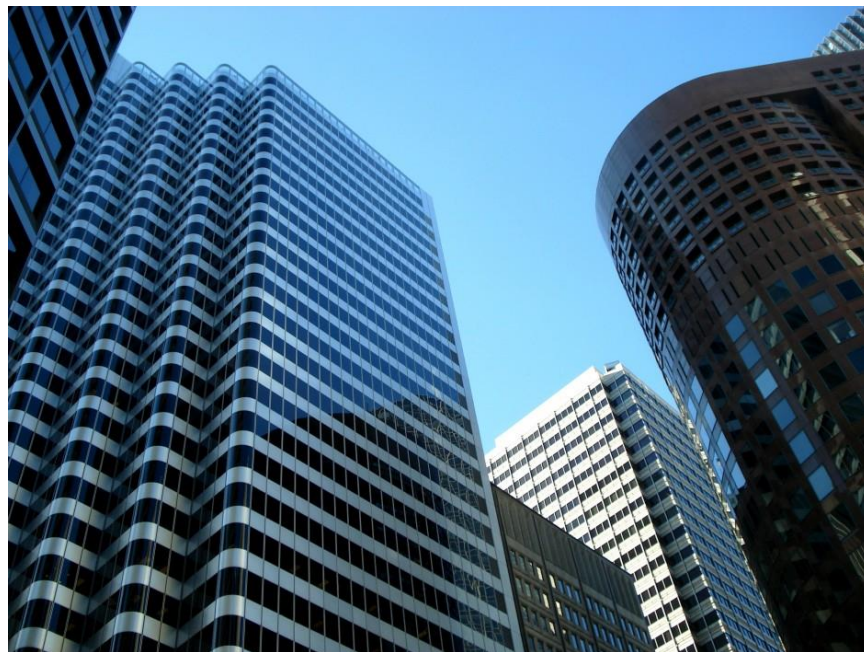
Goal is **to secure offtake agreements portfolio, as top priority**, in 2019.



WHY SCANDIUM INTERNATIONAL?

WHY NOW?

- We are **serious about building a mine** and a fresh, new specialty metal market.
- **Markets taking shape now**. LOI's signal genuine customer interest.
- **SCY valuation** very strong relative to peers.
- We anticipate **Nyngan is first to market**, with the only primary scandium project.
- **Excellent growth potential** for the project to pace market upsurge in near/med term.
- **Experienced team**-in specialty metals.
- Right-sized project with **robust economics** makes for construction finance options.





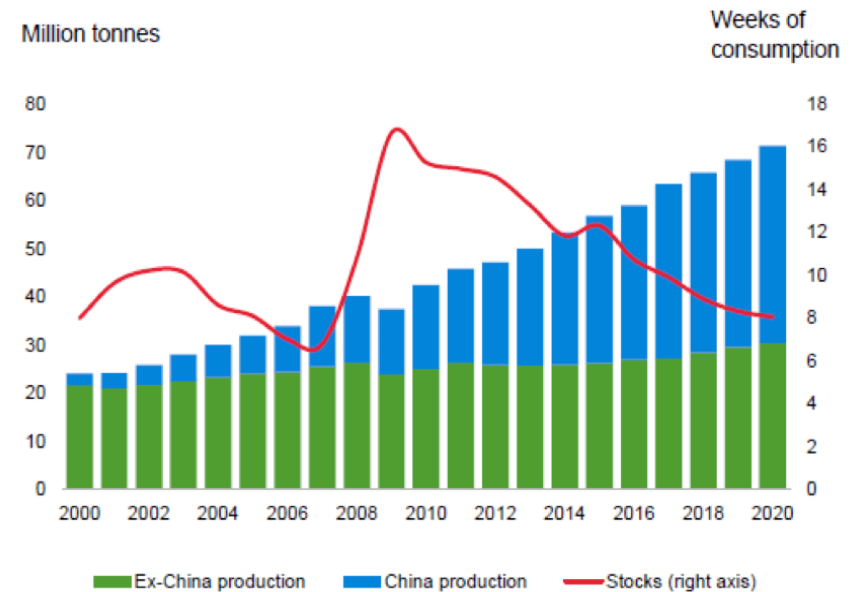
APPENDIX

GLOBAL ALUMINUM PRODUCTION RISING

ALUMINUM GROWTH CONTINUES TO EXCEED OECD RATES

- Global 2019 aluminum growth forecast weaker than 2018 actual, but still in 2-3% range.
- China supply represents 57% of global capacity and growing, while other areas decline.
- 10 year aluminum demand forecasts still show a healthy +5% CAGR, driven by particularly strong adoption in the transport sector.
- Planned (China) capacity additions are expected to keep a check on primary aluminum pricing in an otherwise strong growth environment.
- Scandium offers improvements in aluminum particularly suited to the transport sector; marine, automotive, and aerospace.
- The aluminum industry is answering challenges from advanced materials, and scandium fits well into their improved alloy offerings.

Primary aluminium production and stocks



Source: Rio Tinto, CRU Group

ALUMINUM RECYCLING











































THE METAL WITH THE HIGHEST RECYCLE RATES

- Aluminum is very economic to recycle – globally, about 70% of all aluminum alloys are recycled, cans have highest rate.
- Recycling takes 5% of the energy of new production, with 95% lower greenhouse gas emissions.
- Aluminum can be recycled with no loss of properties.
- Country recycle rates do vary-from good to better.
 - Europe's recycle rate is about 70%.
 - USA/Canada is about 54%.
- Some aluminum alloys are much more difficult to recycle than others. Some need to be separated, by value or by alloy content. All show consistent economic incentive.
- The inherent advantage aluminum holds over other metals regarding recycling is not disrupted by scandium. In fact, the added cost of scandium in alloys is effectively recovered in the recycle loop.



POTENTIAL SCANDIUM PRODUCERS (Australia/USA)

PEER REVIEW STATUS

COMPANY	PROJECT	RESOURCE	ECONOMICS		PERMITS	SCANDIUM OFFTAKES	FINANCE	INITIAL PRODUCT DATE	CAPITAL COST ESTIMATE	PRODUCTS	MARKET CAP/ PROJECT NPV	
			PFS	DFS								
Scandium International	Nyngan			 2016					2021	US\$87M	SCANDIUM ONLY	14%
CleanTeQ	Sunrise		 2016	 2017					2021	US\$1.5Bn	Ni/Co Scandium?	14%
NioCorp	Elk Creek			 2018					2021	US\$1.0Bn	Nb/Ti SCANDIUM	6%
Platina Resources	Owendale			 2018					2021	US\$60M	SCANDIUM & Ni/Co +HPA	6%
Australian Mines Ltd.	SCONI			 2018					2022	US\$974	Ni/Co Scandium	7%
Australian Mines Ltd.	Flemington								N/A	N/A	Ni/Co SCANDIUM	N/A

Latest Update: July. 2019