



# Speciality Metals

International Limited

ABN: 77 115 009 106 (ASX: SEI)

28 October 2020

Company Announcements Office  
ASX Limited  
Exchange Centre  
20 Bridge Street  
SYDNEY NSW 2000

## Investor Presentation October 2020

Speciality Metals International Limited (ASX:SEI) is pleased to provide a snapshot of the company and its activities as set out in the attached presentation.

Authorised by Resolution of the Board:

**Suzanne Irwin**  
**Company Secretary**  
Speciality Metals International Limited

### Further Enquiries:

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### About the Company

Speciality Metals International Limited is an ASX-listed company transforming its world-class tungsten assets at Mt Carbine in North Queensland; leveraging advanced technology, historical stockpiles and unexploited resource with the aim of being the pre-eminent tungsten producer in Australia. The Company also holds gold exploration licences in New South Wales. The Company aims to create shareholder value through the exploration and development of its current portfolio whilst continuing to evaluate corporate and exploration opportunities within the new economy and critical minerals sector.





**Speciality Metals**  
International Limited

# Investor Presentation

October 2020

*Mt Carbine Site*





- 1 Who we are
- 2 What we do
- 3 Why invest in us?



# Who we are

## Our Purpose

### *Resourcing the new economy for a better tomorrow.*

*We are a value-oriented resources company, sustainably producing and managing new economy minerals and metals. We maximise the potential of our assets through resource-efficiency and investment in our people to deliver materials that are critical for a better tomorrow. It's how we drive value in our operations, approach new opportunities and at the same time deliver positive societal impact while minimising our environmental footprint.*



Oliver



Stephen



Zhui Pei



Kevin



Kim

	as per 27 October 2020
Share Price	A\$ 0.03
Issued Shares	1,110m
Market Capitalization	A\$ 33m
Shareholding:	
- Top 20	58.0 %
- # of shareholders	1,450



## Diverse and Experienced Board & Leadership Team

Oliver Kleinhempel

German

Non-executive Chairman

Stephen Layton

Australian

Non-executive Director

Zhui Pei Yeo

Singaporean

Non-executive Director

Kevin MacNeill

Canadian

CEO & Snr. Technical Advisor

Kim Cavallaro

Australian

CCO (CEO-designate) & Exec. Director





# What we do

*Tungsten Processing Plant*



# Meeting Today's Challenges\* Requires a **Shift in Mindset**



Global metal **demand more than doubled** over the last 30 years.

Today's metals industry (from mining to distribution of refined products) is responsible for **20% of all industrial energy use** worldwide.

If populations in emerging economies adapt to a similar suite of technologies and follow lifestyles of today's developed economies, global metal **demand will grow 9-fold**.



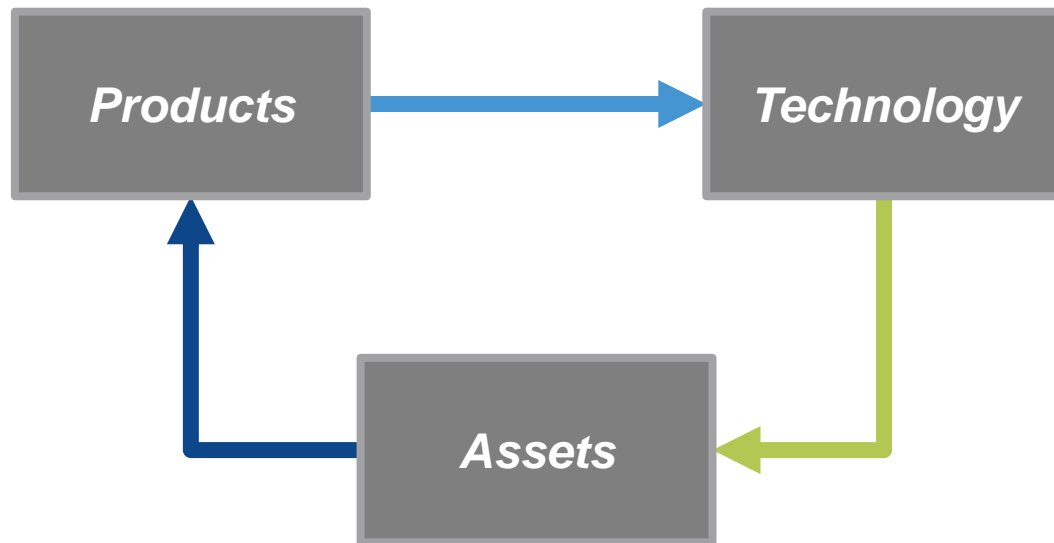
Resources are getting **more difficult to find** and **grades are getting lower**.

**Environmental impact** is increasing exponentially.

A lot of resources are being ~~produced~~ **wasted**.

# Our (Simple) Business Model

Supplying critical raw materials for hi-tech & green-tech industries



Developing operations with a superior cost structure & eco performance

Integrating advanced process technology for enhanced resource recovery and efficiency

We have a dedicated focus on **new economy & critical minerals** as an invaluable ingredient for sustainable economic development.

Our operations strive for **resource efficiency** as a driver for **profitability** and **environmental performance**.



# Mt Carbine Flagship Projects

## Production and cash-flow today...

- ✓ *Refurbished tungsten process plant commissioned and expanded to 300k tpa capacity*
- ✓ *Proven viability of advanced XRT ore sorting for 20+ times upgrade of feedstock grade*
- ✓ *Crushed (low grade) ore stockpile providing 10+ years feedstock*
- ✓ *Acquisition of an established quarry business (20 years in operation)*

## ...with long-term growth opportunities moving forward.

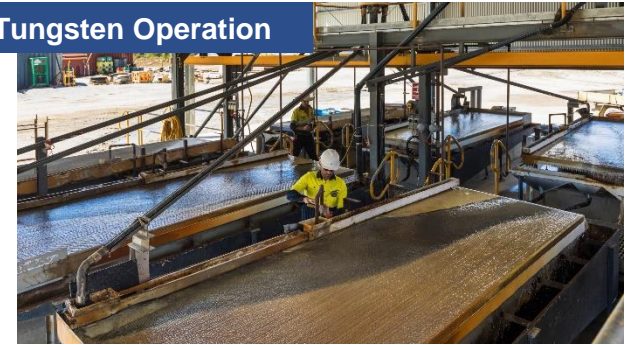
- 100% ownership of mining leases and exploration permits* ✓
- Existing 430m decline allowing cost- and time-efficient start of underground works* ☐
- Target production throughput of 1Mtpa by 2022 (permit application in process)* ☐



The **Mt Carbine** deposit is situated in proximity to two other significant scale tungsten deposits; Geological potential to form a **tungsten cluster** in Far-North Queensland:

- **Watershed** [2014 DFS by Vital Metals (2012 JORC): Ore Reserves of 21Mt @ 0.15% WO<sub>3</sub>, Mineral Resources of 49Mt @ 0.14% WO<sub>3</sub>, Exploration Potential of 49-80Mt @ 0.1-0.19% WO<sub>3</sub>]
- **Wolfram Camp** [2015 Technical Report by Almonty Industries (NI 43-101): Ore Reserves of 375kt @ 0.22% WO<sub>3</sub>, Mineral Resources of 2.3Mt @ 0.29% WO<sub>3</sub>]

### Tungsten Operation



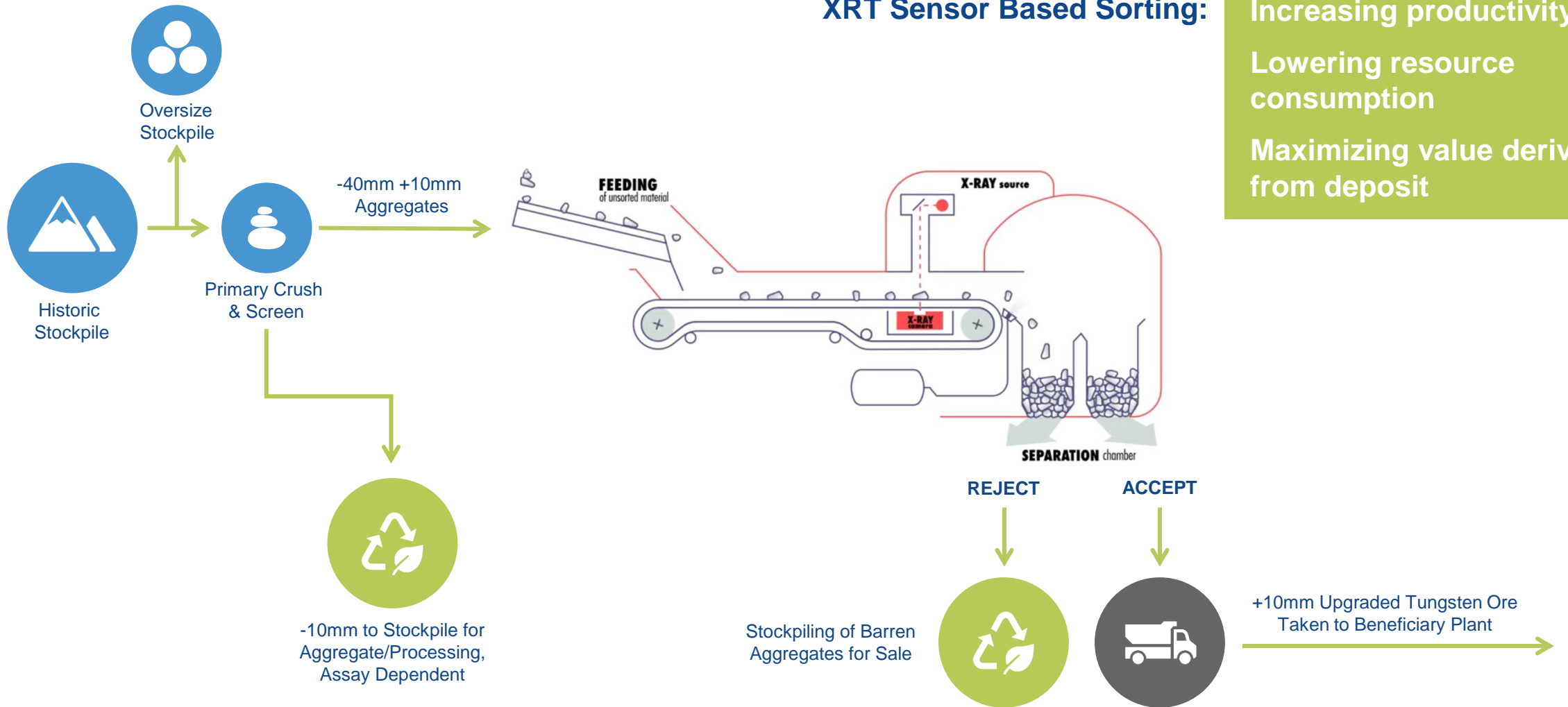
### Quarry Operation



### Exploration

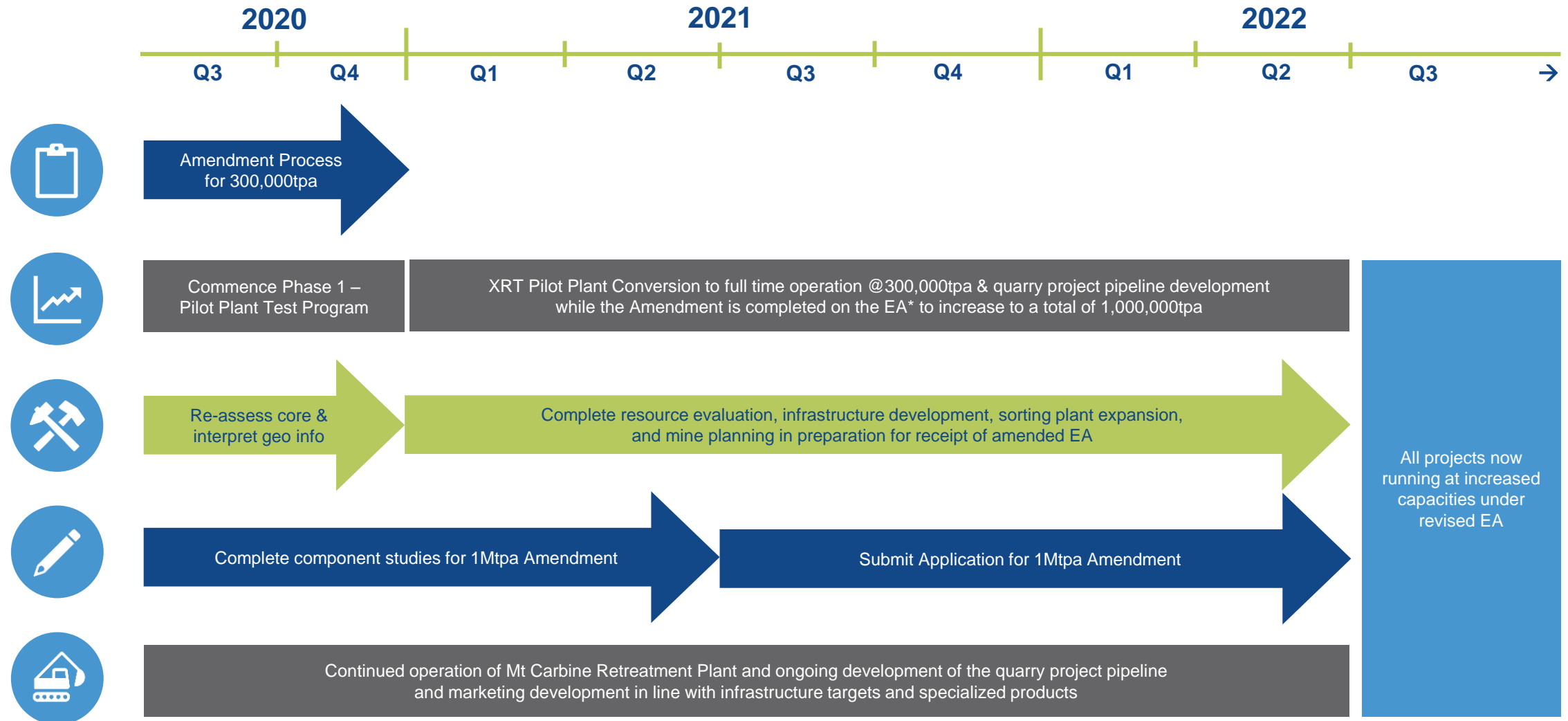


# Mine Waste Transformation Process





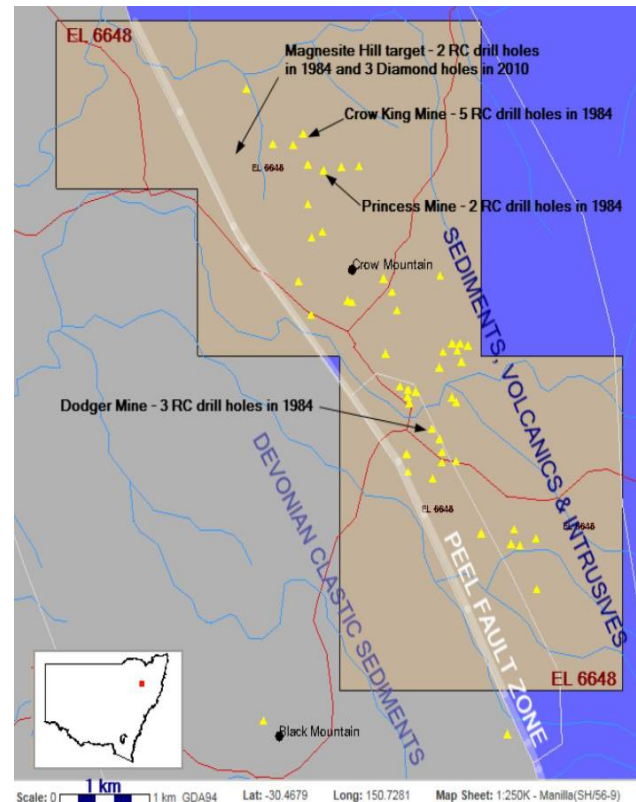
# Mt Carbine Project Timeline



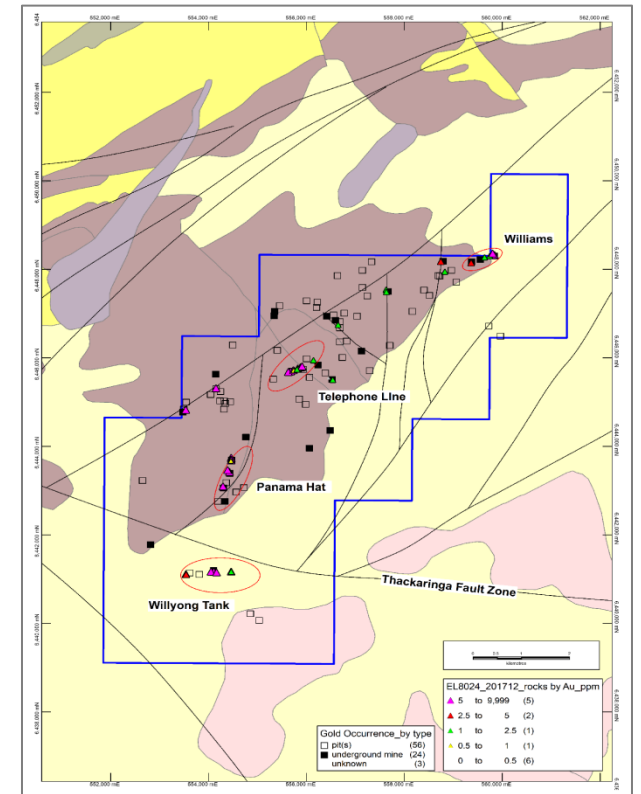
# Our Gold Exploration Assets (100% owned)

## Extensive exploration potential both at Crow Mountain (EL6648) and Panama Hat (EL8024)

- ✓ *Shallow and underground gold workings dating back to the late 19<sup>th</sup> and early 20<sup>th</sup> century*
- ✓ *Significant data set available from historical exploration programs and more recent activities conducted by the Company*
- ✓ *EL8024 covers approx. 80% of the historical gold workings in the Broken Hill district (Company's previous sampling program identifying rock chip samples of bonanza grade up to 83 g/t Au)*
- ✓ *Drill ready targets identified on renewed tenement (EL8024 granted a further 5-year term to November 2024); EL6648 renewal submitted*



EL6648 – Historic gold occurrences and drilling conducted in 1984 and 2010



EL8024 – Surface geochemistry (rock chips) and gold occurrences by type of working





Why invest in us?

*Mulligan Highway to Mt Carbine*



# Our Value Proposition

## Critical Minerals Security

US, UK, EU, Japan, South Korea and India classified tungsten as critical for its economies

Australia has a role to play  
(#2 largest tungsten resource globally)

Mt Carbine is Australia's sole primary tungsten mine in operation

## Low Cost Expansion

Minimal investment since acquisition of mining leases, take over of existing installations

XRT sorting operation will allow output expansion of 500%

Lowest specific capex and opex amongst peers

## First Class Infrastructure

Highway connecting to Cairns within two hours (Int'l airport, port facilities)

Nearby towns and regions allows local recruitment and sourcing

Previous operators developed mine site and underground decline  
(total replacement cost A\$30m+)

## By-Product Revenue

Tungsten operations generating waste rock streams for use as aggregates/ road base for own quarry business

Quarry can operate based on tungsten waste rock from active operations or alternative historical stockpiles

## World Class Resource

47.3Mt @ 0.12-0.14%  $WO_3$  and  
12Mt @ 0.07%  $WO_3$  (JORC 2012 resource)

Underground operation within two years

Upside potential through further drilling of West Dyke, Iron Duke and Petersen Lode, and collaboration across known tungsten belt in Far North Queensland

## Clear ESG Agenda

Resource efficiency as basis of operational strategies

ESG-related key performance indicators for leadership team

Purpose-driven organization



# Our Roadmap 2025

The Company aims to create **shareholder value** through the exploration and development of its current portfolio whilst continuing to evaluate corporate and exploration opportunities within the **new economy & critical minerals sector**.



## Competent Person's Statement

- The information in this presentation relating to Mineral Resource summary are extracted from the following report on the Company's website, <http://www.specialitymetalsintl.com.au/>: Mineral Resource & JORC 2012 Compliance Update dated 13 January 2014. The underground resource is under review as announced by the Company on 16 October 2020: "High-grade Structural Zones Extend for 1.2km". The Company confirms that it is not aware of any new information that materially affects the information included in the original market announcements and that all material assumptions and technical parameters underpinning the estimates in the relevant market announcements continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements.

## General Disclaimer

- The material contained in this document is a presentation of general information about the Company's activities current as at the date of this presentation (October 2020). It is provided in summary and does not purport to be complete. You should not rely upon it as advice for investment purposes, as it does not take into account your investment objectives, financial position or needs. These factors should be considered, with or without professional advice, when deciding if an investment is appropriate.
- This document may contain forward-looking statements with respect to the financial condition, results of operations, and business strategy of the Company. These forward-looking statements are based on estimates, projections and assumptions made by the Company about circumstances and events that have not yet taken place. Although the Company believes the forward-looking statements to be reasonable, they are not certain. Forward-looking statements involve known and unknown risks, uncertainties and other factors that are in some cases beyond the Company's control, and which may cause actual results, performance or achievements to differ materially from those expressed or implied by the forward-looking statements (and from past results).
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