



Redefining the rare earths supply chain

Rowena Smith

Managing Director & CEO

8 September 2023

44th KABC-AKBC Joint Meeting

Rare Earths.
Critical Minerals.
High-tech Metals.

ASM

Building a global rare earths
& critical minerals business
to provide the high-tech
metals needed to solve
the challenges of today
and the future.



From mine to metals

DUBBO PROJECT



Mining



Separating and Refining



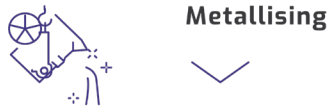
Products
Metal oxides and mixed chlorides

Shipped to Korean Metals Plant and global customers

KOREAN METALS PLANT



3rd Party Oxide
ex. Vietnam



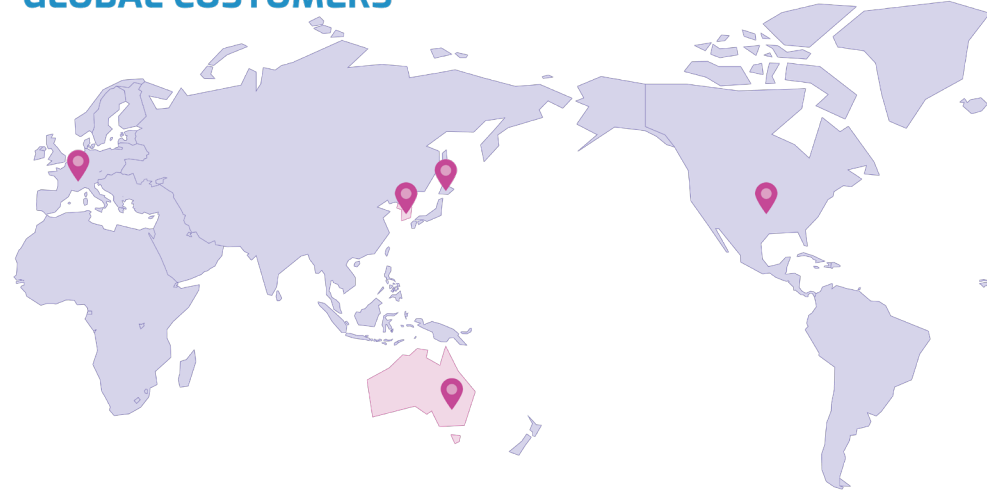
Metallising



Products
High-tech metals and alloys

Shipped direct to global customers

GLOBAL CUSTOMERS



Advanced manufacturing



New growth industries



Sustainable energy industries



Electric vehicles



Wind turbines



Semiconductors



Medical devices



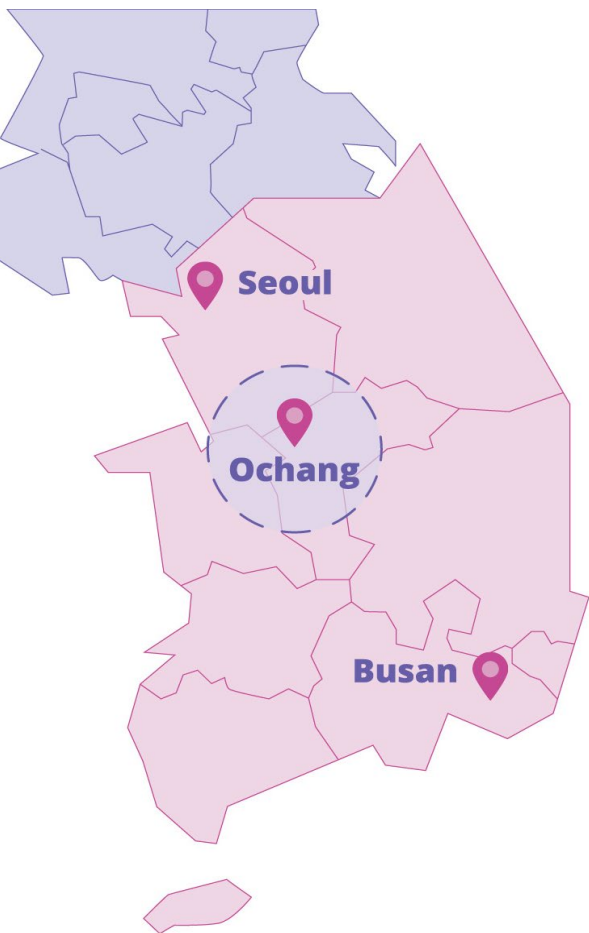
Batteries

Korean Metals Plant

Providing an alternative,
integrated supply chain
for high-tech metals.



Korean Metals Plant - in production & ramping up



**Located in Ochang
Foreign Investment Zone**

Approx. 115kms south of Seoul



Growing customer base

NdPr metal sales to Korea
NdFeB alloy sales USA



Securing raw materials

Vietnamese rare earth oxides
Collaboration to strengthen supply chain



Production ramp-up

Initially towards 600tpa
Phase 2 expansion to 3,600tpa¹



ISO 45001, 9001 & 14001

Accreditations



USA Rare Earth



VIETNAM RARE EARTH JSC



Titanium alloys in development

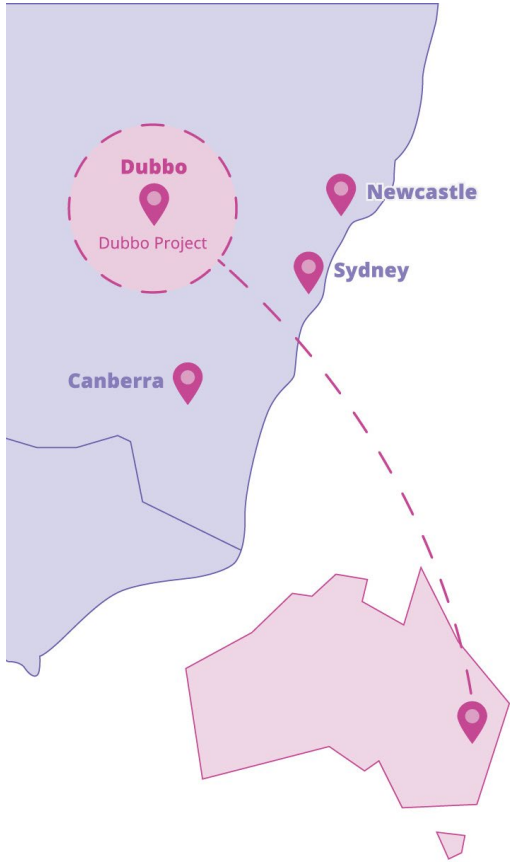
CuTi alloy using LK Process

Dubbo Project

A unique ore body
positioned to meet
global demand.



Dubbo Project – targeting production in 2027



Close to established infrastructure

25kms from Dubbo, NSW

400kms northwest of Sydney



Rare earths & critical minerals resource

Neodymium, praseodymium, dysprosium, terbium, zirconium, hafnium, niobium



20-year life of mine

Further 50 years of resource¹



Construction readiness

All major approvals in place

Land and water licences owned

EPCD work progressing with

Hyundai Engineering Co. Ltd

Advanced flowsheet



Developed in partnership with ANSTO over 16 years

Australian government support



\$17 million in Federal & State grants in FY23

Environment, Social & Governance credentials



Tier 1 jurisdiction

Targeting net zero carbon

Top quartile ESG Risk Rating²



SUSTAINALYTICS

¹Refer: ASX Release: 7 Dec 2021, *Dubbo Project Optimisation Delivers Strong Financials*.

² Refer: <https://www.sustainalytics.com/esg-rating/australian-strategic-materials-ltd/2007995966>

ASM – mine to metals



Building an alternative supply chain



Producing high-tech metals & alloys



Dubbo Project construction ready



Strong ESG credentials



Experienced Management & Board



Thank you
감사합니다

Rare Earths.
Critical Minerals.
High-tech Metals.