



CRITICAL MINERALS ASSOCIATION

AUGUST 2022

CRITICAL MINERALS ASSOCIATION AUSTRALIA

CMA DRINKS RECEPTION: MINERAL RIGHTS - 6 OCT

CMA & GSBF ANNUAL CRITICAL MINERALS
CONFERENCE - 28 NOV

WELCOMING BRITISHVOLT, GREEN LITHIUM,
WEARDALE LITHIUM TO THE ASSOCIATION



August 2022

Welcome to our August Critical Minerals Association monthly newsletter & updates on the critical minerals space.

Read on for:

- Launch of Critical Minerals Association Australia
- CMA & GSBF Annual Critical Minerals Conference
- CMA Drinks Reception: UK Mineral Rights
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- Less Common Metals: Local Community Outreach
- Euro Manganese Inc Announce Results of LCA
- GM Prepaying Livent \$198M for Guaranteed Lithium Supply
- Interview with Tungsten West
- Ian Higgins Steps Down from Less Common Metals
- CMA at Mines & Money: Resourcing Tomorrow

Kirsty, Jeff & Olimpia

This month's newsletter has been put together by Becca Kirk, PhD student at Camborne School of Mines.

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'CONTACT'**

*Got a suggestion? Want to feature in next month's newsletter? Contact
olimpia@criticalmineral.org*

Want to learn more? Check out our [website](#) & follow us on:



[@CMA_Minerals](#)



[Critical Minerals Association](#)



Launch of Critical Minerals Association Australia

02

The Critical Minerals Association (CMA) is delighted to announce that we have expanded overseas with the formation of CMA Australia, a chapter of the Critical Minerals Association that will focus on uniting and amplifying the voice of Australia's critical minerals industry.

"The success of CMA UK has been inspiring. The cooperation of our members to drive impactful policy positions and deliver these to the UK and foreign governments is unrivalled.

However, the scale of the green economy challenge, the threat of climate change, and the growing gulf in critical minerals geopolitics collectively mean that success can only be achieved at a global scale through cooperation." Jeff Townsend, Founder, CMA Australia

[READ ON HERE](#)
[FIND OUT ABOUT CMA AUSTRALIA HERE](#)



Providing a collective voice for industry



CMA & GSBF Annual Critical Minerals Conference

03

The Critical Minerals Association and The Geological Society 2nd Business Forum Annual Critical Minerals Conference will take place on 28 November 2022.

The conference at The Geological Society of London will consider topics around the delivery of the UK's critical minerals strategy, and conclude with a drinks reception.

Virtual attendees will be able to tune into a live stream from The Geological Society.

To indicate interest in attending in person, contact events@criticalmineral.org

[REGISTER HERE](#)



The Geological Society
Business Forum

**CMA & GSBF 2ND ANNUAL
CRITICAL MINERALS CONFERENCE**
**Delivering the UK's
Critical Minerals Ambitions**

MONDAY, 28 NOV 2022



GSBF & CMA Drinks Reception: UK Mineral Rights

04

Join the Geological Society Business Forum and Critical Minerals Association for presentations, Q&A and networking around mineral rights on the 6th October in London.

The event aims to demonstrate the challenges faced by the current mineral rights system in England, Scotland, and Wales, and lost opportunities for mineral exploration, job creation and levelling up.

There will be the opportunity to hear case studies from critical mineral exploration within the UK and understand the process of mineral rights acquisition to appreciate the challenges involved.

[REGISTER HERE](#)



The
Geological
Society
Business Forum



UK MINERAL RIGHTS



Thu, October 6, 2022
5:30 PM – 9:00 PM BST



Burlington House
London



US \$675 Million for Domestic Critical Materials Supply Chains

The US Department of Energy has launched a US\$675 million programme to expand the country's domestic critical materials supply chains.

The program will address "vulnerabilities" in the domestic critical materials supply chain, which are both an economic disadvantage and an impediment to the clean energy transition, the department said.

"Critical materials, which include rare-earth elements, lithium, nickel, and cobalt, are required for manufacturing many clean energy technologies, including batteries, electric vehicles, wind turbines, and solar panels," it said in a statement. "The program will advance domestic sourcing and production, strengthening America's position as a global manufacturing leader."

The administration of President Joe Biden is aiming to reduce US reliance on imports of critical materials, minerals and rare-earth elements, especially from China.

[READ ON HERE](#)





Mercedes-Benz signs MOU with Government of Canada

Mercedes-Benz Group AG and the Government of Canada signed a Memorandum of Understanding (MoU) to explore deeper cooperation across all stages of the automotive value chain – from technical development and the extraction of raw materials to production, service life and recycling.

The purpose of the MoU is to promote cooperation and to explore ways to advance opportunities across Canada's electric vehicle supply chain, including, but not limited to securing sustainable sources of raw materials - given Canada and Mercedes-Benz's mutual commitments to sustainable development and climate protection and their investments towards a cleaner and greener economy of the future.

As part of Mercedes-Benz's "Ambition2039", the focus is on the reduction of CO₂ emissions as well as the responsible use of resources along the entire supply chain. In close cooperation with its suppliers, the Stuttgart-based luxury carmaker with the three-pointed star is working on finding levers for the consistent reduction of CO₂ as well as seeking to significantly reduce the number of rare earth metals per electric drive.

[READ ON HERE](#)





Joint Declaration Between Spain and USA on Critical Minerals

The White House has released a joint declaration between the President of the Government of Spain, Pedro Sánchez Pérez Castejón, and the President of the United States of America, Joseph R. Biden, Jr. The declaration includes collaboration on critical minerals:

Fighting climate change and increasing energy security

The United States and Spain stress the importance of joint action to improve Europe's energy security and reduce dependence on Russian fossil fuels. Both countries are committed to collaboration to increase the geographical diversification of energy sources, especially natural gas, to promote renewable energies and develop new vectors such as offshore wind power and renewable hydrogen, deploy smart technologies that promote energy efficiency, and secure supply chains for the critical minerals essential to the energy transition.

[READ ON HERE](#)





Circular Releases White Paper on US Inflation Reduction Act

On Tuesday, August 16, 2022, President Joe Biden signed the Inflation Reduction Act, America's most historic legislative effort in clean energy and climate.

The bill invests more than \$360 billion in clean energy and climate provisions over the next decade. These provisions include tax breaks to accelerate the nation's transition to renewable energy and cash incentives for the purchase of electric vehicles (EVs). With the enactment of the Inflation Reduction Act, the U.S. is now on a path to reduce its emissions by approximately 40% from 2005 levels by 2030.

The inclusion—and now passage—of these clean energy incentives has positively surprised most people in the renewable, electric vehicle, and battery industries. Less than a month ago, they seemed dead in the water as Senator Joe Manchin, a key swing vote in the Senate, said he would only back a much narrower spending bill that included prescription drugs and health care.

[READ ON HERE](#)





Spanish Parliament Supports the Nation's Critical Minerals Future

The Spanish government is the latest to use its parliament to block moves that would have had a significant impact on its mining industry.

Just weeks after the Chilean government overturned legal challenges to its mining laws, its Spanish equivalent has voted comprehensively to reject a push to bring in stringent new mining legislation.

According to critical mineral project developer Rafaella Resources Limited, the Spanish parliament has voted overwhelmingly to uphold the current mining law in Spain and reject certain amendments proposed by the political party Unidas Podemos.

[READ ON HERE](#)





Welcoming Green Lithium to the Association



We are delighted to welcome our latest member, Green Lithium, to the association!

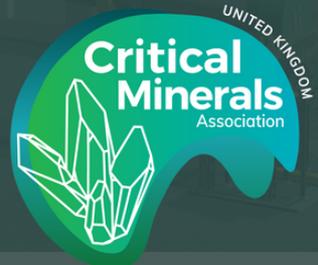
Green Lithium is well on its way to build and operate a large-scale merchant lithium refinery in the UK, and provide high-purity lithium chemicals to UK and European markets. The company is harnessing industry-leading process technology, a delivery focused team and strategic supply chain partners, to enable clean, low-carbon processing of high volumes of various raw material sources – creating green jobs and supporting the circular economy.

They play a key link in the UK battery supply chain and have been referenced in the UK governments newly published Critical Mineral Strategy.

Welcome on board!



GREEN
LITHIUM



**Green Lithium is honoured to become a
member of the Critical Minerals Association**



Welcoming Weardale Lithium to the Association

We are delighted to welcome our latest member, Weardale Lithium, to the association!

Weardale Lithium is aiming to contribute to the UK's energy transition by seeking to sustainably produce lithium and generate geothermal energy from underground geothermal waters in Weardale, County Durham.

Welcome on board!



Weardale Lithium and the Critical Minerals Association have the shared objective to ensure secure and sustainable critical mineral supply chains in the UK.





Welcoming Britishvolt to the Association

We are delighted to welcome our latest member, Britishvolt, to the association!

The race to zero is an imperative for society, and batteries are core to a successful energy transition. The Britishvolt ambition is to create some of the planet's most responsibly manufactured battery cells, primarily to power electric vehicles.

Britishvolt are working to deliver sustainable, low-carbon batteries on the roadmap to decarbonisation. Proudly British, passionately global.

Welcome on board!



BRITISHVOLT



An Integrated Lithium Supply Chain in North East England

Alkemy Capital Investments plc has announced that its wholly owned subsidiary, Tees Valley Lithium Ltd (TVL), has entered into a memorandum of understanding (MoU) with Weardale Lithium Ltd (WL), an innovative natural resources company that aims to provide secure and sustainable, domestic supply of lithium with associated geothermal energy from underground brines in Weardale, County Durham.

WL and TVL consider there to be significant synergies of both producing and refining lithium in the North East of England. Under the MoU, WL and TVL will work together to create a battery-supply chain industrial hub in the North East of England. This will include the evaluation of the potential for WL to supply lithium to TVL for refining.

WL is developing a potential domestic resource of sustainable 'green' lithium from naturally occurring geothermal brines to support the rapidly expanding electric vehicle supply chain in North East England, as well as the wider automotive industry in the UK. Supply of domestic lithium is of strategic importance to the UK in achieving its net-zero ambitions and production of high-value batteries for electric vehicles in the auto-manufacturing sector.

[READ ON HERE](#)

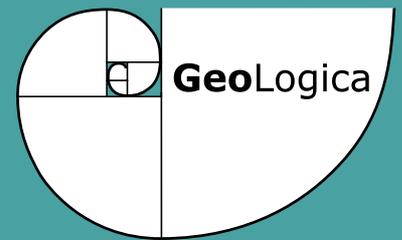




Upcoming GeoLogica ESG Course

14

27 - 29 Sept 2022
14:00 - 17:30 BST
ONLINE



E538 Embedding Environmental Social Governance in Mineral Project Evaluation: a Guide for Geoscientists taught by Ben Lepley and Jane Joughin running on September 27-29 | More info [here](#).

This course is designed for geoscientists in the mining industry to help navigate the environmental, social and governance (ESG) labyrinth and embed ESG good practice across all stages of mineral project evaluation from discovery to decommissioning and beyond.

CMA members receive a 10% discount. Please get in touch with one of the team for more info.





CMA at the Mining Investment London Conference



Mining Investment London Conference and Exhibition brings together the most influential & innovative minds. Keynotes and speakers provide latest mining industry knowledge and tips for the changing mineral resources industry across the globe.

Join Jeff Townsend for a talk on 'Geopolitical Threats and the Necessity of Government Financing.'

MORE INFO [HERE](#)

20 - 21 OCT 2022
London



4TH ANNUAL

MINING INVESTMENT
HYBRID **LONDON**



CMA at the FT Mining Summit, London

16

The CMA is delighted to be a supporting partner of the FT Commodities' Mining Summit Conference, taking place on 20th and 21st October 2021 at the Mandarin Oriental, London. Jeff Townsend, Founder, CMA will be speaking at the event about critical minerals.

The shift to a low carbon economy will not happen without mining but at current levels of investment, the world will not be able to produce the huge amount of metals and minerals needed to hit the goals of the Paris agreement on climate change. For that to change, investors and policymakers will have to engage with the industry, which will need to show that it can mine sustainably by driving down carbon emissions, water usage and making a positive contribution to society. At the same time, new geopolitical realities are threatening to force a realignment of the production, distribution and consumption of commodities globally that will have far reaching consequences for the mining industry.

[MORE INFO HERE](#)

FT LIVE

20 - 21 OCT 2022
Mandarin Oriental
London

Mines and Money London Awards for Outstanding Achievement

17

Satarla and Digbee are co-sponsoring this years Mines and Money London Awards for Outstanding Achievements in the field of ESG.

Nominations are now open for the 3 different award categories pertaining to ESG:

Award 1: *ESG Developer / Explorer of the Year Award* – Open to nominations for exploration and development companies only.

Award 2: *ESG Producer of the Year Award* – Open to nominations for operating mining companies only.

Award 3: *ESG Impact Initiative of the Year Award* – Open to nominations for any single person, organisation or group of organisations in the mining industry.

The purpose of these awards is to recognise and celebrate those in our industry who are having a significant ESG impact and are driving best practice with regard to ESG.

Nominations are open for companies or individuals to nominate themselves by following the submission criteria stated on the Mines and Money website.

Nominations close on [30th September 2022](#)

[MORE INFORMATION HERE](#)





Critical Minerals News

The following August news articles from Argus Media, Mining Weekly, Mining Magazine, and others, provide an overview of critical mineral mining for:

- Cobalt
- Copper
- Graphite
- Lithium
- Manganese
- Nickel
- Rare Earth Elements
- Tin
- Titanium
- Vanadium

The Critical Minerals Association takes no credit for any articles and makes no endorsement of any of the content.

Cobalt

- Global [18.8.22]

- Cobalt sulphate and hydroxide prices recorded massive losses of 24.4% and 21.4% m-o-m respectively in July, according to Benchmark Mineral Intelligence.
- <https://stockhead.com.au/resources/well-need-a-monster-cobalt-mine-every-two-years-from-2025-26-or-well-um-run-out/>

- Europe [16.8.22]

- EU digs for more lithium, cobalt and graphite in green energy push
- <https://www.ft.com/content/363c1643-75ae-4539-897d-ab16adfc1416>

- North America

- Canada: Electra [12.8.22]

- Fuse Cobalt signs raw material supply agreement with Electra.
- <https://www.mining-technology.com/news/fuse-cobalt-supply-electra/>

- Greenland [8.8.22]

- Billionaires are funding a massive treasure hunt in Greenland as ice vanishes.
- <https://edition.cnn.com/2022/08/08/world/greenland-melting-mineral-mining-climate/index.html>

- Oceania

- Australia: Emmerson Resources [17.8.22]

- Emmerson Resources hits more high-grade copper-gold and cobalt-bismuth at Tennant Creek Project's Hermitage prospect.
- <https://www.proactiveinvestors.com.au/companies/news/990286/emmerson-resources-hits-more-high-grade-copper-gold-and-cobalt-bismuth-at-tennant-creek-project-s-hermitage-990286.html>

Copper

- Africa

- Botswana: Sandfire Resources [31.8.22]

- Sandfire Resources Ltd has confirmed the planned expansion of its Motheo Copper Mine in Botswana from 3.2 million tpy to 5.2 million tpy following the completion of a positive definitive feasibility study (DFS), including the A4 Deposit and an expanded processing plant.
 - <https://www.globalminingreview.com/exploration-development/31082022/sandfire-announces-motheo-copper-project-expansion-dfs/>

- Europe

- Russia: Udoken Copper [3.8.22]

- Udokan Copper to cut its carbon intensity up to 75% by 2035.
 - <https://www.globalminingreview.com/mining/03082022/udokan-copper-to-cut-its-carbon-intensity-up-to-75-percent-by-2035/>

- Oceania

- Australia: BHP [8.8.22]

- BHP makes offer for Australian copper firm Oz Minerals.
 - <https://www.argusmedia.com/en/news/2358831-bhp-makes-offer-for-australian-copper-firm-oz-minerals>

- Australia: Rio Tinto [29.8.22]

- Communities around Rio Tinto's (ASX, LON: RIO) shuttered copper mine in Bougainville face a serious threat of flooding due to unstable mine infrastructure, an interim report commissioned by the mining company said on Monday.
 - <https://www.mining.com/web/former-rio-tinto-mine-at-bougainville-poses-flood-risk-report/>

Graphite

- Africa

- Tanzania: Volt Resources [29.8.22]

- Volt Resources progresses Bunyu Graphite Project in Tanzania with feasibility study update
 - <https://www.proactiveinvestors.com.au/companies/news/991156/volt-resources-progresses-bunyu-graphite-project-in-tanzania-with-feasibility-study-update-991156.html>

- Asia

- China [16.8.22]

- Graphite: The waning of Chinese dominance.
 - <https://www.proactiveinvestors.com.au/companies/news/990233/graphite-the-waning-of-chinese-dominance-990233.html>

- Kazakhstan: Sarytogan [15.8.22]

- Graphite drilling of 'giant' resource in Kazakhstan starts well for Sarytogan.
 - <https://www.miningnews.net/energy-minerals-news/news/1437740/graphite-drilling-of-%E2%80%98giant%E2%80%99-resource-in-kazakhstan-starts-well-for-sarytogan>

- Europe

- Europe [16.8.22]

- EU digs for more lithium, cobalt and graphite in green energy push.
 - <https://www.ft.com/content/363c1643-75ae-4539-897d-ab16adfc1416>

Lithium

- Europe

- France: CGG [1.8.22]

- CGG links lithium tech with US energy company.
 - <https://www.miningmagazine.com/natural-resources/news/1436982/cgg-links-lithium-tech-with-us-energy-company>

- North America

- Canada: [11.8.22]

- Critical Elements Lithium complete positive engineering study for a lithium hydroxide monohydrate plant.
 - <https://www.juniorminingnetwork.com/junior-miner-news/press-releases/584-tsx-venture/cre/126199-critical-elements-complete-positive-engineering-study-for-a-lithium-hydroxide-monohydrate-plant.html>

- Latin America

- Chile: SQM [30.8.22]

- SQM gets green light on environmental plan.
 - <https://www.mining.com/web/chile-lithium-producer-sqm-gets-green-light-on-environmental-plan/>

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- Oceania

- Australia: Alkemy [9.8.22]

- Alkemy to build Australia's first lithium sulphate plant at Port Headland.
 - <https://www.globalminingreview.com/mining/09082022/alkemy-to-build-australias-first-lithium-sulfate-plant-at-port-hedland/>

Manganese

- Africa

- Morocco: Electra [18.8.22]

- Elcora, Gold Lion to begin mining manganese in Morocco.
 - <https://www.moroccoworldnews.com/2022/08/350854/elcora-gold-lion-to-begin-mining-manganese-in-morocco>

- North America

- Canada: Canadian Manganese [15.8.22]

- Canadian Manganese reports second quarter 2022 results.
 - <https://www.juniorminingnetwork.com/junior-miner-news/press-releases/3092-neo/cdmn/126389-canadian-manganese-reports-second-quarter-2022-results.html>

- USA [18.8.22]

- Will climate bill lead to more mining in Virginia?
 - <https://cardinalnews.org/2022/08/18/will-climate-bill-lead-to-more-mining-in-virginia/>

- Oceania

- Australia [31.8.22]

- Drilling has outlined a potential new manganese deposit at the Redrum prospect within Bryah's 49% owned Bryah Basin project in Western Australia.
 - <https://stockhead.com.au/resources/bryahs-new-manganese-deposit-adds-critical-mass-for-production-restart/>

Nickel

- North America

- Canada [8.8.22]

- Canada Nickel company initiates federal permitting process for Crawford Nickel Project.
 - <https://www.juniorminingnetwork.com/junior-miner-news/press-releases/2768-tsx-venture/cnc/125943-canada-nickel-company-initiates-federal-permitting-process-for-crawford-nickel-project.html>

- Canada: Giga Metals [15.8.22]

- Giga Metals and Mitsubishi agree to establish joint venture to develop Turnagain Nickel Project.
 - <https://www.juniorminingnetwork.com/junior-miner-news/press-releases/2185-tsx-venture/giga/126339-giga-metals-and-mitsubishi-corporation-agree-to-establish-joint-venture-to-develop-turnagain-nickel-project.html>

- Oceania

- Australia: First Quantum Minerals [30.8.22]

- First Quantum Minerals proceeds with \$12m earn-in of Dreadnought Resources' Mangaroon nickel-copper-PGE landholding.
 - <https://smallcaps.com.au/first-quantum-minerals-proceeds-earn-in-dreadnought-resources-mangaroon-nickel-copper-pge-landholding/>

Rare Earth Elements

- Global [19.8.22]
 - The Guardian view on rare earths: mining them can't cost the Earth.
 - <https://www.theguardian.com/commentisfree/2022/aug/18/the-guardian-view-on-rare-earth-mining-them-cant-cost-the-earth>
- Asia
 - China [7.8.22]
 - China July rare earth exports down 8% year on year.
 - <https://www.mining.com/web/china-july-rare-earth-exports-down-8-year-on-year-customs/>
- North America
 - Canada: NioBay Metals [11.8.22]
 - NioBay Metals confirms mineralization to the north at depth at the James Bay Niobium Project.
 - <https://www.juniorminingnetwork.com/junior-miner-news/press-releases/819-tsx-venture/nby/126237-niobay-metals-confirms-mineralization-to-the-north-at-depth-at-the-james-bay-niobium-project.html>
 - Canada: Commerce Resources[11.8.22]
 - Commerce Resources extends mineralization along strike at the Ashram Rare Earth and Fluorspar Deposit, Quebec.
 - <https://www.juniorminingnetwork.com/junior-miner-news/press-releases/766-tsx-venture/cce/126267-commerce-resources-extends-mineralization-along-strike-at-the-ashram-rare-earth-and-fluorspar-deposit-quebec.html>

Tin

- Africa

- Namibia: AfriTin [15.8.22]

- AfriTin Mining Completes First Phase of Namibia Tin Mine Construction
 - <https://www.marketwatch.com/story/afritin-mining-completes-first-phase-of-namibia-tin-mine-construction-271660549068>

- Oceania

- Australia: TinOne [30.8.22]

- TinOne Resources To Acquire Rattler Range Tin Project In Tasmania, Australia.
 - <https://www.juniorminingnetwork.com/junior-miner-news/press-releases/3089-tsx-venture/torc/127064-tinone-to-acquire-the-rattler-range-tin-project-in-tasmania-australia.html>

- Indonesia [12.8.22]

- Indonesia revokes thousands of mining permits covering over 3 million hectares
 - <https://www.mining.com/web/indonesia-revokes-thousands-of-mining-permits-covering-over-3m-hectares/>

Titanium

- Asia

- Iran: TNG [14.8.22]

- Iran has opened its third titanium processing facility, giving the recycling of a priceless metal used in high-end aerospace, marine, and automotive industries a substantial boost.
 - <https://menafn.com/1104790136/Iran-builds-third-titanium-factory-in-boost-to-precious-metal-output>

- Oceania

- Australia: TNG [14.8.22]

- TNG secures \$140m for Australian vanadium-titanium-iron project.
 - <https://www.mining-technology.com/news/tng-140m-australian-vanadium>

Tungsten

- Oceania

- Australia: Group 6 [26.8.22]

- Group 6 Metals' redevelopment of Dolphin tungsten mine 'progressing quickly' for 2023 restart.
 - <https://smallcaps.com.au/group-6-metals-redevelopment-dolphin-tungsten-mine-progressing-2023-restart/>



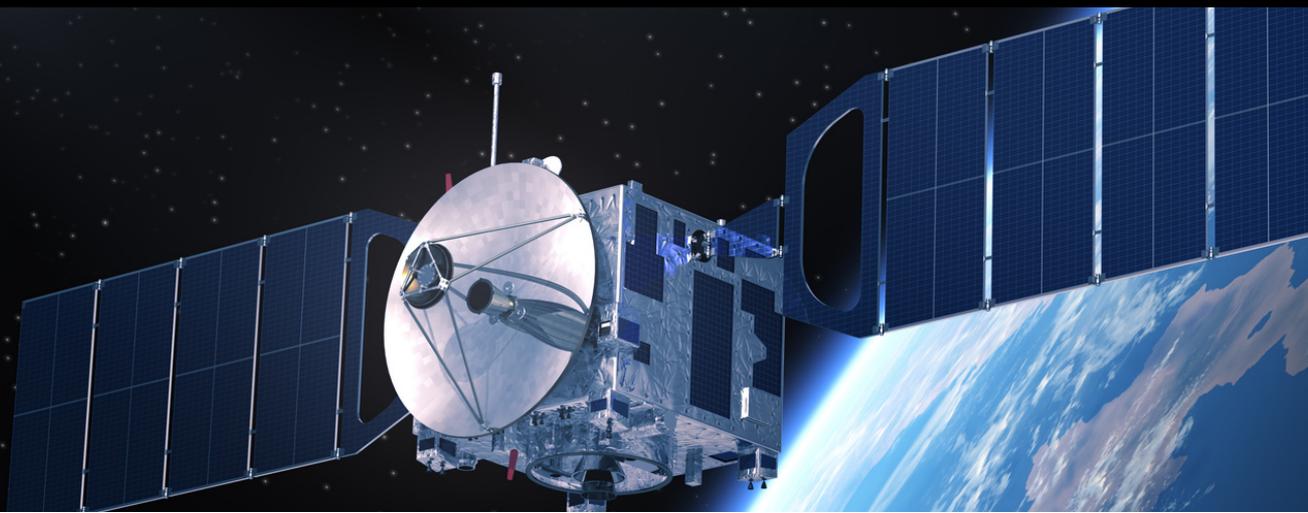
Minviro Joins Space Commercialisation Engine

The Space Commercialisation Engine (SCE) is delighted to confirm that 4 new companies have signed up for support to accelerate their service or product to market with Earth Observation technology.

Launched in 2021 by the Satellite Applications Catapult, the SCE is unique in offering both proof of concept and strategy, targeting all sectors of the UK economy with access to a multitude of skills across the Earth Observation spectrum. Satellite Imagery and its analysis delivers significant value for non-space sectors powering existing and new applications.

Minviro provide environmental insights to the Extractive Industry and downstream decarbonisation tech manufacturing sector using Life Cycle Assessment (LCA) software facilitating environmentally informed decision making.

[READ ON HERE](#)





Cornish Metals Intersects High Grade Cu-Sn-Zn at United Downs

"Results from the United Downs drill programme confirm the potential to develop a mineral resource, especially the down dip section of the United Mine where we encountered high-grade copper, tin, and silver," said chief executive Richard Williams. "The company is now considering the next steps for United Downs."

One of the drill holes at Mount Wellington intersected several high-grade zinc zones including 2.05 metres (m) at 6.05% zinc and 4.25m grading 5.51% zinc. While the second hole intersected several polymetallic zones, including 1.49m at 6.17% copper and 67 grammes a tonne (g/t) silver; 4.89m grading 2.21% copper and 19 g/t silver; and 2.42m at 3.70% tin and 9.09% zinc.

High-grade tin intersects were encountered in the two holes drilled in the central part of the United Downs project to test the down dip extension of United Mines. They both confirmed a potential transition from high-grade copper to high-grade tin at depth, similar to the mineralisation transition seen at the nearby South Crofty mine, the company said.

[READ ON HERE](#)



Miners Face US Electric Vehicle Credit Deadline

Miners will struggle to expand operations in the United States in record time to meet a deadline for sourcing key minerals domestically or from select countries as set out by a bill likely to be passed on Friday, companies and industry watchers said.

The requirement is part of a sweeping bill that includes climate and clean energy policies and rules on electric vehicle (EV) battery materials such as cobalt, lithium, nickel and graphite. The US House of Representatives is set to vote on the measure Friday.

“Considering it takes seven years to build a mine and refining plant but only 24 months to build a battery plant, the best part of this decade is needed to establish an entirely new industry in the United States,” said Simon Moores, chief executive of Benchmark Mineral Intelligence.

The Inflation Reduction Act (IRA) includes a \$7,500 tax credit for new electric vehicles, but to win the full credit, EV makers have to source in 2023 at least two-fifths of battery materials from the United States or free trade agreement (FTA) partners such as Canada, Chile and Australia or recycle it in North America.

[READ ON HERE](#)



Dalradian Awarded Gold Accreditation with Investors In People

Dalradian have been advanced to gold accreditation with the Investors in People (IIP) award, three years after obtaining the initial award for their continuous commitment to their people. This award is recognised in 66 countries worldwide and is the benchmark for people management.

IIP assess organisations against a specific framework to understand measure how well companies are leading and supporting compared to others within their industry and of similar sizes. This includes a company-wide survey industry and interviews with team members to get their views which is then included in a report which outlines any recommendations to the company for improvements.

Dalradian scored 2nd highest in their industry sector and is one of only 17% of all accredited organisations to achieve gold standard.

Congratulations Dalradian on your achievement!

[READ ON HERE](#)



Less Common Metals: Local Community Outreach

Local community engagement is key for Less Common Metals to highlight the Rare Earth Industry to citizens. In recent years it has become crucial, especially for their understanding of how technology like mobile phones and electric vehicles are manufactured. The connection between a finished product and its supply chain is needed to be understood, and at the moment we have a disconnected society.

LCM is a partner of an EU-funded project, named SecREEs, to build a secure and stable supply of rare earth elements from European sources. It is through this project LCM has been able to build such a strong case of community-based activities for different age ranges, from nine years old to 70 years old.

Over the lifetime of this project more than 370 people have been directly engaged with and learned about rare earth elements, supply chain risks, neodymium iron boron permanent magnets for the likes of electric vehicles and wind turbines, and the SecREEs project.

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Euro Manganese Inc Announce Results of LCA

Euro Manganese engaged Minviro Ltd, a UK-based and globally recognized sustainability and life cycle assessment consultancy, and RCS Global Ltd, a leading global auditor of battery material supply chains, to conduct a cradle-to-gate, critically reviewed study quantifying the environmental impacts, including the carbon footprint, of producing high-purity manganese products from manganese-rich historic mine tailings at the CMP.

The results of the LCA validate the environmental value proposition of the CMP and identify potential opportunities for further impact reduction. Delivery of the LCA is timely as Euro Manganese continues to engage with customers in the Electric Vehicle battery/automotive space, each of whom are testing and qualifying both the chemistry and environmental credentials of EMN's high-purity manganese products.

Dr. Matthew James, Euro Manganese's President and CEO, said: "I am pleased the results of this Life Cycle Assessment confirm the environmental credentials of the Chvaletice Manganese Project, namely its low carbon footprint and the net positive benefits of remediating the historic tailings area, where the quality of soil and freshwater actually improve over the lifetime of our Project."

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GM Prepaying Livent \$198M for Guaranteed Lithium Supply

General Motors Co is prepaying Livent Corp \$198 million for a guaranteed six-year supply of lithium, a deal that reflects the auto industry's rising worry about a tightening market for the electric vehicle battery metal.

Prepaying cash for a guaranteed metal supply is unusual in the mining industry. The deal shows GM's eagerness to ensure it has sufficient raw materials to meet its goal of producing 1 million EVs annually in North America by 2025.

Both companies announced the broad brushstrokes of the deal last week, but Livent announced financial terms on Tuesday as it posted a better-than-expected profit and raised its forecast for the year.

"GM is certainly thinking for the long term here," Paul Graves, Livent's chief executive, told investors on a Tuesday conference call. "By making the advanced payment, they are clearly giving us the commitment that we were looking for."

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Interview with Tungsten West

Tungsten and tin are both considered conflict minerals because, like gold and tantalum (the 3TGs), they originate from parts of the world where their production is used to directly fund conflict. The mining of tungsten is also associated with child labour in some parts of the world.

Tungsten West by contrast will ensure a sustainable supply of socially responsible and ethically produced tungsten and tin are available to the west.

James says: "Given the current geo-political situation across the globe, it is more important than ever to reduce the UK's reliance on imports of critical raw materials from other countries. If we can become more self-sufficient as a nation, we de-risk our vital sustainability and innovation agendas, which rely heavily on materials such as tungsten and tin.

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TUNGSTEN **WEST**



Ian Higgins Steps Down as MD at Less Common Metals

Less Common Metals are saddened to announce Ian Higgins has taken the decision to resign and move on from LCM. Ian is to pass the LCM baton to Albert Slot, previous Director of Sales, and Business Development at Arnold Magnetic Technology, who will take over the role of Managing Director.

After 29 years, of working in the Rare Earth Industry across both technical and commercial roles, Ian has decided to embark on the next chapter of his life after spending his years working between both the quality and operation sides of the industry alongside responsibility within purchasing and sales.

Ian notes his biggest achievement during his career to being of the team that established 'a fully commercial facility to produce rare earth oxides' and seeing the 'illustration of what can be achieved with a correct plan and execution'.

Ian will be missed within the industry but is well wished for his future endeavours.



CMA at Mines & Money: Resourcing Tomorrow

Resourcing Tomorrow, by Mines and Money is an event focused on the energy transition, ESG, sustainability and the circular economy. It is to be held at the Business Design Centre, London. The agenda has been selected by Mines and Money to incorporate themes and topics that are highly relevant to investors and industry.

With mining driving 38% of the world's GDP, it will play a critical role in the energy transition and hence the window of opportunity to transform and recreate the mining industry for this is here, and understanding and addressing to investors, industry and policymakers in essential.

The event will showcase more than 120 talks, including **Jeff Townsend, Founder, Critical Mineral Association** providing expertise in the critical minerals field and addressing this to government and policymakers.

[MORE INFO HERE](#)

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