



# GLOBAL MINING FINANCE

## Conference

*“Where the Money  
meets the Metal”*

**21st May 2024**  
**Pewterers Hall, City of London**

[www.global-mining-finance.com](http://www.global-mining-finance.com)



# Sustainable Magnesium metal production in Europe



## One Mission

Re-establish primary Magnesium (“Mg”) production in Europe (Croatian part of Bosnia-Herzegovina), offer clean, green and competitive Mg, become the supplier of choice for European industry and help Europe solve a very acute CRM (Critical Raw Material) and Strategic Raw Material supply issue.



## Two Catalysts

1. Latest technology guaranteeing a clean, green, and competitive production.
2. Location at one of Europe’s highest-quality dolomite raw-material deposits with an active mining licence, local green energy supply, solid infrastructure.



## Three Inputs

1. Dolomite raw material sourced from separately owned mining company.
2. Aluminium and Al-scrap (reductant) easily available in the Balkan region.
3. Inexpensive “green” electricity (hydro-, wind-, pv-power) available in abundance in Kanton 10 of Bosnia-Herzegovina.



## Four Products

1. Mg (99.9% purity) and Mg-alloys
2. PCC (Precipitated Calcium Carbonate)
3. Al-Mg-Spinel / Al-Oxide
4. Dry Ice / liquid CO<sub>2</sub>

With great USPs:

- Produced in Europe! Supply certainty!
- Highest spec through high-quality dolomite
- Competitive pricing
- Zero waste Al-thermic process, TRL 8-10, no patent required
- LCA result: < 1 ton of CO<sub>2</sub> /mt Mg



## Outlook & Economics

- Strongly growing end markets
- Diversified revenue base enhancing competitiveness
- Highly attractive financial returns
- “Ready to build” status
- Strong support from European politics
- Independent report / project audit available soon
- Fundraising started for c. US\$ 100m capex
- Start of production in 2026 with targeted capacity of 15.000 mt/y Mg





Pewterers Hall, City of London  
**Tuesday 21st May 2024**

**8.45-9.30am** Registration and Refreshments

**9.00am** Welcome and introduction

**Andrew Dacey** - Conference Moderator  
Momentum Group - Mining Consultants

**Opening Keynote Presentation**  
Critical Minerals Challenges and Opportunities

**9.35am**

**Speaker** **Amanda van Dyke** - Managing Director  
ARCH Emerging Markets Partners

Gold and Gold Mines: The Big Leap Forward

**11.40am**

**Sponsor** **Montbleu Finance**  
**Speaker** **Alain Corbani** - Portfolio Manager -  
Head of Mining

Building the UK's First Merchant Lithium Refinery

**9.55am**

**Sponsor** **Green Lithium**  
**Speaker** **Sean Sargent** - Chief Executive Officer

A Team with a Proven Track Record of Success has made another Major Discovery In Colombia

**12.05pm**

**Sponsor** **Collective Mining**  
**Speaker** **Ari Sussman** - Executive Chairman  
of the Board

Enabling America's Clean Energy Economy

**10.20am**

**Sponsor** **5E Advanced Materials**  
**Speaker** **J.T. Starzecki** - Chief Marketing Officer

The Premier Precious Metals Investment

**12.30pm**

**Sponsor** **Wheaton Precious Metals**  
**Speaker** **Randy Smallwood** - President & Chief  
Executive Officer

Sustainable Magnesium Metal Production In Europe

**10.45am**

**Sponsor** **MFE Magnesium For Europe**  
**Speaker** **Mark Pohlmann** - Managing Director

**1.00pm** Closing Remarks

**11.10am** Networking coffee break



**1.00pm**

Networking lunch, wine and refreshments



**2.30pm**  
Conference Closes

# SPONSORS/SPEAKERS

## Global Mining Finance Conference - 2024



**Amanda van Dyke** *Managing Director of the ARCH Sustainable Resources Fund*  
ARCH Emerging Markets Partners Limited

The ARCH Sustainable Resources Fund is a private equity fund investing in sustainable mining companies that are capable of producing the critical minerals that are required to support the green economy and the transition to net zero. The fund is investing in companies across the value chain whose activities cover on or a combination of the following areas – the development, extraction, transformation, or recycling of the raw materials that contribute to these objectives.

Amanda has over 20 years of experience in commodity markets. Prior to ARCH, she managed an UCITS Gold and Precious Metals Fund at South River Asset Management, as well as multi-asset and fixed income funds. She also worked previously at junior investment banks Dundee Securities, Ocean Equities (now Pareto Securities) and GMP as a mining specialist in equity sales and has raised over US\$500 million in debt and equity related finance for junior mining in the UK and Canada, covering projects worldwide.

Amanda is former Executive Chairman of Women in Mining UK, sponsored by Rio Tinto, Anglo American and Glencore. During her mandate, she re-launched Women in Mining UK into a globally recognised brand and network, increasing membership from 170 to 1700, and conceived, authored and published the first business case for women on boards in the mining industry following the completion of a 3-year study of the top 500 mining companies in the world.

[www.ArchEMpartners.com](http://www.ArchEMpartners.com)

**Sean Sargent** *Chief Executive Officer*  
Green Lithium

Sean joined Green Lithium as Chief Executive Officer in January 2021. He trained as a Maritime Civil Engineer and is a Fellow of the Institution of Civil Engineers. Sean has worked in process and infrastructure programmes, predominantly in the nuclear industry, for the last 30 years. During this time, he was the Site Director at Berkeley Nuclear Power Station and Programme Director for a programme to retrieve, process and store intermediate level radioactive waste. For many years, Sean has worked for Jacobs Engineering where he led the nuclear new build business, the defence business and post-acquisition integration teams.

[www.greenlithium.co.uk](http://www.greenlithium.co.uk)

**J.T Starzecki** *Chief Marketing Officer*  
5E Advanced Materials

J.T. is a global business executive, with extensive experience in the junior mining and minerals space focused on market development, capital raising, project finance, business strategy, and product placement. Prior to joining 5E Advanced materials, he was the Chief Marketing Officer for Anglo American Crop Nutrients, focusing on building the largest greenfield fertilizer mining operation around the world. J.T. has been a Board Advisor/Member to various junior mining companies focused on various minerals including, Gold, Magnesite, Kaolin, Tungsten and Nickel.

[www.5eadvancedmaterials.com](http://www.5eadvancedmaterials.com)

**Mark Pohlmann** *Managing Director*  
MFE Magnesium For Europe

Investment banker, asset manager, and investor with >30 years experience in developing and financing companies. Ex Head of Investment Banking Division at UBS Germany and Jefferies Germany. Co-Founder of Vorsprung Advisory GmbH.

**Albrecht von Kempis** - GM - Strategy, Sales & Marketing

Experienced executive with more than 30 years of experience in industrial minerals and Dolomite. Ex-CEO of OMYA Switzerland AG.

[www.mfe-europe.com](http://www.mfe-europe.com)

# SPONSORS/SPEAKERS

## Global Mining Finance Conference - 2024



### **Alain Corbani** *Portfolio Manager - Head of Mining*

Montbleu Finance



Alain Corbani joined Montbleu Finance in July 2023 as Head of Mining and Natural Resources and portfolio manager of the Global Gold & Precious fund. Prior to joining Montbleu Finance, Alain held the same roles with FINANCE SA. From November 2008 to July 2013, he was COO of Commodities AM and portfolio manager of the same precious metal fund. His active management style relies on the fundamental analysis favoring a stock picking approach with a savant dose of opportunism, and constructive contrarianism. Prior to managing portfolios, Alain worked for 17 years as a Sell-side analyst and investment banker, notably with RBC Capital Markets. He has developed an expertise in North American equity investing and financing of mining companies. Alain holds an MBA in International Management from George Washington University (USA).

[www.montbleu-finance.fr](http://www.montbleu-finance.fr)

### **Ari Sussman** *Executive Chairman of the Board*

Collective Mining



Having dedicated the majority of his career to the natural resources industry, Ari Sussman currently serves as Executive Chairman of the Board of Collective Mining Inc., a mineral exploration company focused on acquiring and developing mining projects in Colombia. From 2010 until March of 2020, Mr. Sussman was the Founder, Chief Executive Officer and Director of Continental Gold Inc. Under Mr. Sussman's leadership, the Company raised almost \$1 billion and discovered more than 11 million ounces of high-grade gold and silver at the Buriticá project in Antioquia, Colombia. After completing construction of the mine in early 2020, the Company was sold to Zijin Mining, one of the world's largest diversified mining companies, for total consideration of approximately C\$2 billion. Today, the world-class Buriticá mine is the most modern and largest operating gold mine in Colombia with annual production of more than 250,000 ounces of gold. Mr. Sussman was born and raised in Toronto, Canada and is married with three children.

[www.collectivemining.com](http://www.collectivemining.com)

### **Randy Smallwood** *President & Chief Executive Officer*

Wheaton Precious Metals



Randy Smallwood was involved in the founding of Wheaton Precious Metals and is currently the company's President & CEO. Before being appointed President in January 2010 and then CEO in April 2011, he served as Executive Vice President of Corporate Development, primarily focused on growing the company through the evaluation and acquisition of streaming opportunities. Prior to Wheaton Precious Metals, Mr. Smallwood was the Director of Project Development at Wheaton River Minerals Ltd., his role through its 2005 merger with Goldcorp. Mr. Smallwood was an instrumental part of the team that built Wheaton River / Goldcorp (since merged with Newmont) into one of the largest, and more importantly, one of the most profitable gold companies in the world, and he is now focused on continuing to add to the impressive growth profile of Wheaton Precious Metals. Mr. Smallwood holds a geological engineering degree from the University of British Columbia and a mine engineering diploma from the British Columbia Institute of Technology. He also served as Chair of the World Gold Council from 2020 to 2023.

[www.wheatonpm.com](http://www.wheatonpm.com)

### **Conference Moderator - Andrew Dacey** *Momentum Group*

Andrew Dacey is an experienced geologist and mining analyst with over 20 years' experience in the resource sector in all major commodities and across six continents. In 2002 he discovered the Golden Hills 3.3Moz Au-equivalent project in Mongolia and in 2003 worked on the initial discovery of the +4Moz Aueq Palmarejo deposit in Mexico. In 2005 he co-founded Lydian International (TSX:LYD), now developing the 5Moz Au Armulsar project in Armenia. He graduated with a degree in Geology from Victoria University, New Zealand and completed a Masters of Economic Geology at CODES, Tasmania, Australia. He is a Fellow of the IOM3, a Registered Professional Geologist and a CP/QP under the JORC and NI 43-101 reporting codes.

[www.mmtm-group.com](http://www.mmtm-group.com)



TSX:CNL  
OTCQX:CNLMF  
FWB:GG1



COLLECTIVE  
MINING

## Multiple Porphyry Discoveries Along a 4.5 km Strike

Notable drill results include:

- ▶ Apollo: 519.10m @ 2.74 g/t AuEq
- ▶ Trap: 632.25m @ 1.10g/t AuEq
- ▶ Olympus: 202.35m @ 2.16 g/t AuEq

Founded by the team that developed and sold Continental Gold to Zijin Mining for approximately \$2 billion.

Colombia, a country open for business: 6 mining licenses granted in past 19 months.



Guayabales  
and San Antonio  
projects

Caldas, Colombia



@CollectiveMini1



Collective Mining

www.collectivemining.com



Low-carbon lithium refinery developer

## PROBLEM

Forecast global undersupply of lithium chemicals

## SOLUTION

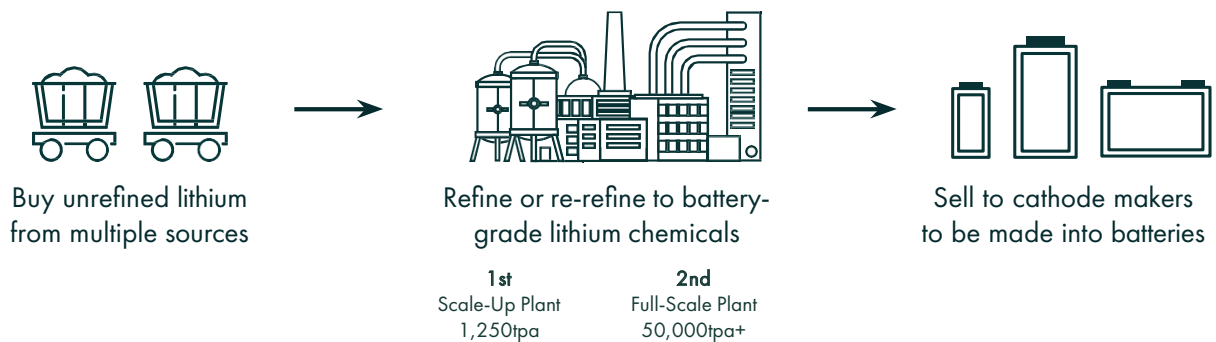
Rapid low-carbon lithium refinery deployment

## OPPORTUNITY

Exceptional investor returns, support in preparing to build



## OUR PRIMARY BUSINESS MODEL



Our first refinery will act as a gateway to larger deployment – our second refinery will supply **50,000 tonnes per year, 6% of the under-served European market, enough lithium for 1 million EVs**

### FAST INTERMEDIATE-SCALE DEPLOYMENT



Unlocking the bottleneck by taking feed materials from across the world, whilst ensuring input/output flexibility

### LOW-CARBON, SUSTAINABLE FLOWSHEET



Transforming CO<sub>2</sub>-intensive processing with market-leading ESG credentials and deploying circular economy IP

### PROVEN DELIVERY-FOCUSED TEAM



Proven, delivery-focused team of employees and external partners has a track record of infrastructure delivery



## Who we are

### 5E Advanced Materials, Inc.

5E Advanced Materials, Inc. (Nasdaq:FEAM) (ASX:5EA) is positioned to become a vertically integrated global leader in BORON+ advanced materials with a focus on enabling decarbonization. BORON+ products target critical, high value applications within electric transportation, clean energy, food and domestic security. 5E's advanced materials business is underpinned by its low cost, light environmental touch boron resource in Southern California, which is designated Critical Infrastructure by the U.S. government and serves as the largest known new conventional boron deposit globally. 5E's resource quality, domestic supply source, and downstream processing capabilities provide a competitive advantage given customer product specifications, scarcity of resource, and reliance on unstable, international supply.

There is an increasing call for a new stable source of BORON+ as U.S. and rest of world demand accelerates and 5E is strategically positioned to answer this call.

We are in the Right Place, at the Right Time, with the Right Asset.

## OUR MISSION

### Build a Global Leader in BORON+ Advanced Materials

#### 5E Strategic Vision

Become a vertically integrated global leader in BORON+ advanced materials with a focus on enabling decarbonization.

#### Our Plan

Build a vertically integrated advanced materials business, underpinned by a low cost and secure input supply, downstream processing capabilities and blue chip customer Partnerships.

#### Our Impact

Enable global decarbonization and the push for net zero by developing innovative BORON+ applications, and providing a secure source of BORON+ advanced materials to global supply chains.

[www.5eadvancedmaterials.com](http://www.5eadvancedmaterials.com)