



DESIGNING, SCALING & ACCELERATING AMERICA'S CRITICAL MINERAL FUTURE

Because mineral security is national security

WHO WE ARE

GreenMet Innovation enables economies of scale for the production of critical minerals and metals. Energy transition targets, manufacturing needs, and regulatory uncertainty have created challenging conditions and strained supply chains. GreenMet Innovation explores new and adaptive ways to de-risk mining projects and create value in every step of the supply chain. By lending industry and technical expertise to critical mineral companies of any size, GreenMet Innovation is accelerating the growth of the industry by bolstering production in North America to meet an exponential rise in demand. With decades of collective experience, we partner with project sponsors, mine owners, and technology leaders to advance projects from conception to completion to create an unshakeable domestic supply.

WHAT WE DO



Emerging Technology Incubation

We bring the critical minerals industry into the 21st century by fostering advancements in new technologies and supporting client projects from conception to completion.



Supply Chain Alignments

GreenMet Innovation facilitates partnerships across the entire critical minerals supply chain, connecting producers, processors, manufacturers and more to optimize flow.



Innovative Solution Validation

We use our cross-industry expertise to provide strategic recommendations for clients that can be applied across the critical mineral industry to improve the efficiency, environmental impact and economics of a U.S. supply chain.

GET IN TOUCH

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A STRONG, SECURE AND UNSHAKABLE SUPPLY CHAIN

MINING

Extracting mineral containing material (ore) from the earth, or occasionally other sources such as tailings or waste piles.

REFINING

Removing impurities from concentrates after processing and rendering the contained minerals into a relatively pure state for commercial application.

MANUFACTURING

Fabricating the metals and alloys into components or finished goods.

PROCESSING

Processing mined ore to separate the valuable minerals from the waste, often resulting in the production of a “concentrate.”

METALLURGY

Purifying metals, including in the “processing” or “refining” stage, and forming alloys.

FINAL PRODUCT



ELECTRIC VEHICLES

Lithium
Cobalt
Nickel



SMART PHONES

Terbium
Dysprosium
Indium



RENEWABLES

Tellurium
Arsenic
Indium



SEMICONDUCTOR CHIPS

Gallium
Germanium

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Drew Horn | Founder and CEO

Drew is the former top U.S. official on strategic minerals and energy supply chain development. He is a highly regarded business leader and has served in the highest leadership assignments at The White House, Office of the Director of National Intelligence (ODNI), and the U.S. Departments of Energy and Defense. Previously, he was a strategic management consultant at one of the Big Four consulting firms. He served as an Officer with distinction in the U.S. Army Special Forces and the U.S. Marine Corps. where he gained on-the-ground international minerals experience while serving in combat.



Ned Mamula | Chief Geologist

Dr. Mamula leads GreenMet Innovation. He has over 30 years of experience researching critical minerals, energy, and resources. He spearheaded numerous mineral assessments during his tenure with the U.S. Geological Survey and the Department of Energy. He is the author of "Groundbreaking! America's New Quest for Mineral Independence." His research has appeared in numerous scientific journals and his policy analyses have appeared in Forbes, American Spectator, Real Clear Policy, U.S. News, Washington Examiner, National Review, Washington Times, Townhall, and The Hill.



Josh Tuohy | Chief Operating Officer

Josh is a skilled operational strategy and organizational development professional. As Chief Operating Officer, he ensures there is cohesive strategic direction and connectivity across GreenMet's three business verticals. Prior to joining GreenMet, Josh leveraged these skills to achieve organizational growth and legislative and grassroots success for a workforce development industry association. He oversaw a multi-year campaign to raise awareness about the multi-billion-dollar repair backlog stymieing economic growth in and around federally managed lands, including gateway and rural communities. These efforts led to new federal investment and public-private partnerships as part of a broad long-term strategy to restore America's national, cultural, and historic resources. He is a military veteran and Purple Heart recipient.