

MINERALS
MAKE
LIFE



May 24, 2018

Dear Joe,

When meeting with our members and touring active mining operations, I am regularly astounded by the pioneering ways modern-day miners use technology and data to make their operations safer, more productive and more sustainable.

An innovative spirit is not new to our sector. Hybrid Komatsu haulage trucks were first introduced to mining projects more than half a century ago and Komatsu is now a leading expert in the integration of [hybrid and electric powered technologies](#).

Nearly 70 years later, minerals mining remains on the cutting edge of technological innovation. Our members pilot new ways to improve productivity and worker safety. They demonstrate unparalleled ingenuity to find mineral deposits that were once inaccessible, all while reducing environmental impact.

DID YOU KNOW

[Press Release: House Passage of Minerals Security Amendment Recognizes Importance of Minerals to National Security](#)



NMA praised members of Congress for passing an amendment to the National Defense Authorization Act (NDAA), proposed by Rep. Mark Amodei (R-Nev.), which improves access to the raw materials needed to produce the equipment and technologies that keep our troops safe.

Read

Yet, few Americans are aware of modern mining practices—a challenge our industry is ready to take on. An [immersive website experience](#) created by Barrick Gold gives users a sense of how the mining sector is not only evolving, but leading innovative practices across the globe.

Here are three other ways minerals mining companies are redefining perceptions of our industry.

- [Freeport-McMoRan](#) uses drones equipped with high-tech cameras to survey and inspect different areas of a mine. By finding new ways to use emerging technology, Freeport-McMoRan is creating new career opportunities for the mining workforce. Read more [here](#).



- At [Rio Tinto](#)'s Resolution Copper Mine in Arizona, extra-durable sensors are being used to access vital deposits that are expected to produce 1.6 billion tons of ore over the next 40 years. These electronic sensors will centralize line of sight into the mining process and improve safety by remotely detecting mine conditions. Read more [here](#).

[Kinross Gold Receives the U.S. Mining Industry's Top Safety Certification](#)



Kinross Gold recently became the eighth NMA member company to receive its certification under the CORESafety® program. Find out how they are working to refine and improve safety systems.

[Learn More](#)



- [Barrick Gold](#) created its Underground Short Interval Control System (UG SIC) to improve its underground operations' productivity by enabling workers to see their tasks and track work progress all through a tablet. Read more [here](#).



Notions that categorize mining as an archaic industry that relies on outdated technologies and processes could not be further from reality. Unfortunately, [these misperceptions](#) remain prevalent among the American people and even among some of our policymakers.

It's time we share the story of modern mining and its contributions to an ever evolving society. Please [join us](#) in setting the record straight today.

Thank you,

Hal Quinn
NMA President and CEO



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