

GLOBAL RARE EARTH
MARKET SHARE

~15%

NUMBER OF
EMPLOYEES

220+

EST. STEADY-STATE
NdPr VOLUME (MET TONS P.A.)

6,000+

ORE GRADE
(RARE EARTH CONTENT)

8%+

PRODUCTION BEGINS
AT MOUNTAIN PASS

1952

MP MATERIALS ACQUIRES
MOUNTAIN PASS

2017

MP COMPLETES
STAGE I PLAN

2019

MP COMPLETES
STAGE II PLAN

2022

Rare Earths power the modern economy. They are essential components in a wide range of industrial, clean energy and information technology applications.

Mountain Pass's bastnaesite ore is one of the world's highest quality rare earth deposits. The mine started production in 1952 and was the dominant source of rare earth minerals in the world through the 1990s. More recently, Chinese rare earth production has grown to account for more than 80% of the global supply, and rare earth mining and processing stopped in the United States.

Since restarting production in 2017, MP Materials has emerged as a best-in-class, globally competitive rare earths producer. Today, we produce approximately 15% of the global supply of rare earths, currently in the form of an intermediate product—rare earth concentrate—that requires further processing in Asia. Following an ongoing modernization program to be completed in 2020, MPM will relaunch its onsite processing facilities—what we call our “Stage II”—forming the basis for a renewed, self-sufficient U.S. rare earth industry. MP Materials will domestically produce sufficient high-purity separated rare earth oxides—including lanthanum, cerium and neodymium-praseodymium (“NdPr”) oxide—to satisfy the entirety of U.S. demand.

The green technologies of the future—electric vehicles, wind turbines, drones, and more—depend on powerful rare earth (NdPr) magnets to turn energy into motion. With adoption rates of EVs expected to increase dramatically over the next few years, demand for NdPr is expected to rapidly outstrip supply. MP Materials is uniquely positioned to be a global low-cost producer of NdPr and to serve as an integrated Western producer of magnetic materials. Our mission is to lead America's next generation supply chain for these coveted resources.

MP Materials is committed to achieving this mission as the only sustainable, “green” rare earth operation in the world—state-of-the-art dry tailings technology, closed-loop water recycling, and on-site reagent production limit the environmental footprint of the processing facility, while the deposit lacks the significant radioactive presence that plagues other rare earth deposits around the world.

OUR MISSION MAKES CENTS



CLIMATE



ECONOMIC



NATIONAL



TRANSPORTATION

SECURITY