RARE EARTHS

ESSENTIAL TO TECHNOLOGY

Rare earth elements (REEs) have unique properties with few viable substitutes, making them essential to advanced technology. From AI and EVs to defense, semiconductors and robotics, REEs enable the powerful magnets, sensors and electronics behind modern innovation.

THE REEs BEHIND MODERN ROBOTICS[1]

Robotics is transforming supply chains. Behind every online purchase, robots locate, retrieve and move products through warehouses. REEs power the motors, sensors, machine vision and control systems that enable this automation, making robotics a growing source of long-term REE demand.

9 of 17 REEs
can play a role in modern robotics

60 Nd Neodymium | 59 Pr Praseodymium | 66 Dy Dysprosium | 65 Tb Terbium | 62 Sm Samarium
39 Y Yttrium | 63 Eu Europium | 68 Er Erbium | 70 Yb Ytterbium

PERMANENT MAGNETS

Nd + Pr | Neodymium + Praseodymium
High-strength permanent magnets used in robotic motors and actuators.

Dy + Tb | Dysprosium + Terbium
Helps magnets retain performance at high temperatures and resist demagnetization.

Sm | Samarium
Specialized samarium-cobalt magnets for extreme environments.

60 Nd Neodymium | 59 Pr Praseodymium | 66 Dy Dysprosium
65 Tb Terbium | 62 Sm Samarium

SENSORS & OPTICS

Er + Yb | Erbium + Ytterbium
Enables fiber lasers used in certain LiDAR systems that help robots see and navigate.

68 Er Erbium | 70 Yb Ytterbium

DISPLAYS

Eu | Europium
Produces bright red and blue light in displays and control screens.

Tb | Terbium
Produces bright green light for high-visibility displays.

Y | Yttrium
Provides a stable foundation for materials that produce light and color in displays.

63 Eu Europium | 65 Tb Terbium | 39 Y Yttrium

A GROWING STRATEGIC OPPORTUNITY

Rare earth elements are critical to advanced technologies, elevating the importance of miners outside China as supply chains diversify.

Sprott Rare Earths Ex-China ETF (Nasdaq: REXC) offers investors targeted exposure to rare earths companies outside of China, positioned to benefit from rising demand and investment in global supply chain realignment.

[1] Sources: Strategic Metals and REE Earth Exchanges. Applications vary by robot design and manufacturer.

An investor should consider the investment objectives, risks, charges and expenses of each fund carefully before investing. To obtain the fund's Prospectus, which contains this and other information, contact your financial professional, call 888.622.1813 or visit SprottETFs.com. Read the Prospectus carefully before investing. Funds distributed by ALPS Distributors, Inc.

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