



GreenMet

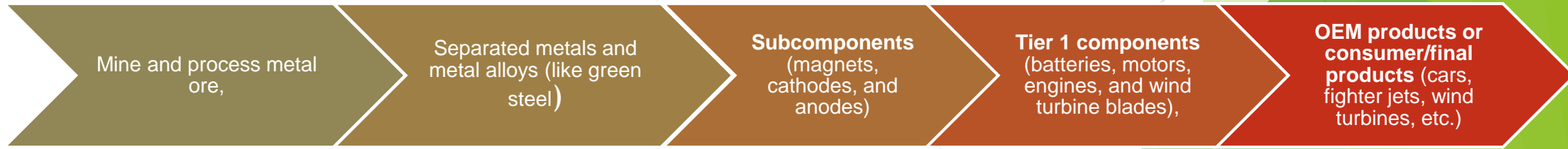
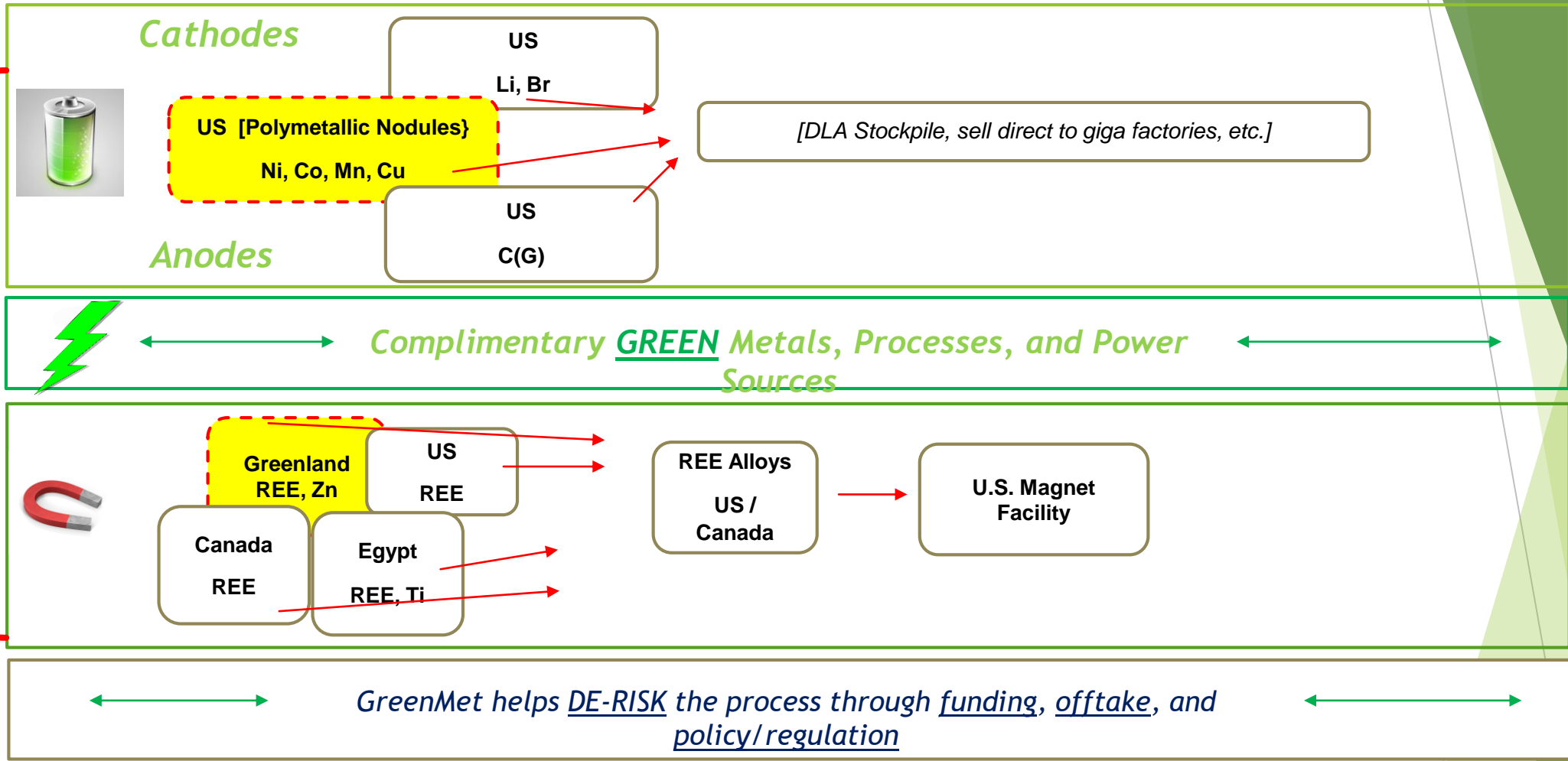
***Drew Horn -
President
and CEO of
GreenMet***



GreenMet

"The GreenMet Supply Chain"

Asset Categories



**Magnet materials and critical
minerals will define our future**



GreenMet

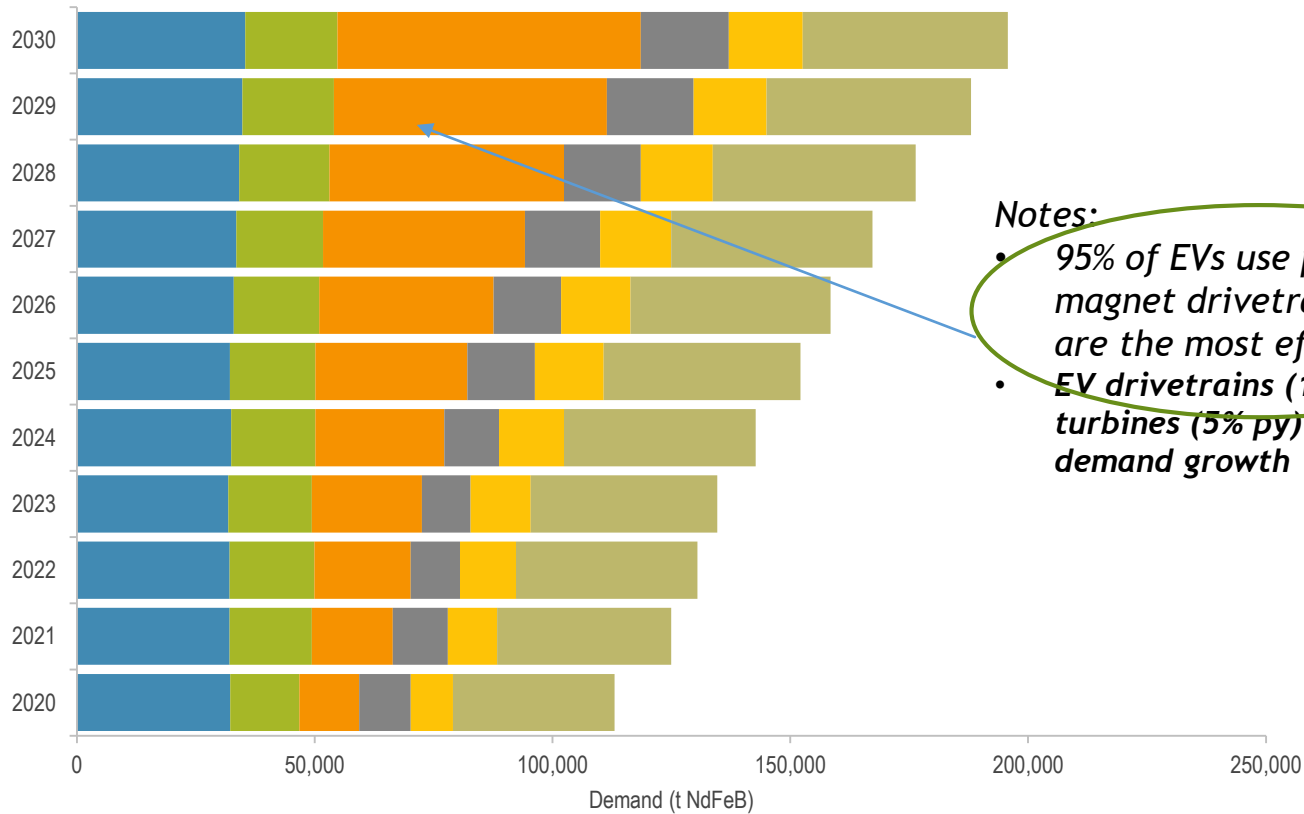
Magnet materials are part of virtually every product we use, and demand is set to skyrocket:

- ❑ Emerging & consumer technologies
- ❑ Renewable energy platforms
- ❑ National defense needs



Rare Earth Demand will Double Over the Next 10 Years

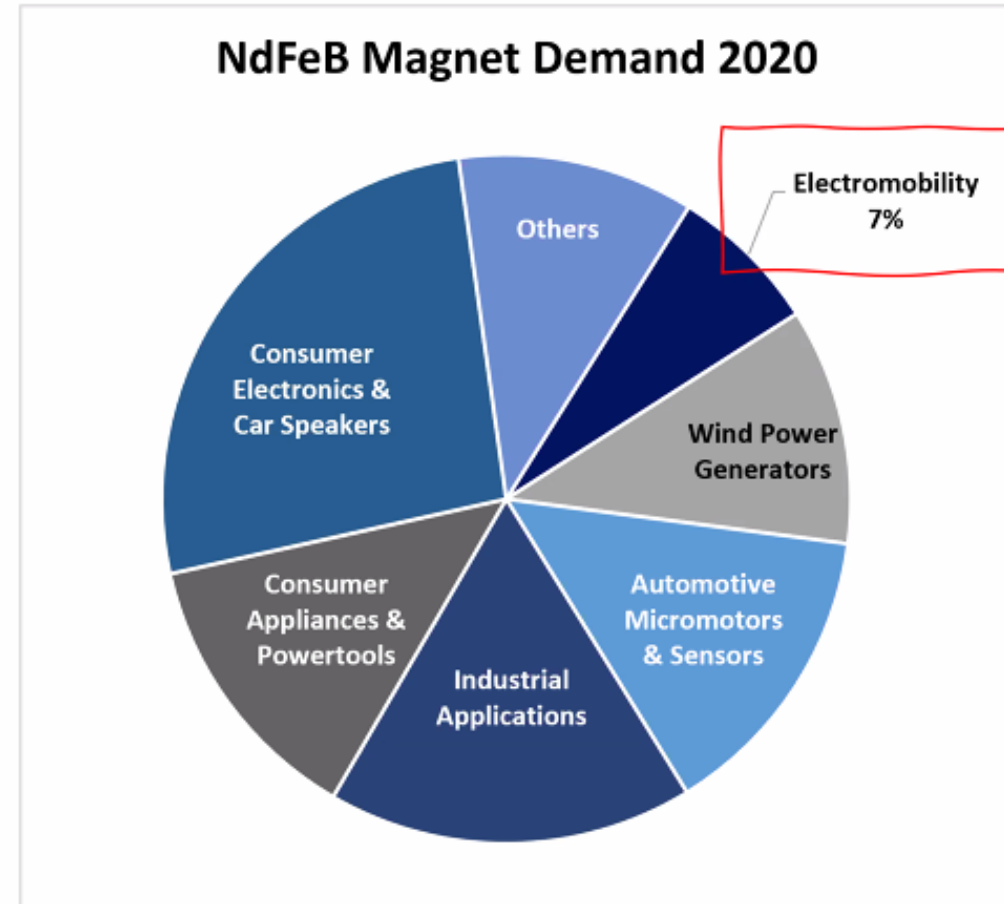
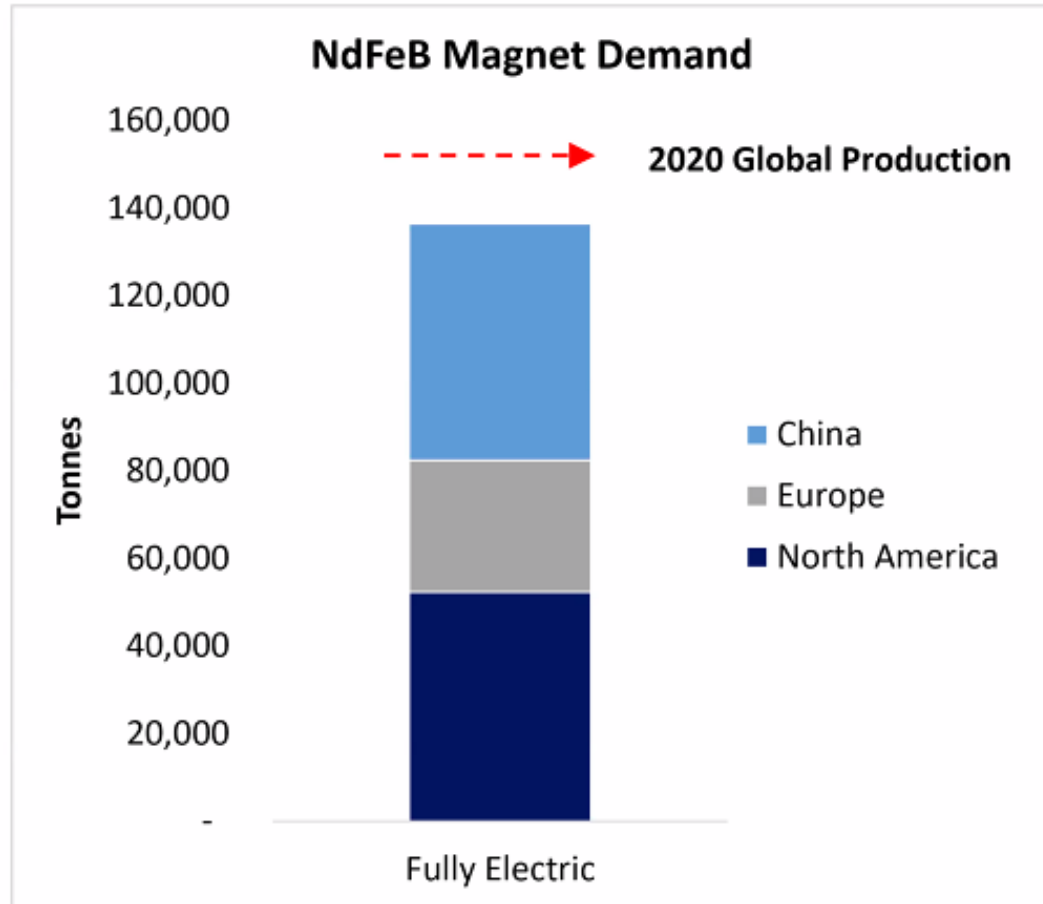
NdFeB Permanent Magnet demand by end-use application, 2020-2030 (t NdFeB)



Notes:

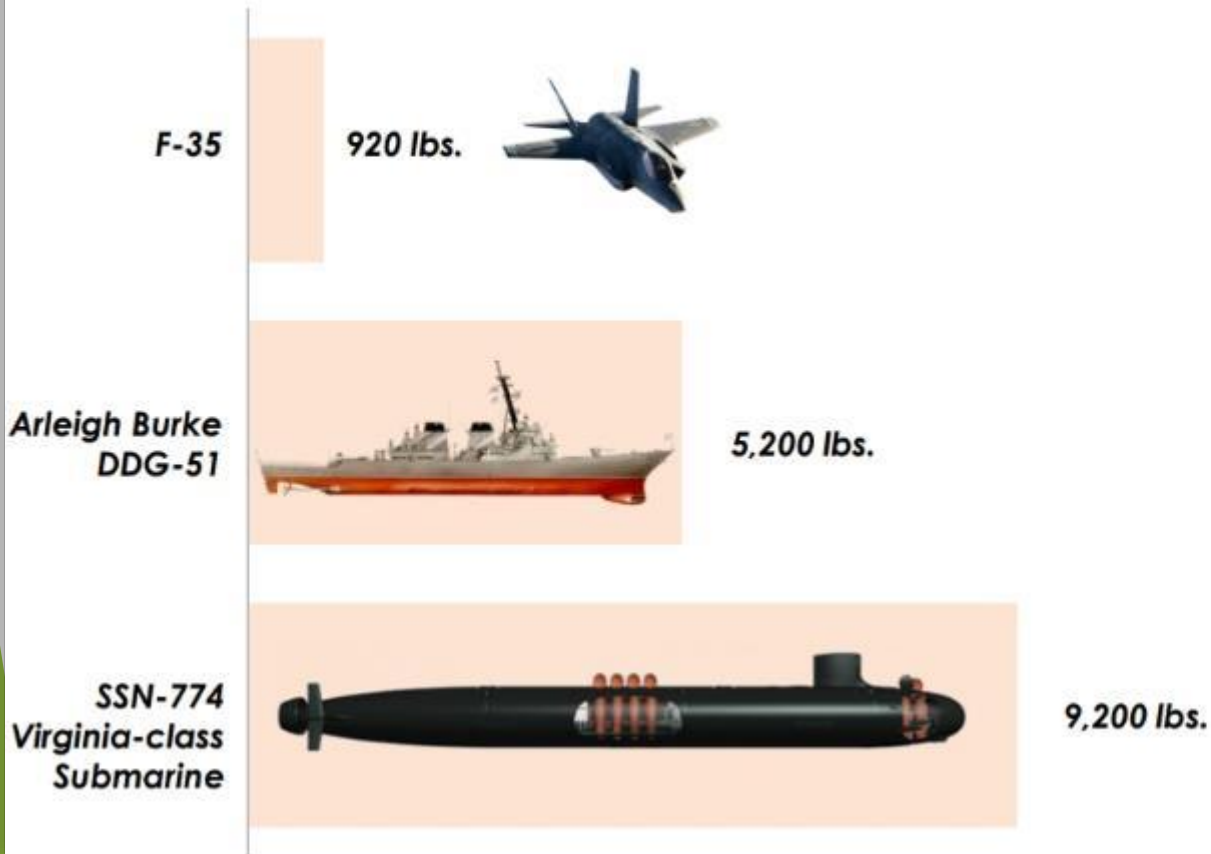
- 95% of EVs use permanent magnet drivetrain motors - they are the most efficient
- EV drivetrains (14% py) and wind turbines (5% py) to spearhead demand growth

Rare Earths Demand Growth

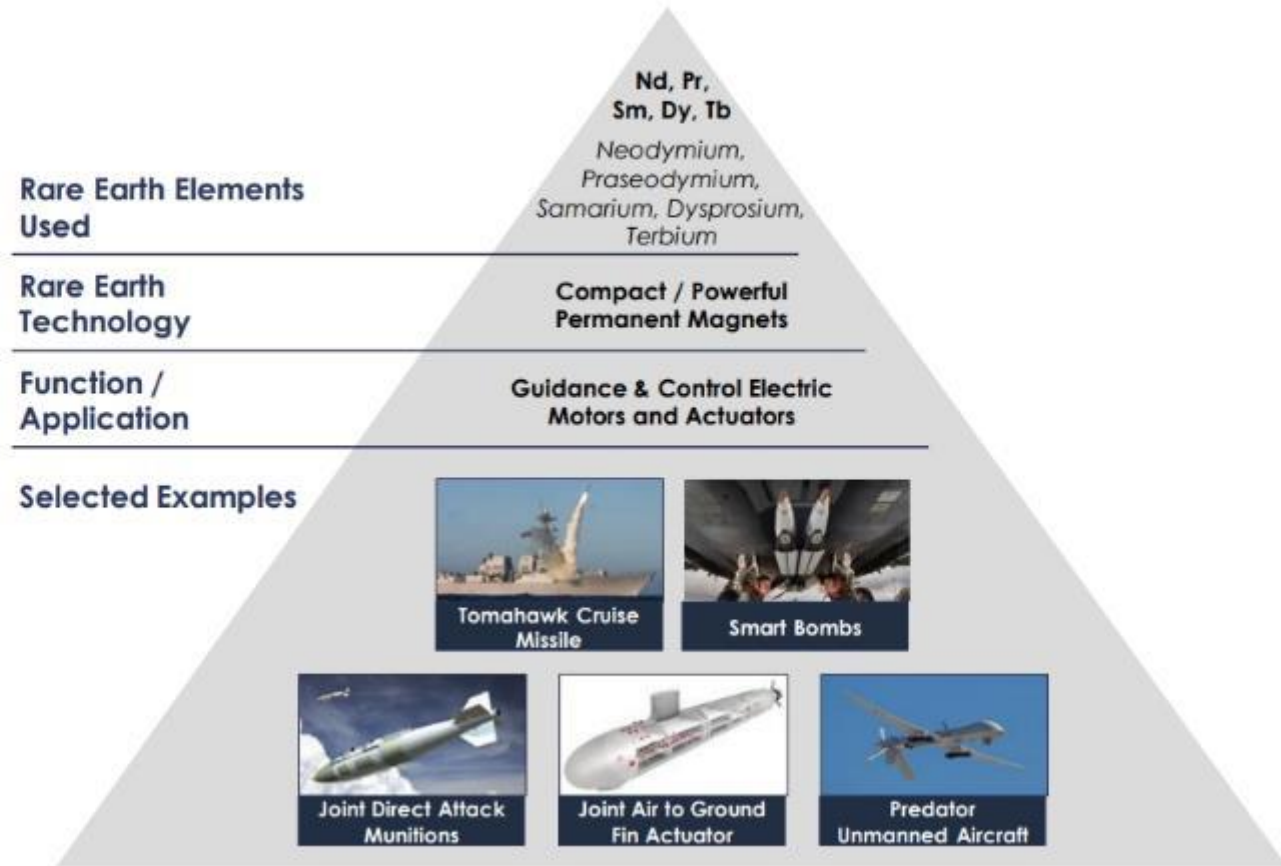


US National Security Implications

Rare Earths Usage by Weapons Platform
lbs



Select Rare Earth Defense Applications



We must be dedicated to building a **secure, reliable supply chain**

- ❑ The vulnerabilities are very real
- ❑ Fair competition and free market principles cannot be sustained without access to reliable sources and capability



Turning the Corner: Increased Support for Supply Development and Value Creation

- ❑ Growing US Government Interest & Key Drivers
- ❑ Renewables and defense are the hook
- ❑ Policy and prioritization in support of US supply chain
- ❑ Project debt financing
- ❑ Credits and support for US domestic manufacturing
- ❑ Source Tracing Requirements are coming
- ❑ Commercial and Financial Markets ready to engage



World ▾ Business ▾ Legal ▾ Markets ▾ Breakingviews ▾ Technology ▾ Investiga

January 14, 2022
5:35 PM EST
Last Updated 20 days ago

United States

EXCLUSIVE U.S. bill would block defense contractors from using Chinese rare earths

By Ernest Scheyder



GreenMet

The Future is Bright!

- ❑ The US Government must transition from obstacle to enabler in the magnet materials sector
- ❑ Transparency, Environmental and Social Responsibility will drive substantive change in supply chain solutions

