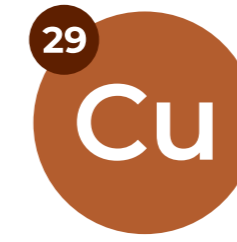
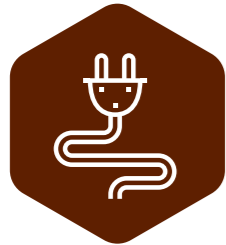


COPPER

THE GREAT CONDUCTOR & KEY TO A LOW-CARBON FUTURE

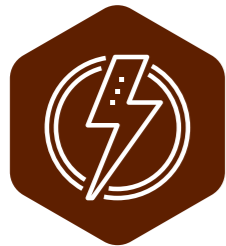


KEY PROPERTIES



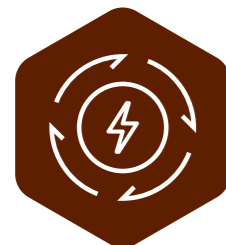
DUCTILITY

Cu can be easily shaped and bent for wiring



ELECTRICAL CONDUCTIVITY

Cu can easily and efficiently move heat and electricity



UNLIMITED RECYCLABILITY

Cu is 100% recyclable and can be used over and over without losing quality.

TECH SPOTLIGHT



WIND ENERGY

A single, 3-megawatts (MW) wind turbine contains up to

4.7 TONS OF COPPER

for cable, wiring, turbine, & turbine transformer.



SUPPLY CHAIN

2019 TOP PRODUCERS

-  1. CHILE
-  2. PERU
-  3. CHINA

2019 U.S. PRODUCTION

1.3 MILLION TONS (Cu)

of recoverable copper (up 6%), valued at

\$7.9 BILLION DOLLARS

DEMAND OUTLOOK

SOLAR ENERGY GROWTH

1.9 BILLION POUNDS

of Copper (Cu) will be needed to power

262 GIGA WATTS

of new solar installations in the U.S. by 2027.



LEARN MORE AT:

[EXSOLVETECH.COM](https://www.exsolvetech.com)

@EXSOLVETECH 

Sources:
<https://pubs.usgs.gov/periodicals/mcs2020/mcs2020-copper.pdf>
<https://www.visualcapitalist.com/visualizing-coppers-role-in-the-transition-to-clean-energy/>
Sovacool et al. Sustainable minerals and metals for a low-carbon future. Science 03 Jan 2020; Vol. 367, Issue 6473, pp. 30-33
<https://www.worldbank.org/en/news/feature/2019/10/15/delivering-green-growth>