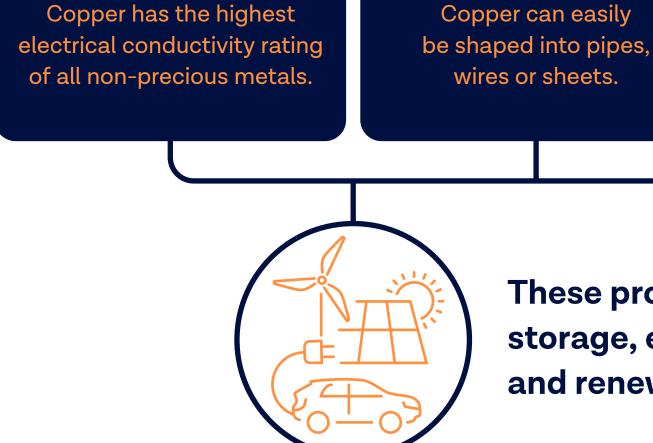


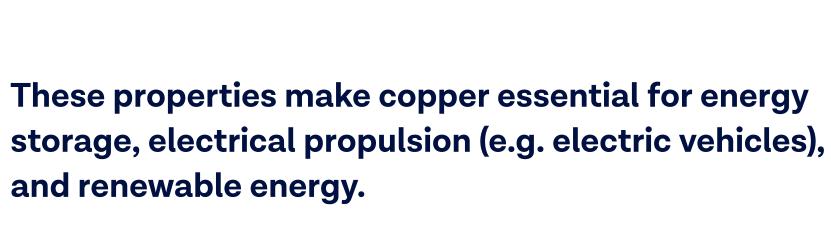
Why Copper? Copper has four key properties that make it

ideal for the clean energy transition:



**Copper Demand for** 

Conductivity



**Efficiency** 

Copper's thermal efficiency

is about 60% greater than

aluminum, so it can remove

heat far more rapidly.

Recyclability

Copper is 100%

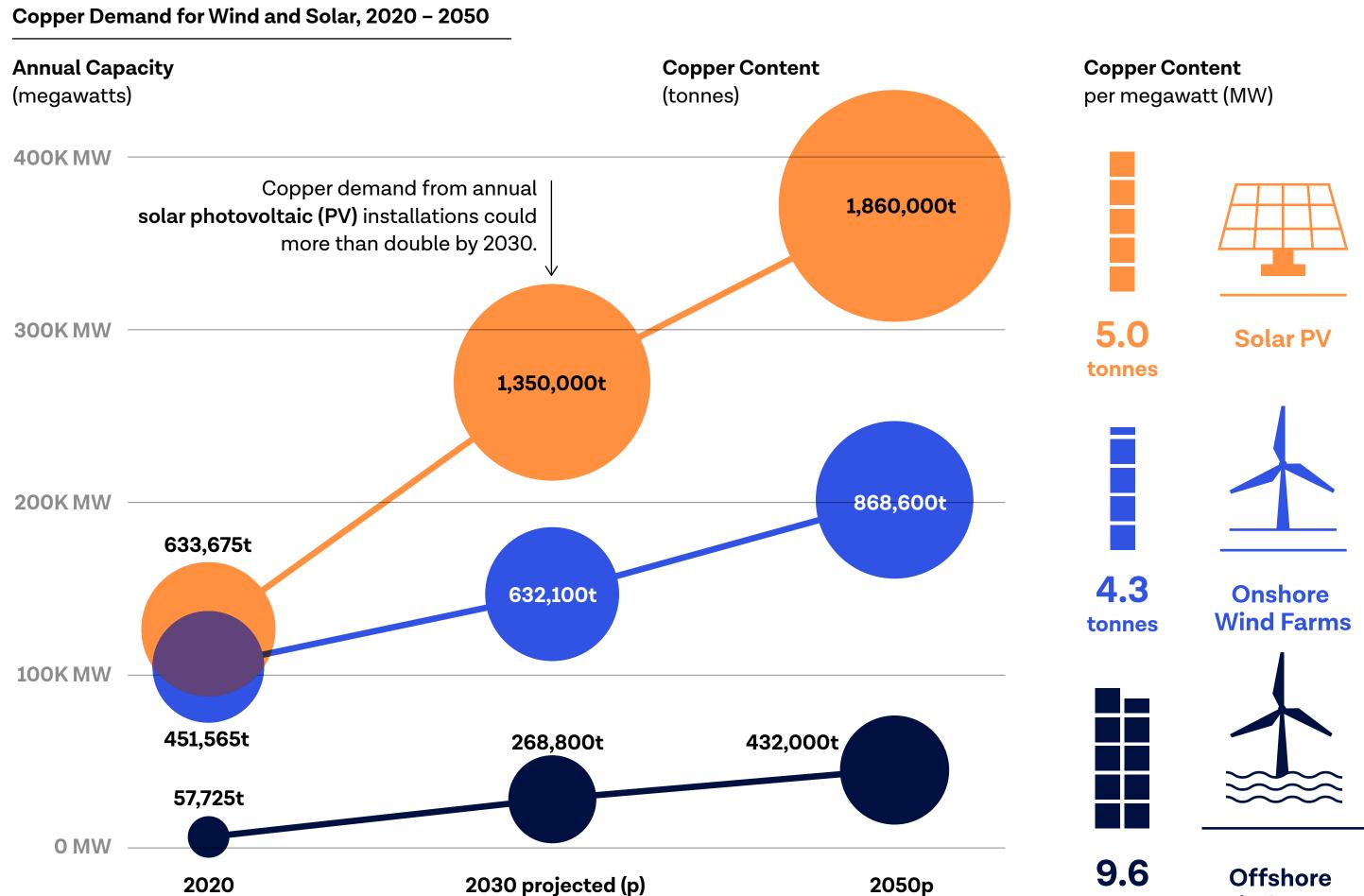
recyclable and can be

used repeatedly without

any loss in performance.

## Low-Carbon Technologies As the adoption of wind and solar technologies grows, so will the need for copper.

**Ductility** 



Sources: IRENA, Navigant Research, Copper Alliance

## Electric vehicles (EV) can require up to four EVs require copper in batteries, windings,

Copper Drives Electric Vehicles

**Copper Required** Copper Demand (Kt) 200

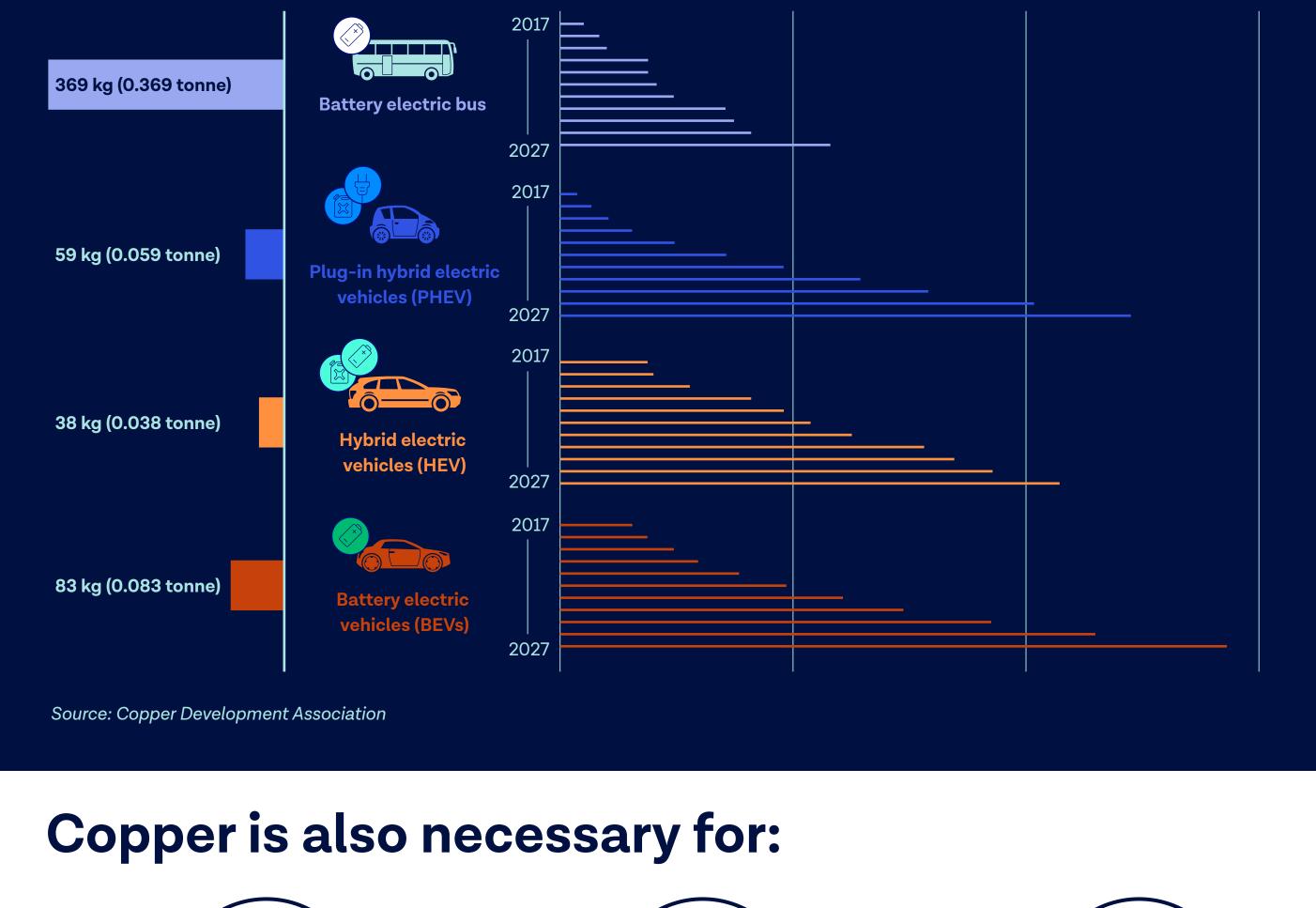
times as much copper as gasoline vehicles.

600 400

wiring, and charging infrastructure.

**Wind Farms** 

tonnes



High



produce electricity.

**Metal requirement** 



**Moderate** 

**ELECTRICITY** 



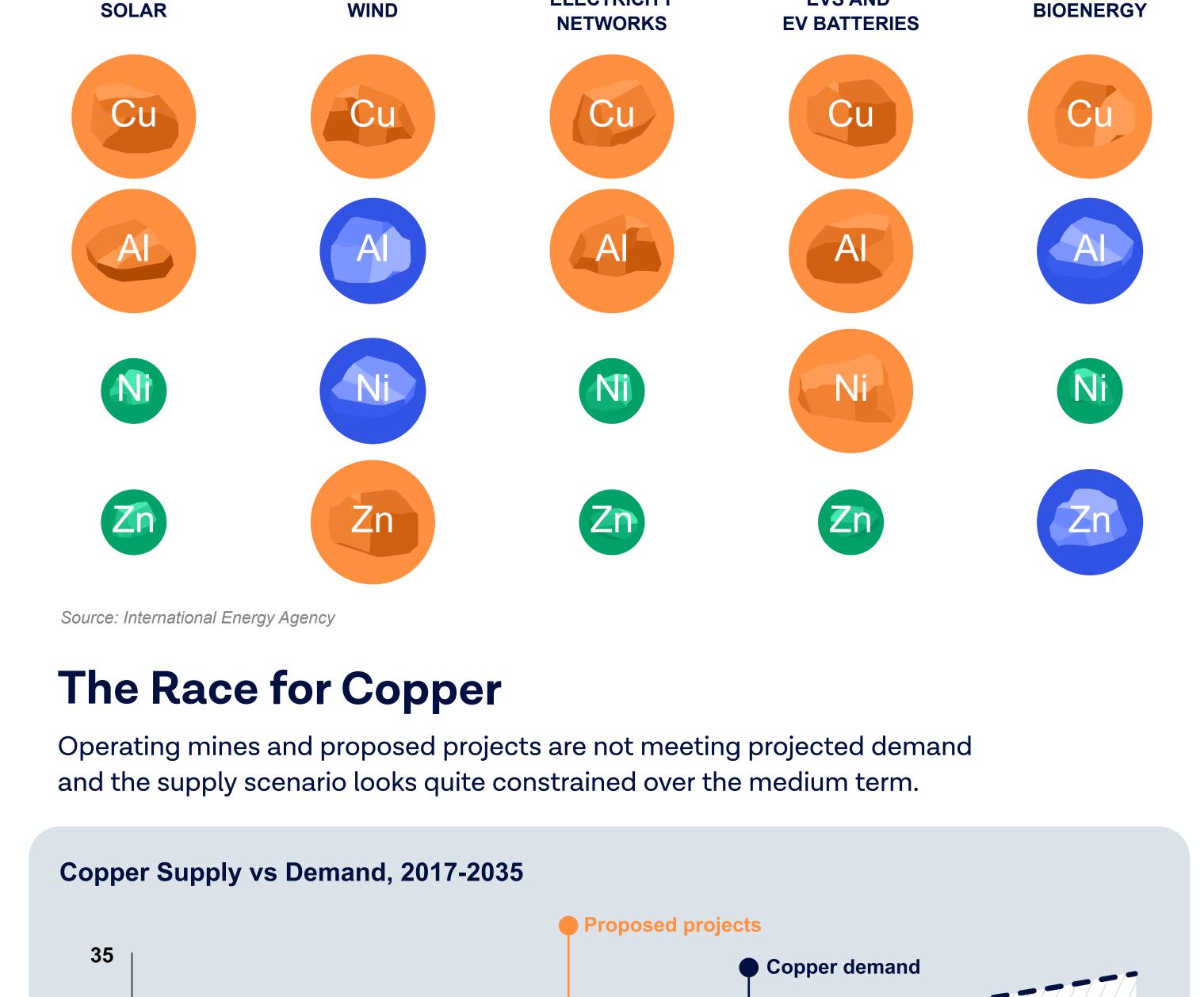
Supply gap

traditional energy systems.

**EVS AND** 

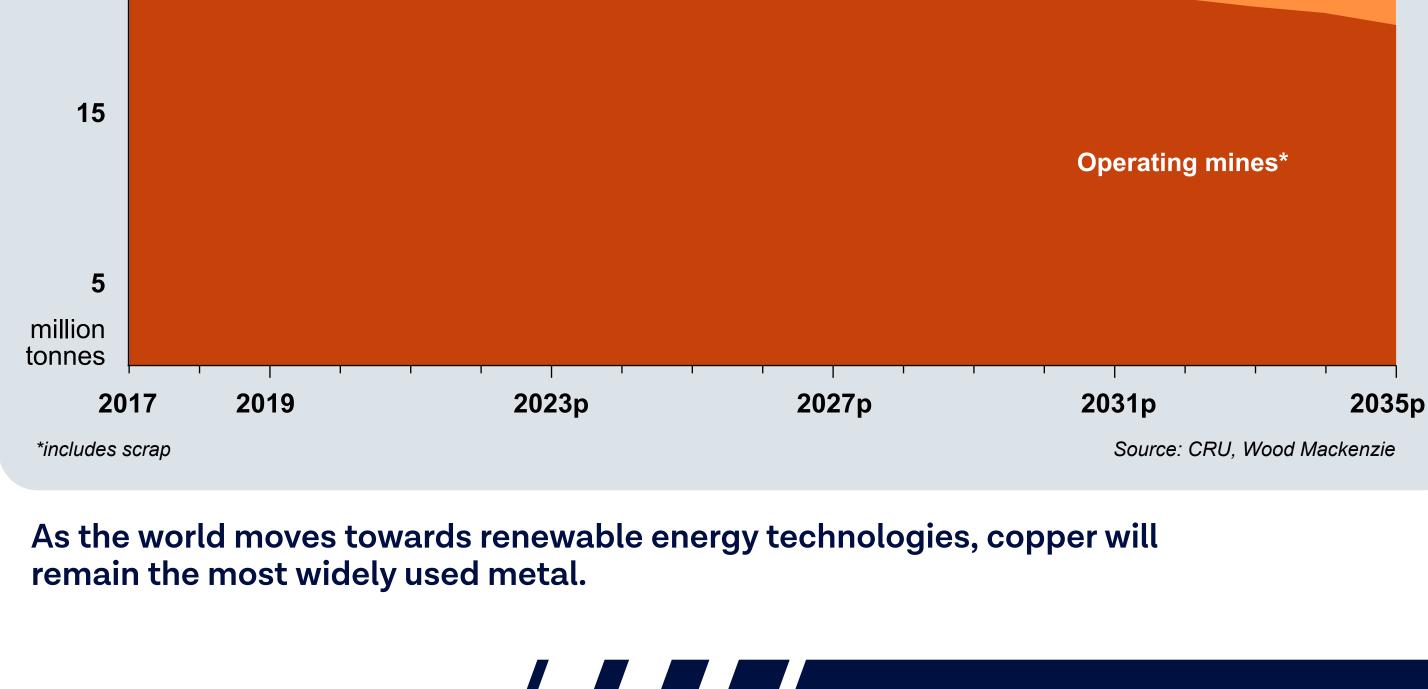
Low

**Electrical Infrastructure** 



25

15



Learn more about how copper is playing a key role in building the low-carbon economy. Teck teck.com NYSE **TECK** TSX **TECK.B** TSX **TECK.A**