## Twitter Thread by Market info





Copper:By 2050, annual copper demand from wind/solar technologies could exceed 3 mn tonnes or ~15% of 2020 copper production~Citigroup, global copper market is expected to be in a 521,000 tonne deficit in 2021.

@nishkumar1977 @kuttrapali26 @SouravSenguptal @AnInvesting

## **COPPER'S ROLE IN** RENEWABLE ENERGY

Copper is critical for renewable energy technologies with applications in cabling, wiring, heat-exchange, and more

GOVERNMENTS around the world are taking action to accelerate the energy transition.

Solar PL

868,600t

Offshore 4

2050

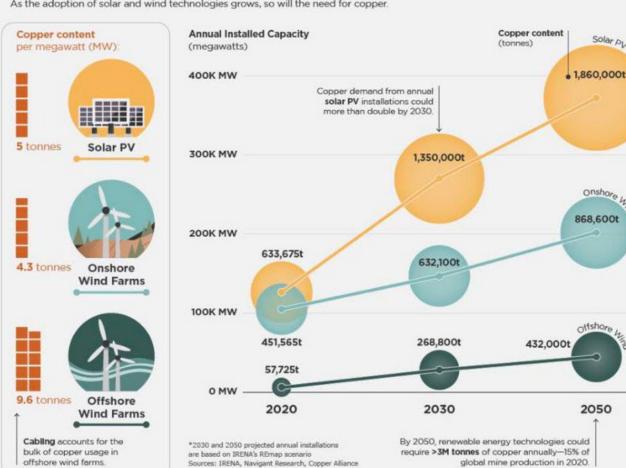
As of 2020, there were:

Cities with 100% renewable energy targets Source: REN21 1,852 Cities with climate emergency declarations

> >10,500 Cities with emission reduction targets

## The Copper Intensity of Renewable Energy

As the adoption of solar and wind technologies grows, so will the need for copper.



This demand represents just three technologies, and the overall copper market is expected to be in a >500,000-tonne deficit in 2021.

New copper mines and additional mining capacity will play a key role in meeting copper's rising demand.



