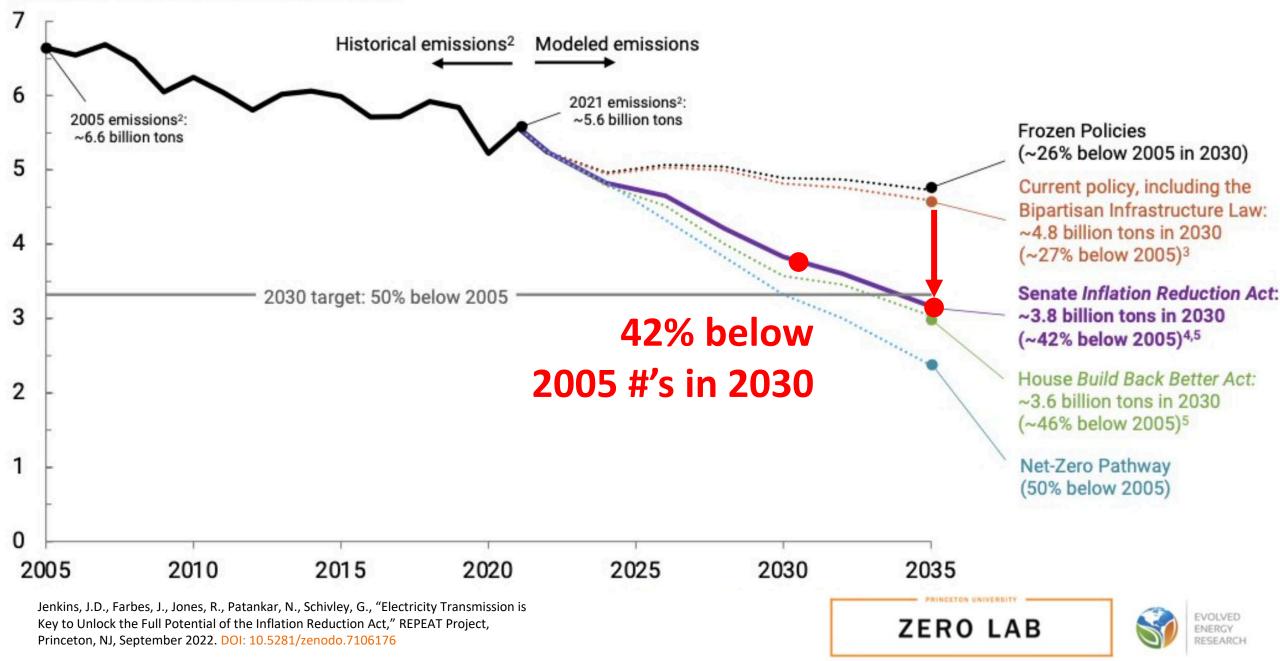


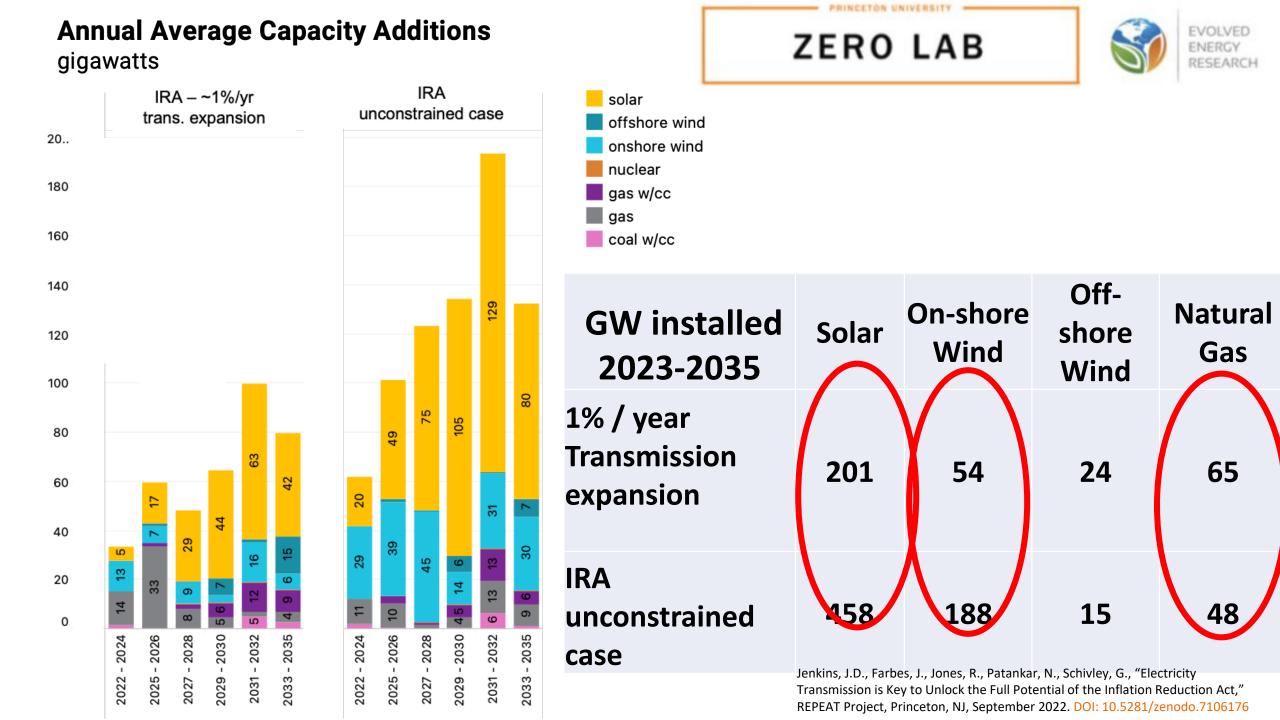
October 5, 2022

Greg Gershuny – Executive Director

### Historical and Modeled Net U.S. Greenhouse Gas Emissions (Including Land Carbon Sinks)

billion metric tons CO2-equivalent (Gt CO2-e)1



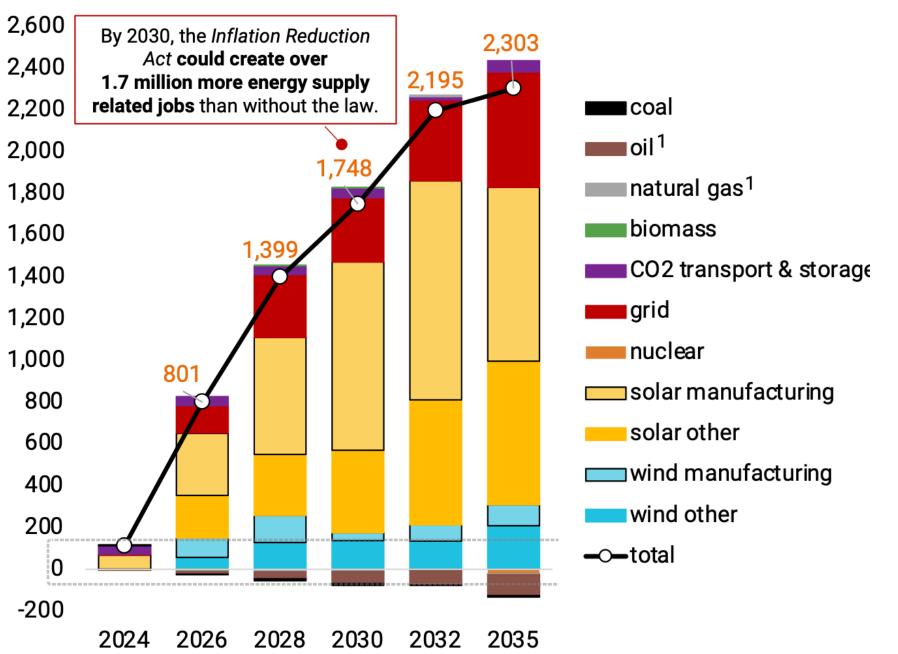


#### Change in Energy Supply-Related Employment vs No IRA Case (Bipartisan Infrastructure Law only)

thousand jobs

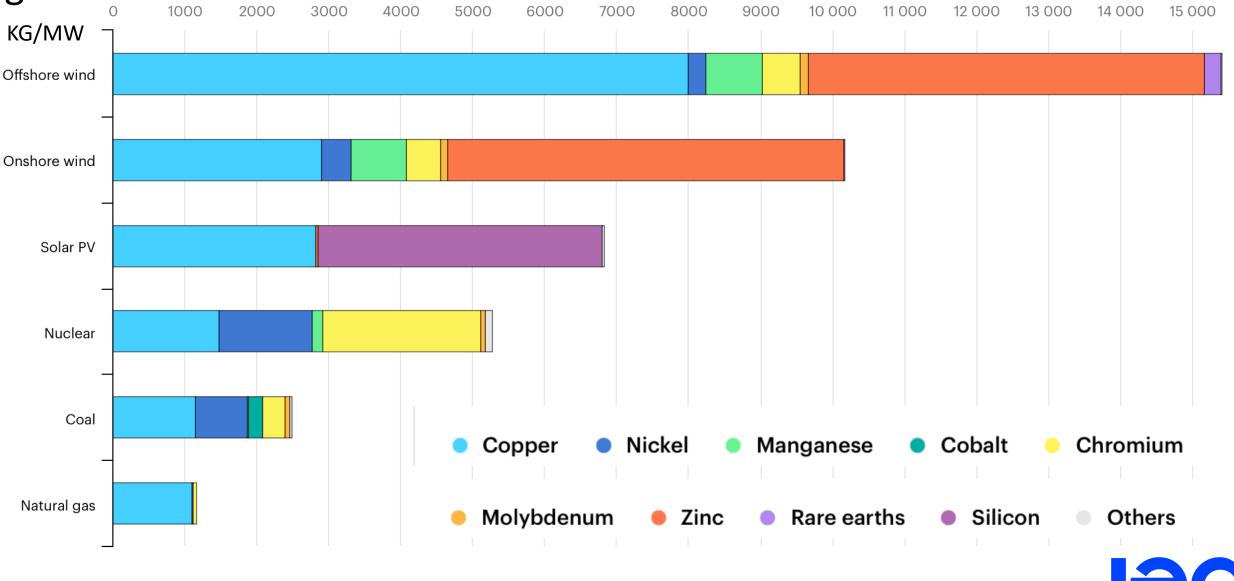
More than 2m ADDITIONAL jobs by 2035

Mostly in Grid, Solar, and Wind



### Minerals used in clean energy technologies compared to other power

### generation sources

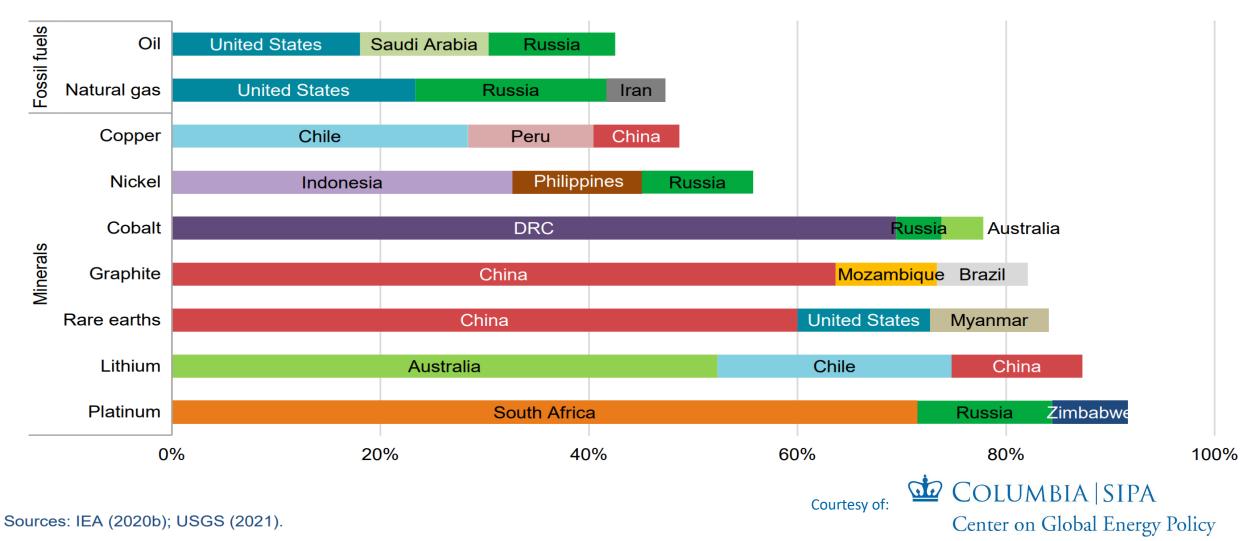


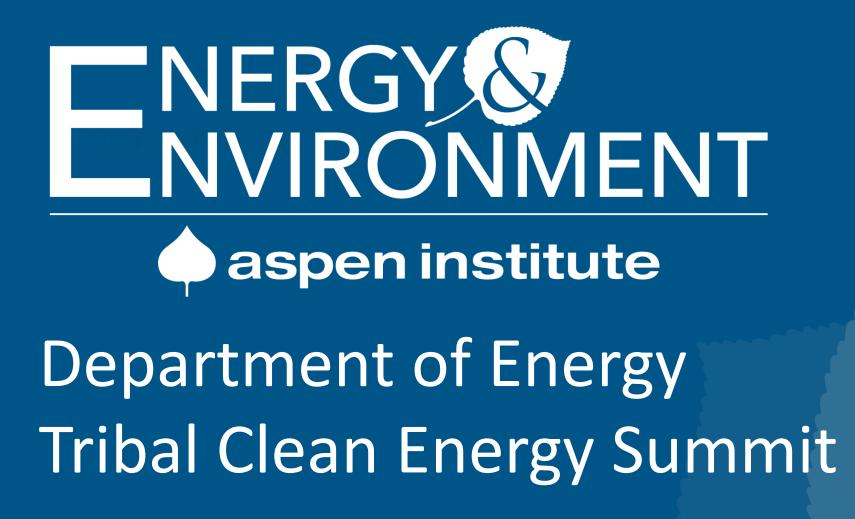
IEA, Minerals used in electric cars compared to conventional cars, IEA, Paris https://www.iea.org/data-and-statistics/charts/minerals-used-in-electric-cars-compared-to-conventional-cars

## Where are the key critical minerals found?

# Current production of many energy transition minerals is more geographically concentrated than that of oil or natural gas

Share of top three producing countries in total production for selected minerals and fossil fuels, 2019





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