Version 2.0

**Cost data**

IRENA - <https://www.irena.org/publications/2022/Jul/Renewable-Power-Generation-Costs-in-2021>

* Onshore wind
* Offshore wind
* Solar PV
* Concentrated solar power
* Hydropower
* Geothermal
* Bioenergy

BP - <https://www.bp.com/en/global/corporate/energy-economics/statistical-review-of-world-energy.html>

* Crude oil
* LNG
* Natural gas
* Coal
* Cobalt
* Lithium

IEA - <https://www.iea.org/data-and-statistics/data-product/energy-prices>

See Charlie Wilson, Swiertz et al. papers

Look into USGS for commodity prices

**Country-level data**

**New technologies**

CHAT database

Mitchell

**Other**

Update UNICEF vaccine metrics from coverage (percent of population immunized) to cumulative capacity by calculating number of doses (multiply by population, use UN data)

Some technologies from CHAT database that Mitchell also has data for (potentially longer time series, more countries) – check through that overlap and see if we want to swap out in favor of Mitchell data