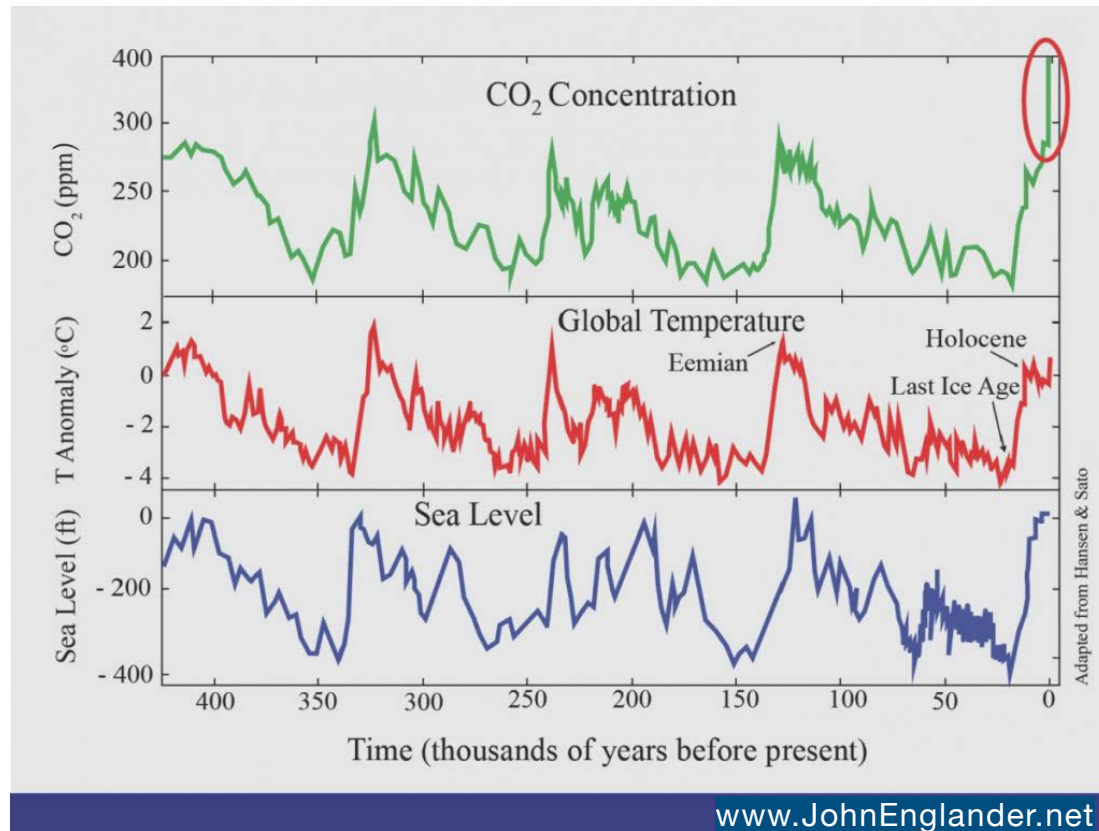


Global Warming

Carbon dating of recent increase in atmospheric CO₂ indicates that it is “old” from burning of fossil fuels. It always correlates with rising temperature and sea level.



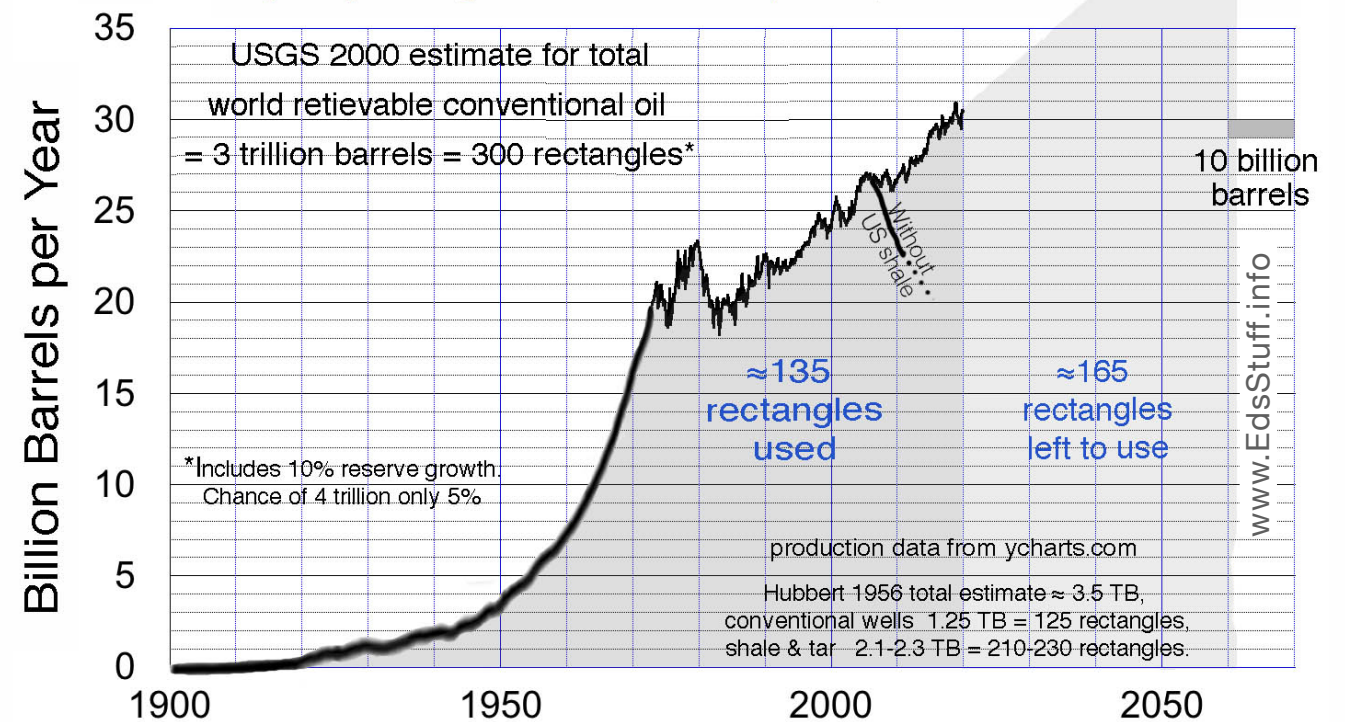
Peak Oil (put in Hubbert's shale)

World Oil's 3-4 Trillion Barrel Limit

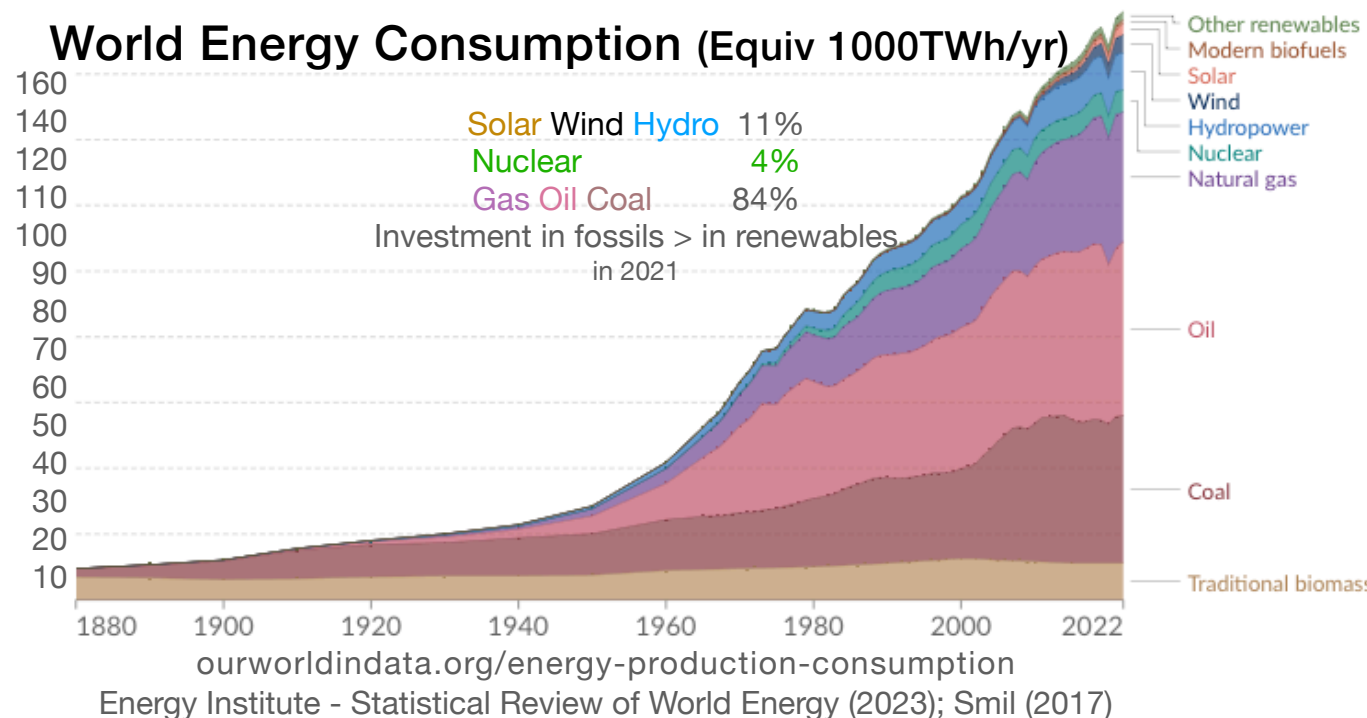
This is not a computer model. It is data + recent history.

The production curve has to come down with about 300 rectangles under it.

The 2020 trajectory could get to 2061 then totally crash, or if 4 trillion barrels to 2079.



World Energy Consumption (Equiv 1000TWh/yr)



5x if all in world had US per person consumption.

Peak oil worse than global warming

Peak oil poses three dangers,

- sudden loss of confidence in credit or “con” money
- governments threatened by economic stagnation
- military power to country with the most last oil

>80% of the money in circulation is from credit.

1929-1931 drop in money supply was only 25%.

2008 crash solved by replacing bad private debt with good government credit, and printing ≈\$3T dollars

Max renewables are nowhere near adequate

So there needs to be a lot of nuclear power.

3x by 2050 maybe achievable & promised by UN countries.

30x by 2050 needed or more. (≈150x if developing countries expand)