

Aker BP

Dr Paula Doyle, CDO 06.06.2024



The best way to predict the future is to study the past





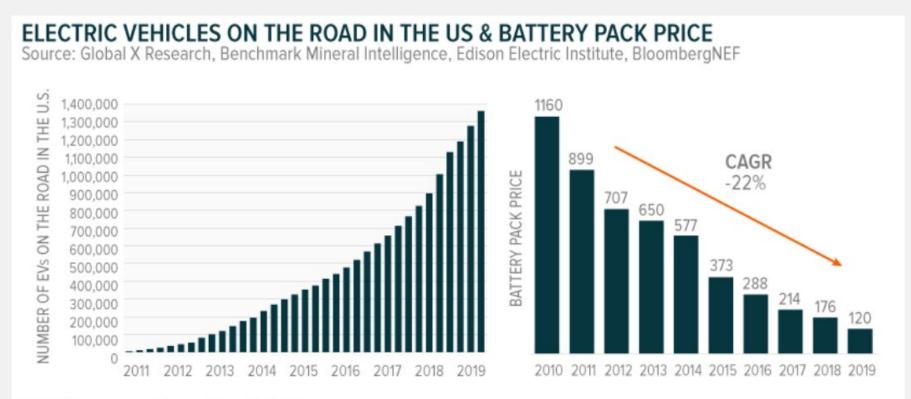








EVs gained ground on ICEs

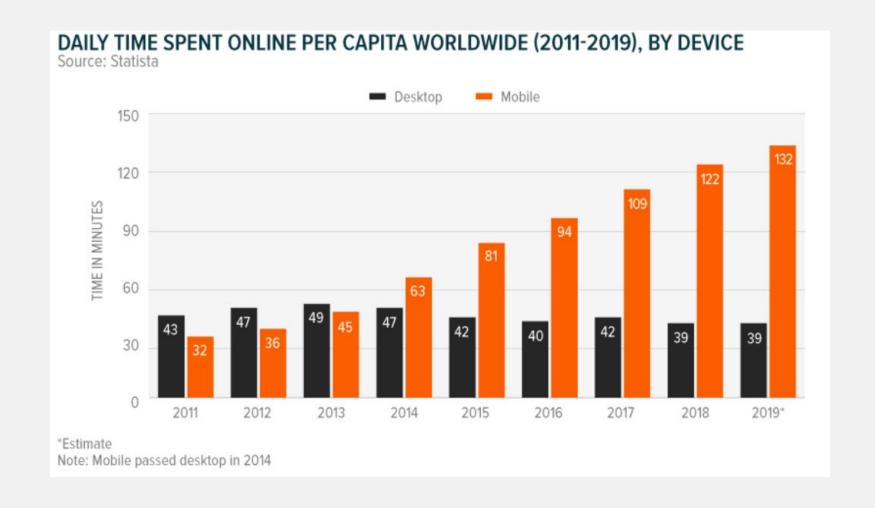


CAGR (Compounded Annual Growth Rate)

Note: From 2010 to 2018 numbers reflect real \$/kwh per BloombergNEF estimates and 2019 reflects Benchmark Mineral Intelligence estimates.



3G became 4G



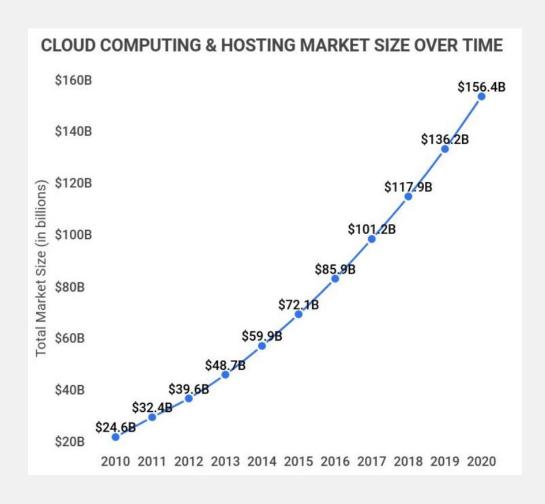


Data volumes expanded



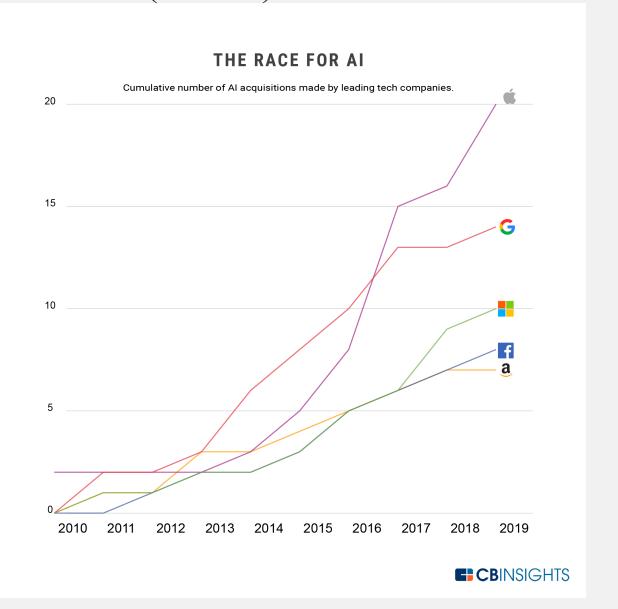


And that data rose from the basement to the cloud





And it transformed AI (or ML)





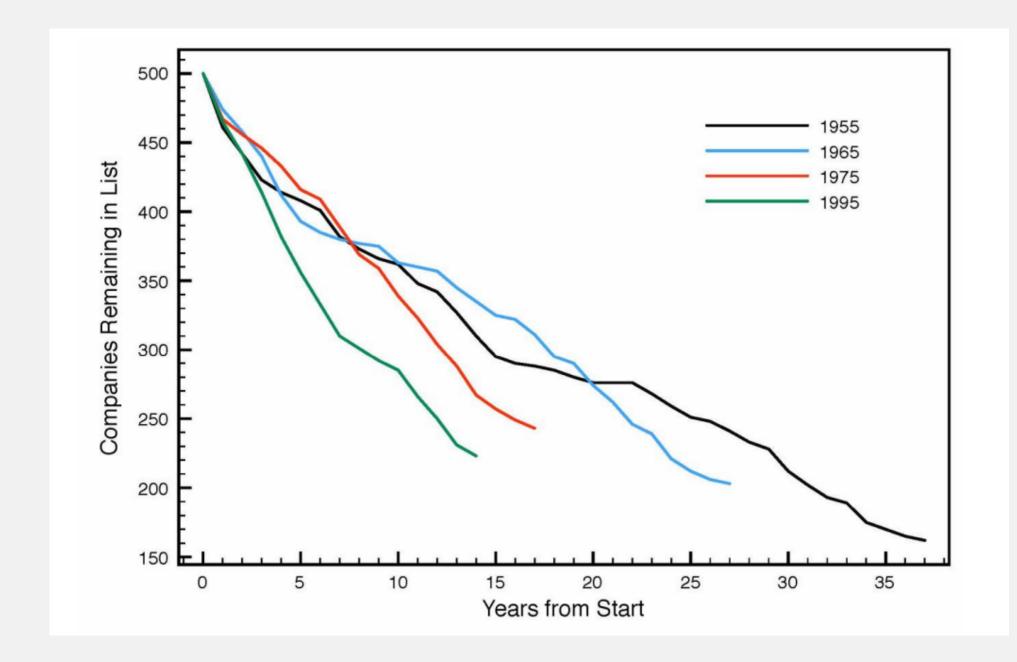
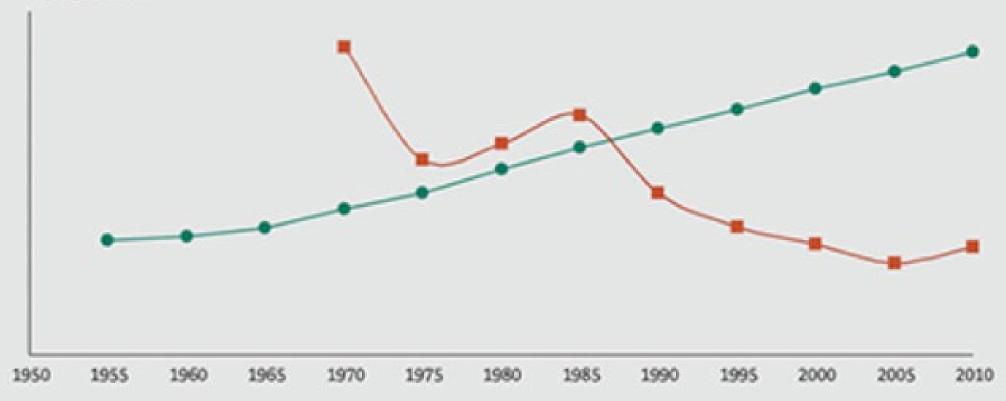




EXHIBIT 1 | The Evolution of Corporate Versus Human Life Spans





→ Human beings → Public companies²

Sources: BHI analysis; UN Department of Economic and Social Affairs, World Population Prospects: The 2012 Revision.

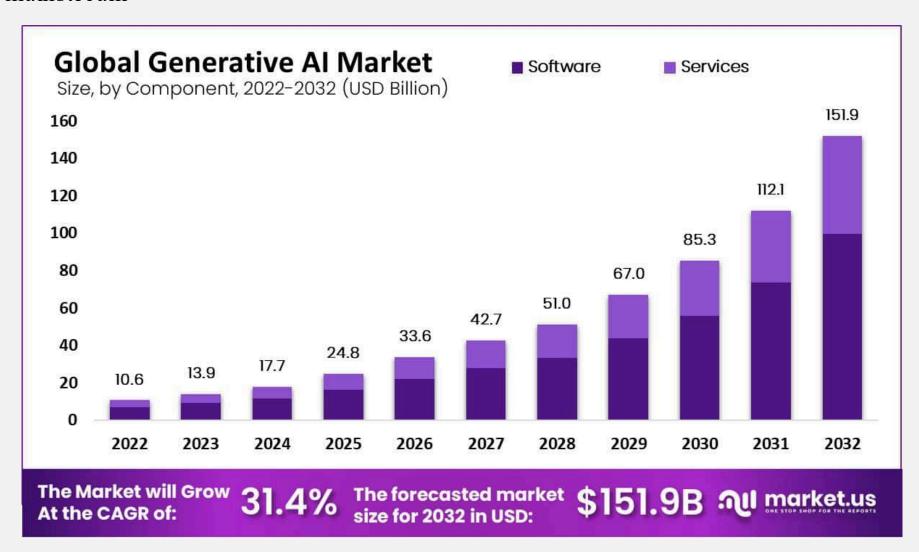
'Over the preceding five-year period; average weighted by number of exits per year.

'All Compustat companies listed on US stock exchanges that were matched with S&P Capital IQ founding year data.



Gen AI

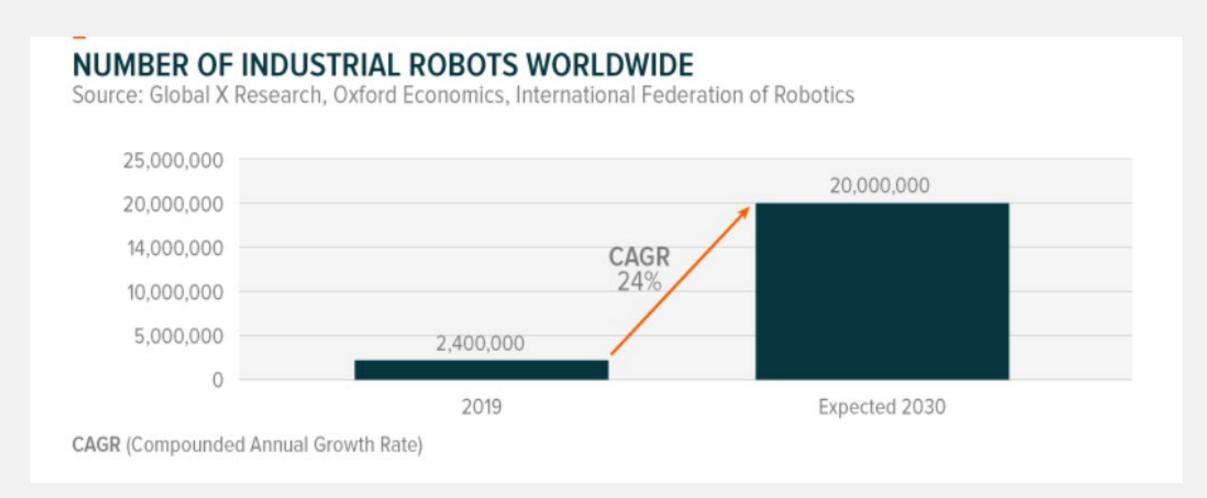
AI becomes mainstream





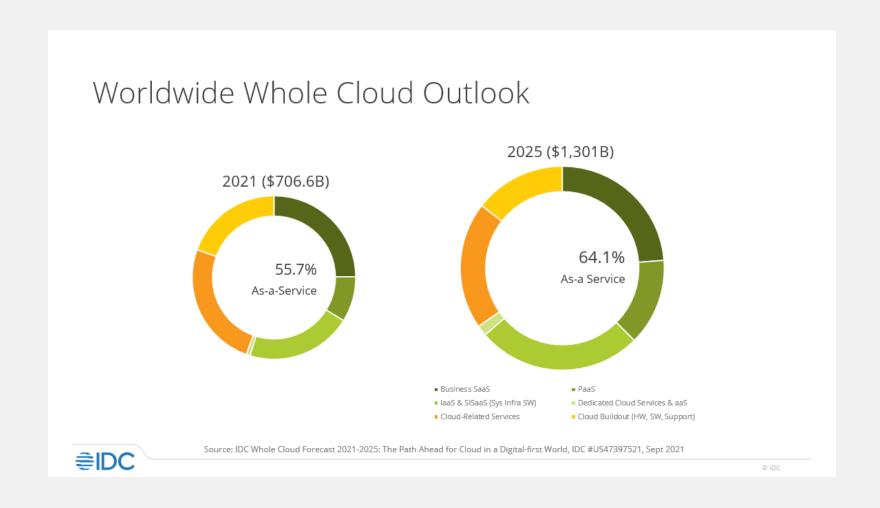
The next wave of automation

And their brains are on the cloud



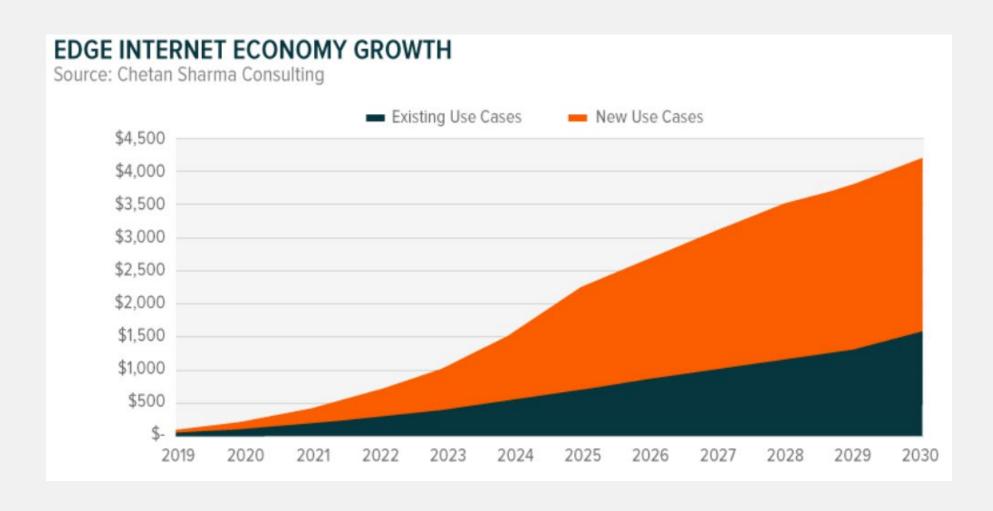


Cloud, cloud & more cloud



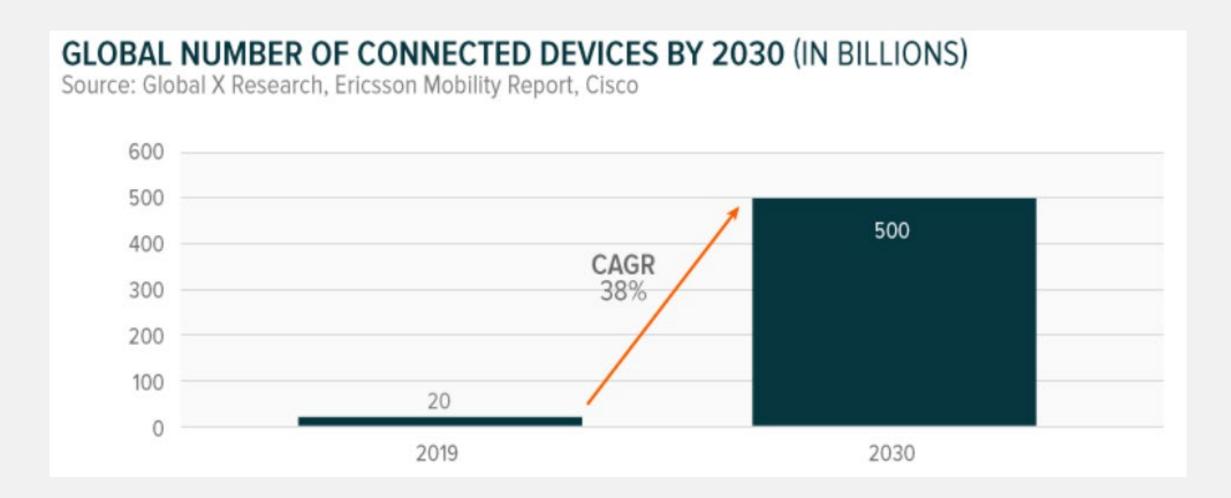


...and don't forget the edge





The Enormous IoT



World-class portfolio of producing assets

Large scale, low risk assets on the Norwegian Continental Shelf Global lowest CO2 intensity/barrel One of the global low-cost leaders



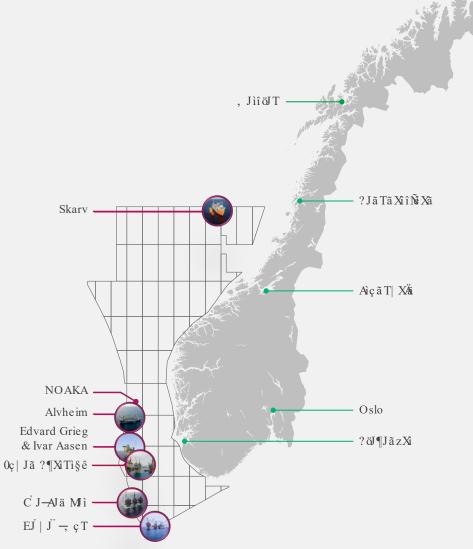












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Wisting



But..are you not a sunsetting industry with your best days behind you?

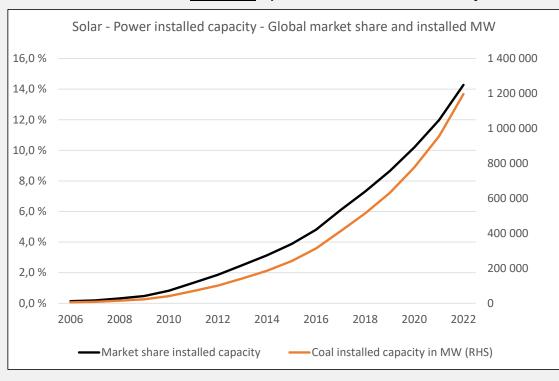
Our position

- 1. Renewables will take an increasing share of the energy mix
- 2. Absolute energy demand is rising, and will continue to rise.
- 3. O&G remains part of the energy mix for the foreseeable future (line of sight to 2050s).
- 4. The lowest-cost and lowest-carbon O&G producers will be the ones delivering the supply.

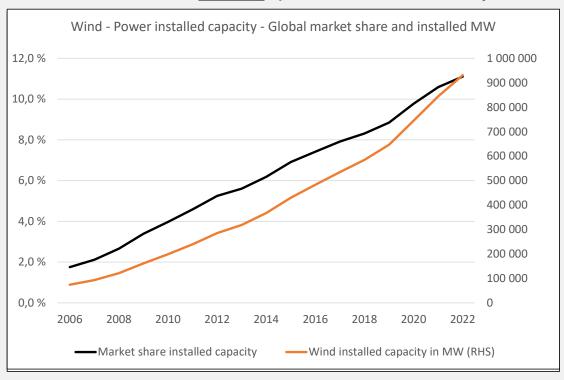
Solar & Wind

- Immense increase in installed solar & wind capacity

Global solar installed capacity up from 2% to 14% last 10 years



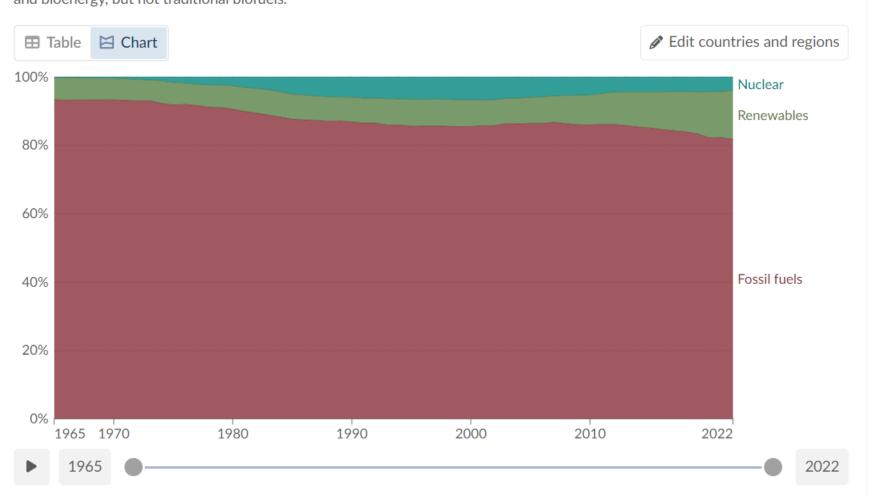
Global wind installed capacity up from 5% to 11% last 10 years

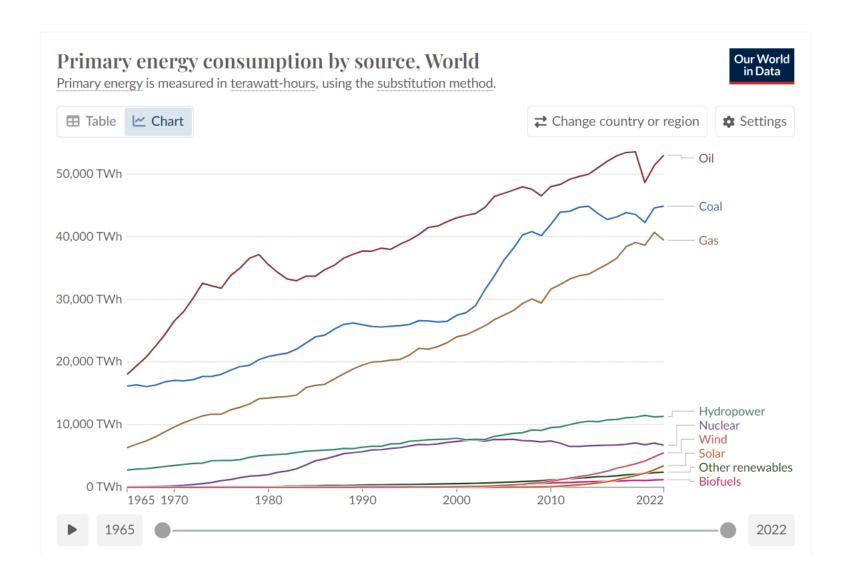


Primary energy consumption from fossil fuels, nuclear and renewables, World



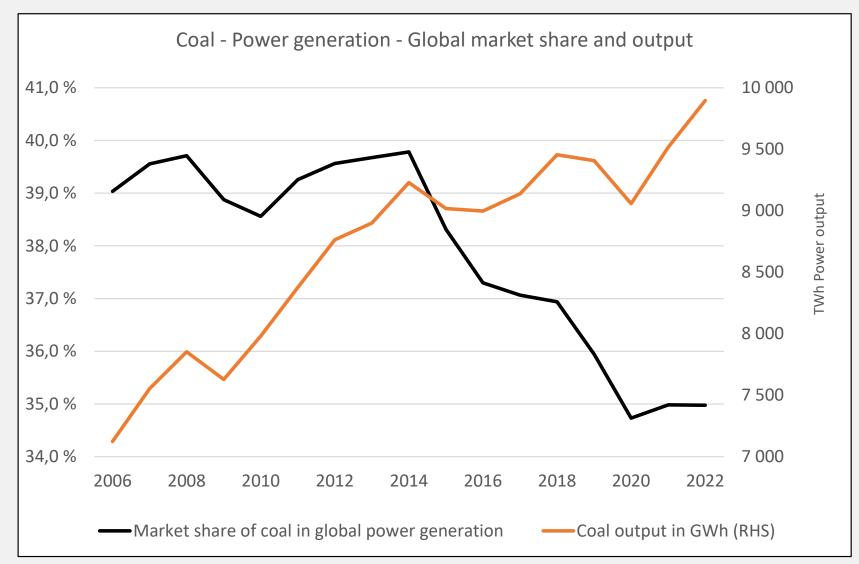
<u>Primary energy</u> is based on the <u>substitution method</u>. Renewables include hydropower, solar, wind, geothermal, wave and tidal, and bioenergy, but not traditional biofuels.



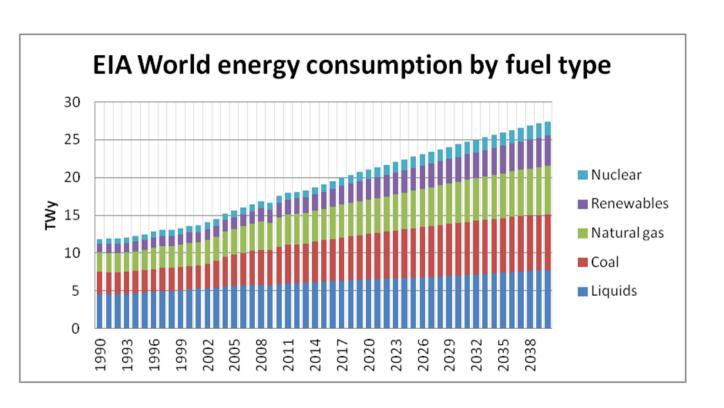


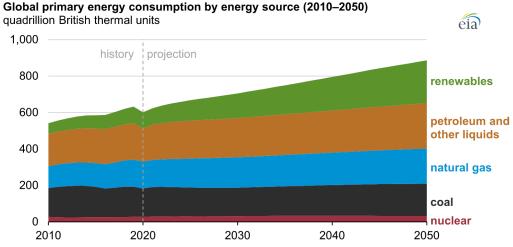
Global power production from coal continues to increase (a lot...)

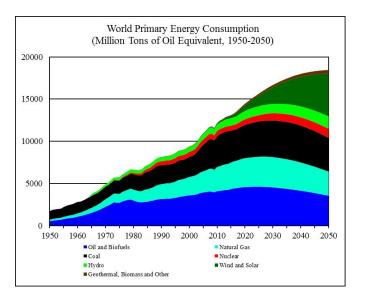
- Despite a drop in power output market share of 4-5% last 10 years, power output from coal increases fast



Global Energy Demand is Forecast to Rise

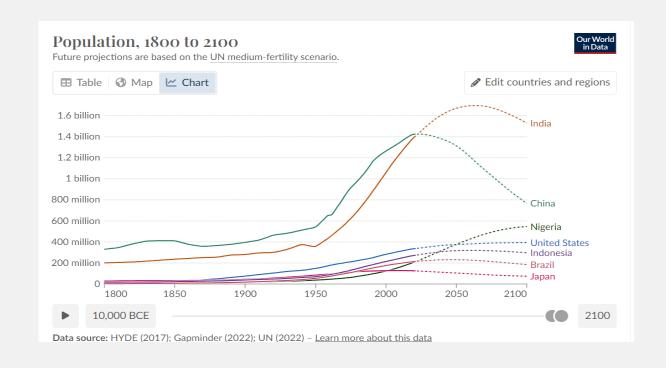


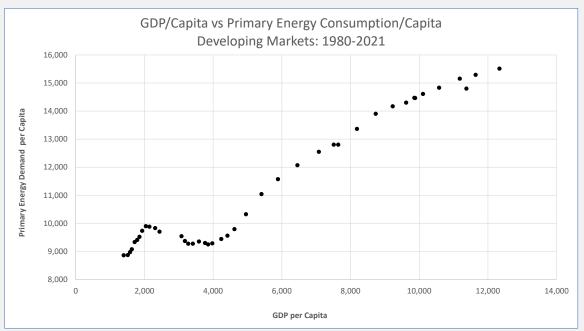




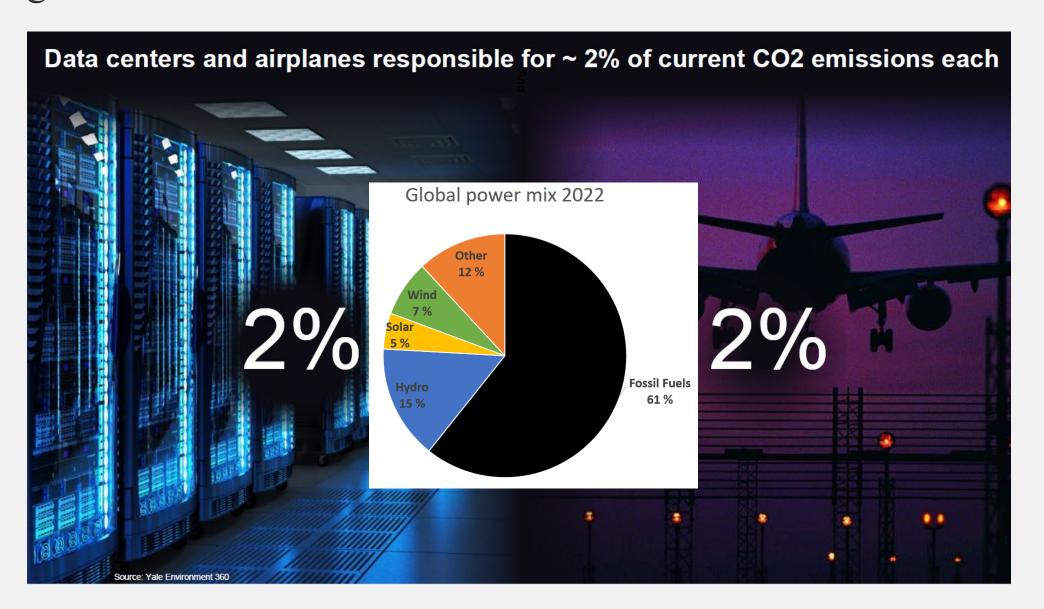
GDP/capita growth still leads to energy demand/capita growth in emerging markets

- This is where 80% of the world lives, it is crucial to break this relationship to reach climate targets





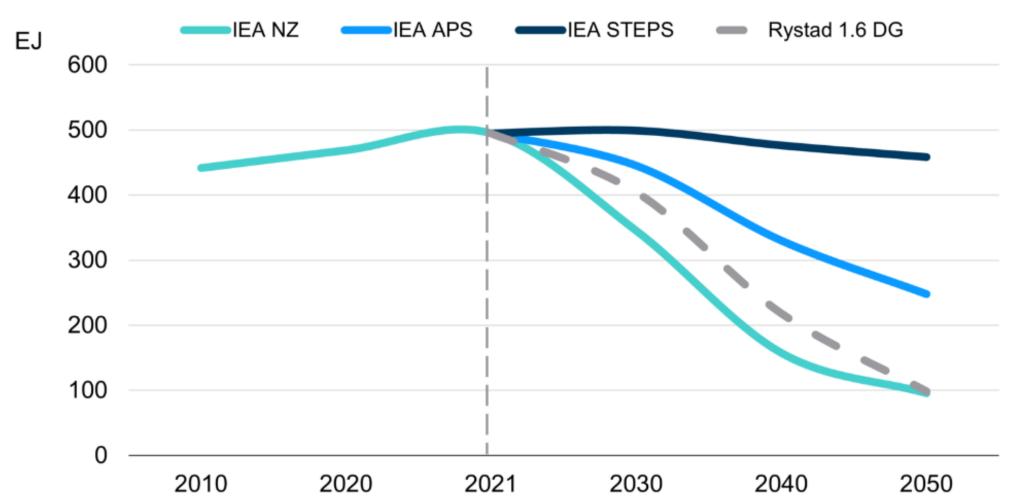
Data centers already emits the same amount of CO2 as the global airlines





Fossil fuel demand across IEA's scenarios

Fossil fuel demand has peaked; the question is the length of the plateau



Source: IEA WEO 2022, Rystad Energy.

Note: NZ is Net Zero by 2050, APS is Announced Policies and STEPS is Stated Policies

