

Notes on the world energy supply

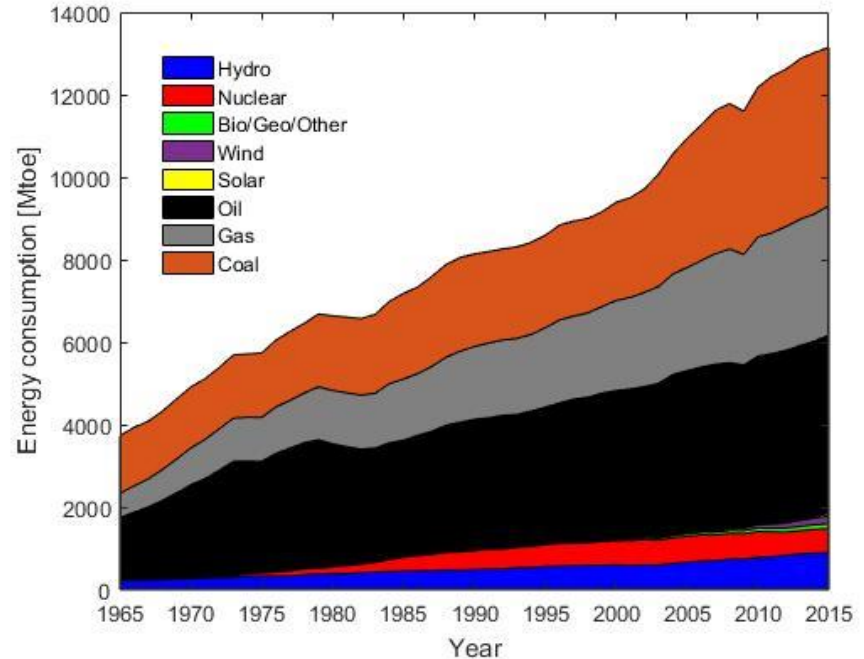
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The world's primary energy supply

Data from BP statistical review of world energy 2016 workbook.

No clear sign of slow-down in fossil consumption.

Solar is there in the diagram, it's just not visible in the zoom that also allows the fossil sources to fit in the picture.

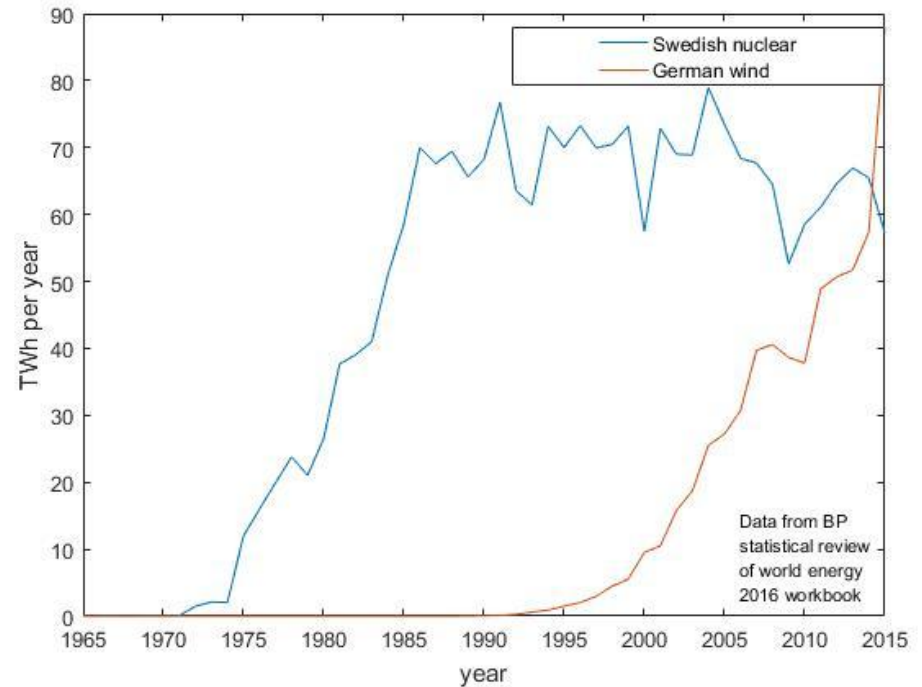


German wind power expansion in comparison with Swedish nuclear expansion of the past.

Data from BP statistical review of world energy 2016 workbook.

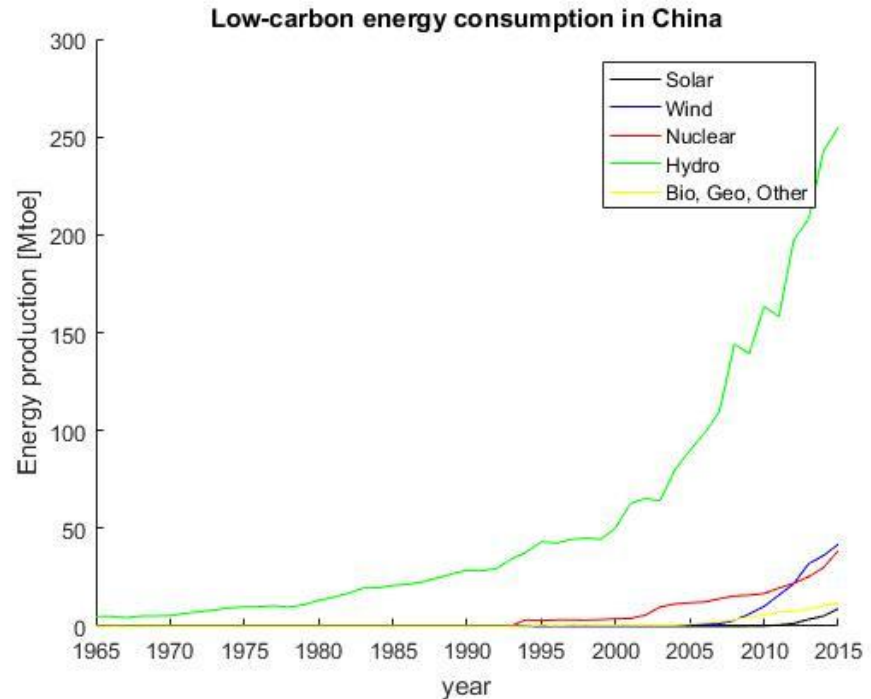
Absolute scale - not per capita.

Note that the population of Sweden was about 8 million at the time of the nuclear expansion. Germany has 80 million.



Low-carbon energy consumption in China

Data from BP statistical review of world energy 2016 workbook.

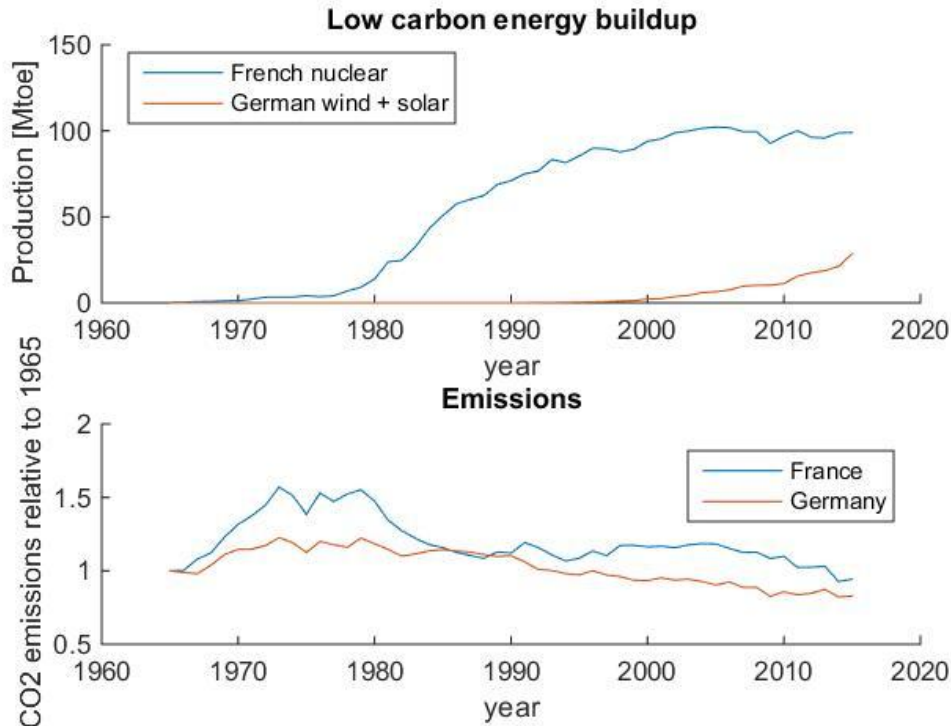


German wind vs French nuclear buildup

French addition of nuclear energy in 1980's is much larger than the combined production of solar and wind in Germany.

Note that CO2 emission values are relative to 1965 and the y-scale is not starting at zero.

Note that the CO2 production corresponds not only to electric production.



Data source: BP statistical review of world energy 2016 workbook

World map of nuclear power per capita

