

AFR Energy Summit

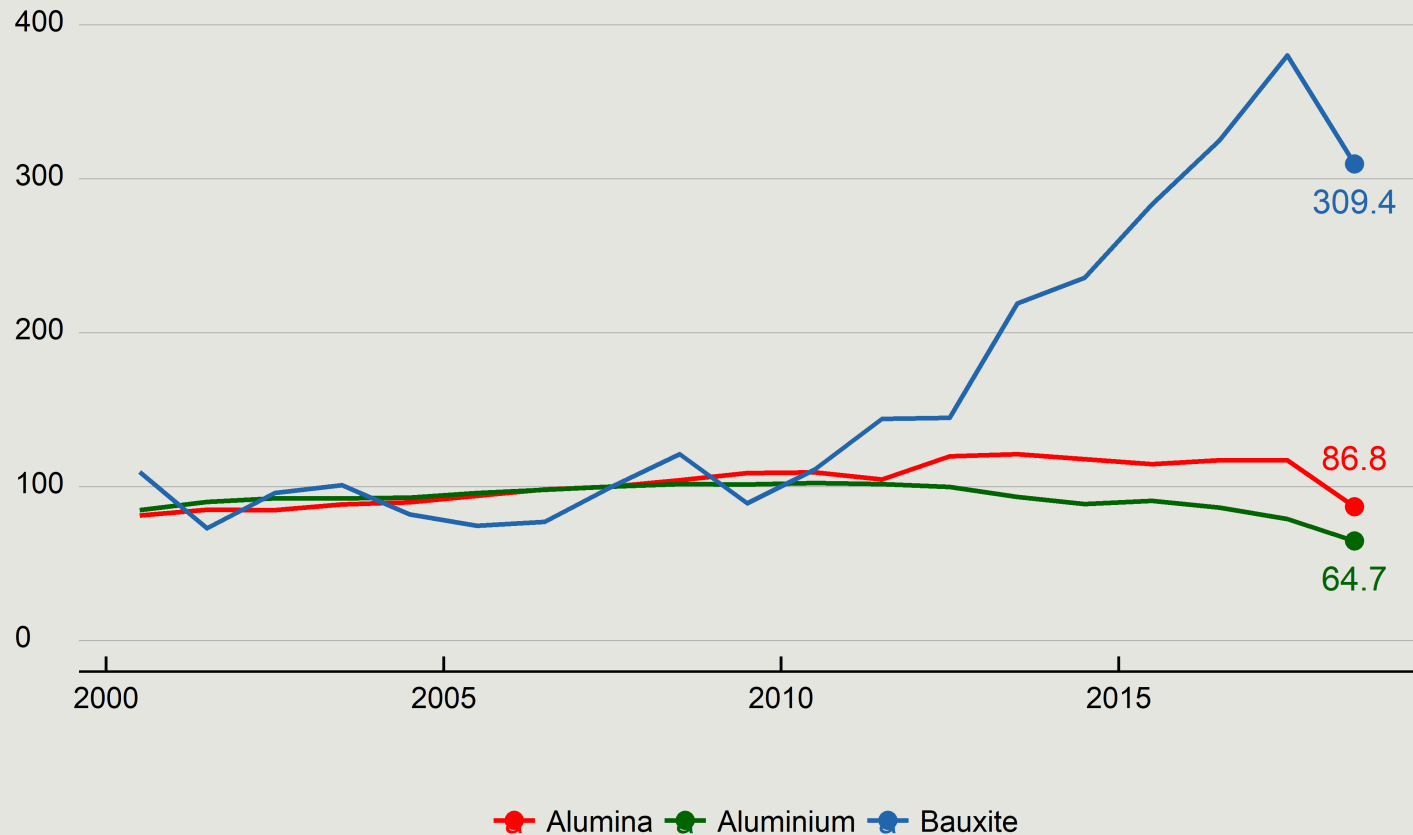
Matt Canavan

11 October 2018

We are losing value adding opportunities

Exports of Aluminium related commodities

2007 = 100

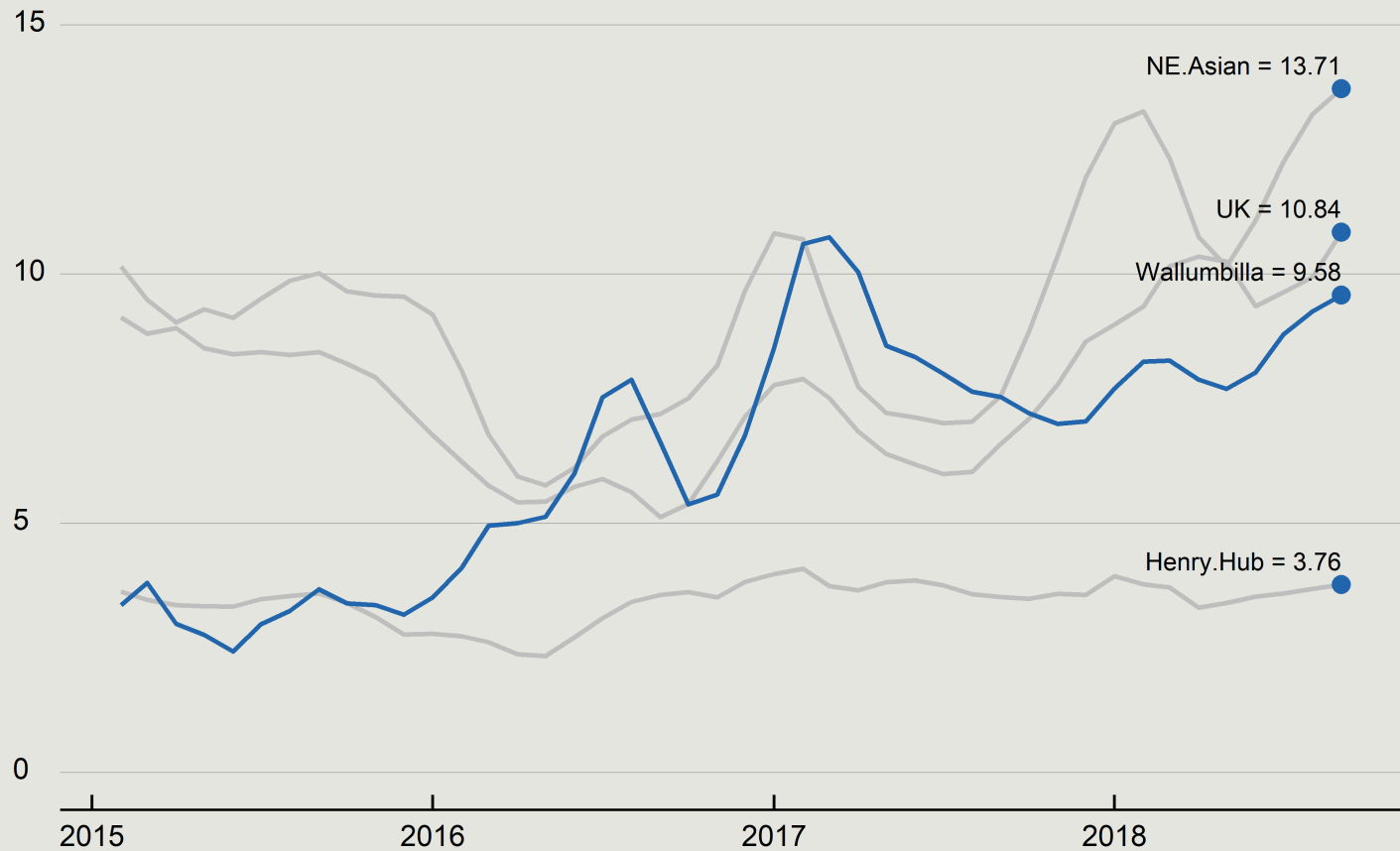


Source: Resource and Energy Quarterly

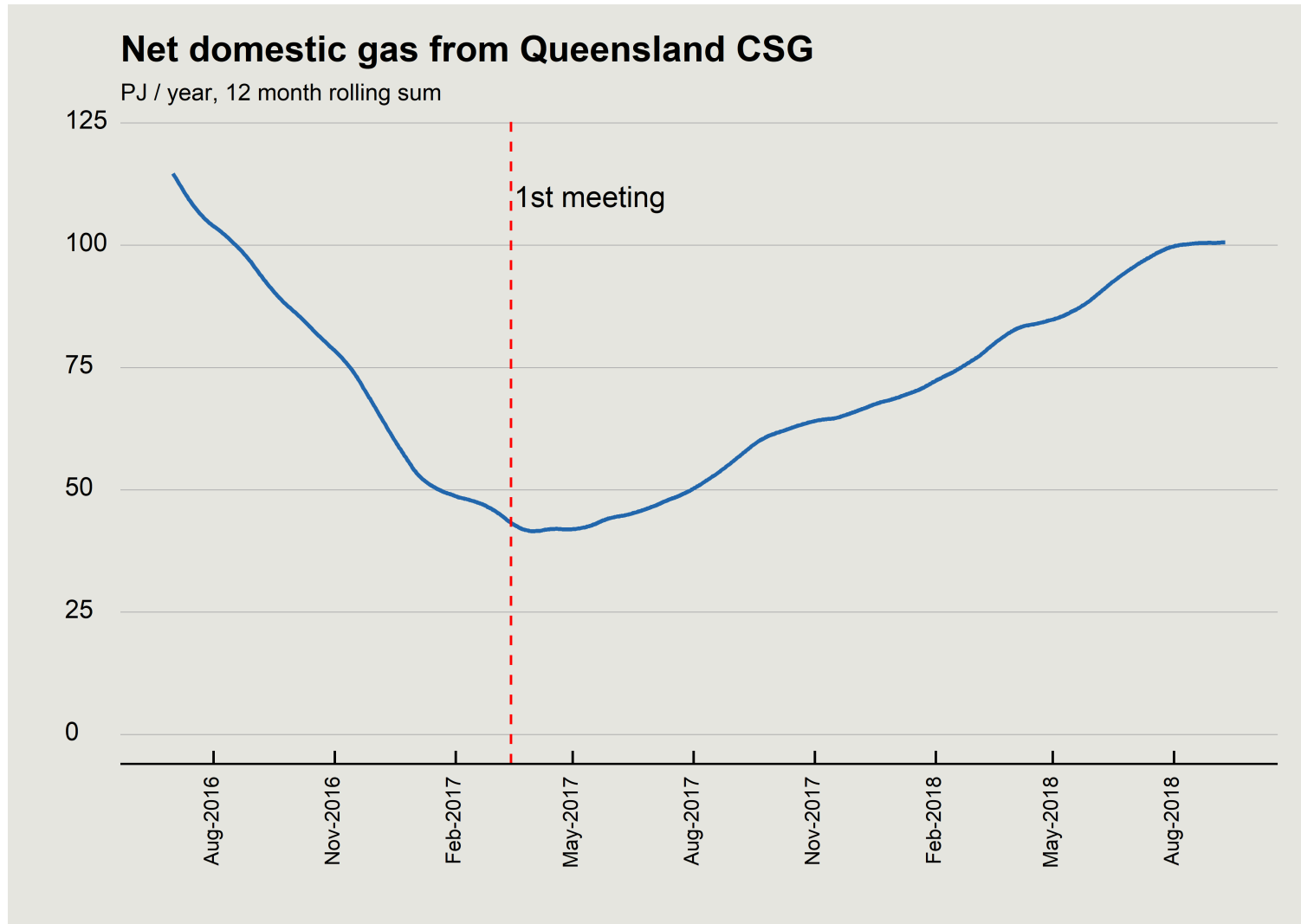
More energy means cheaper energy

International gas prices

\$ per GJ, quarterly moving average

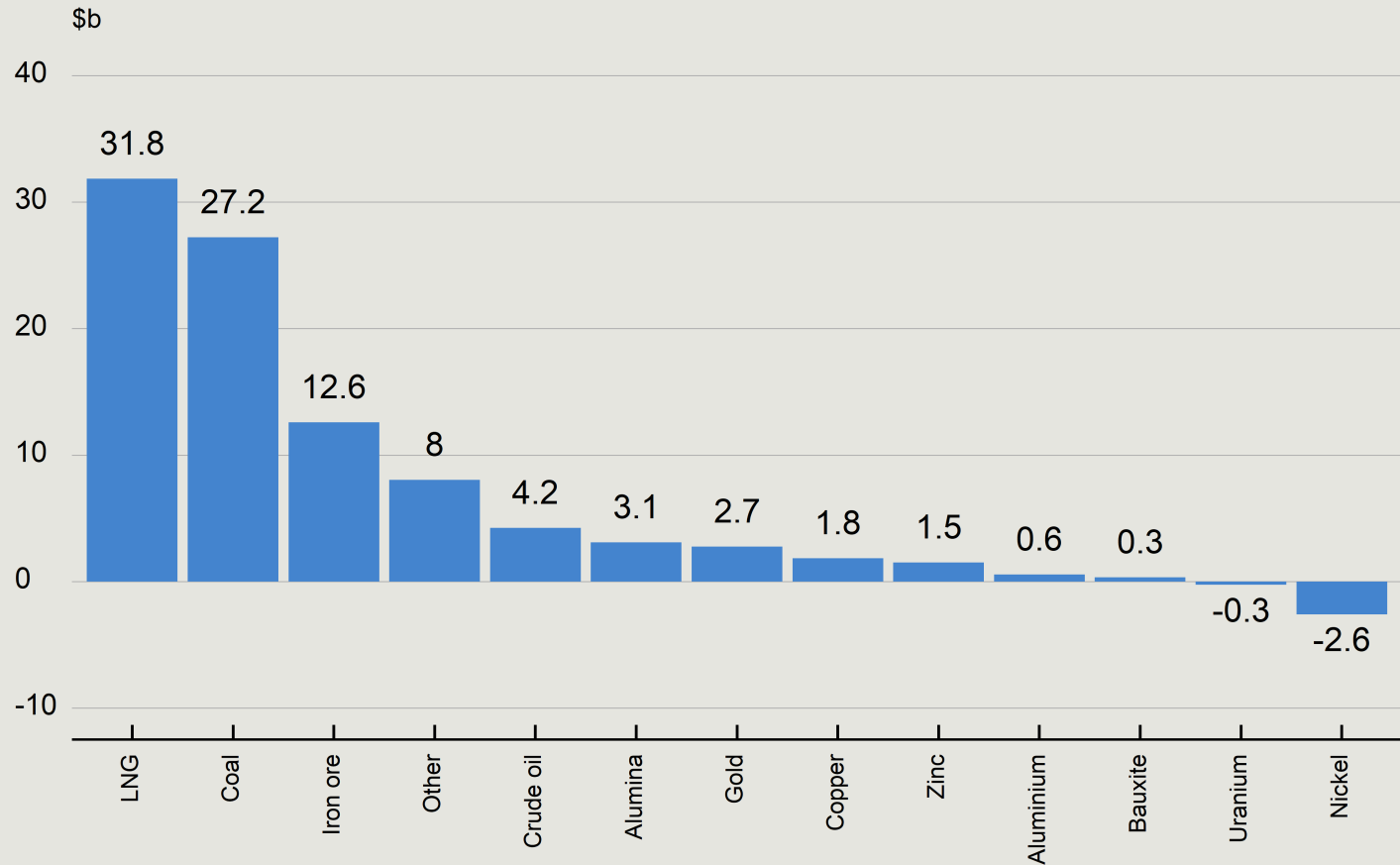


QLD CSG is making a difference



Aussie fossil fuels are booming

Change in value of exports from 2016-17 to 2018-19

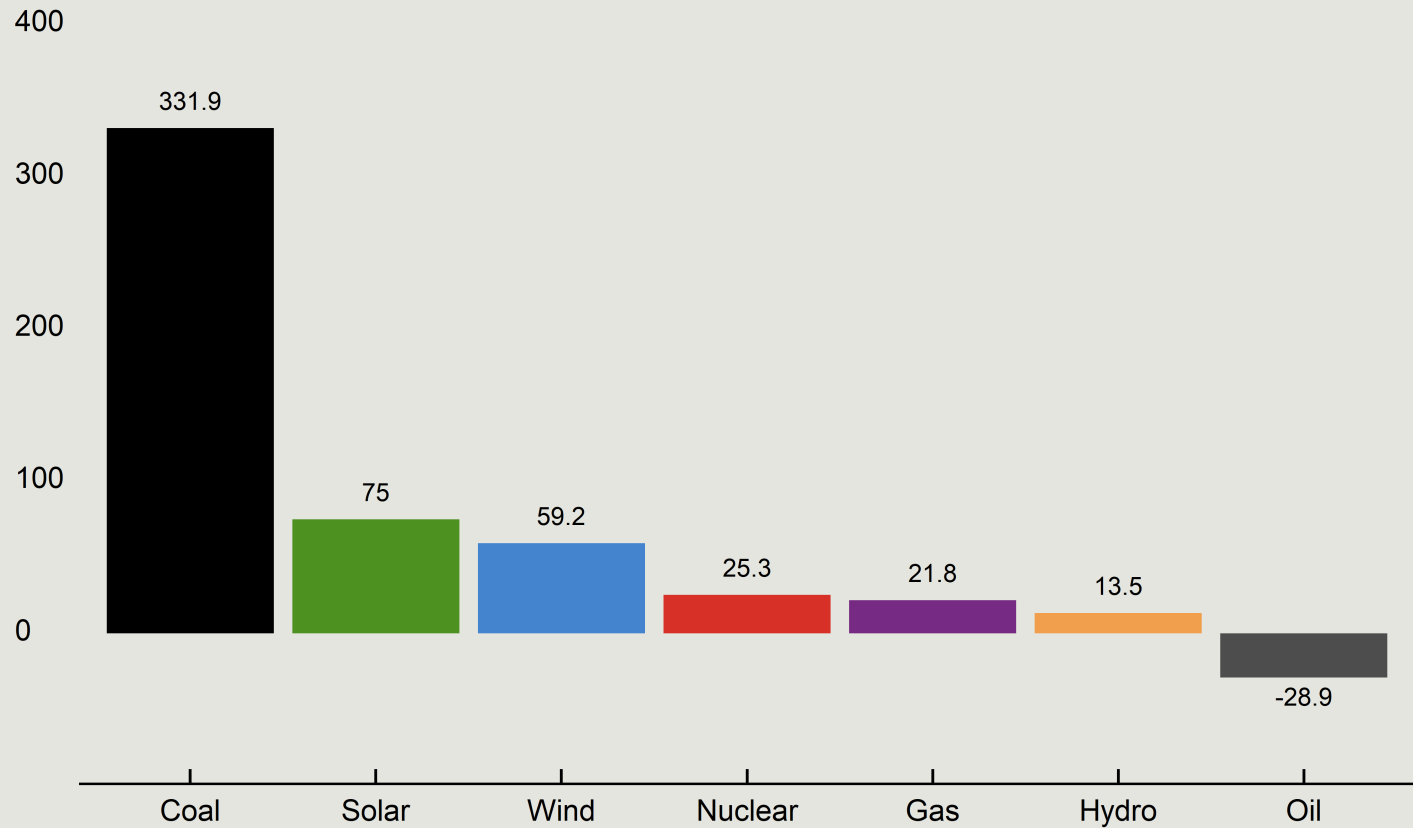


Source: Resource and Energy Quarterly

Coal is surging in Asia

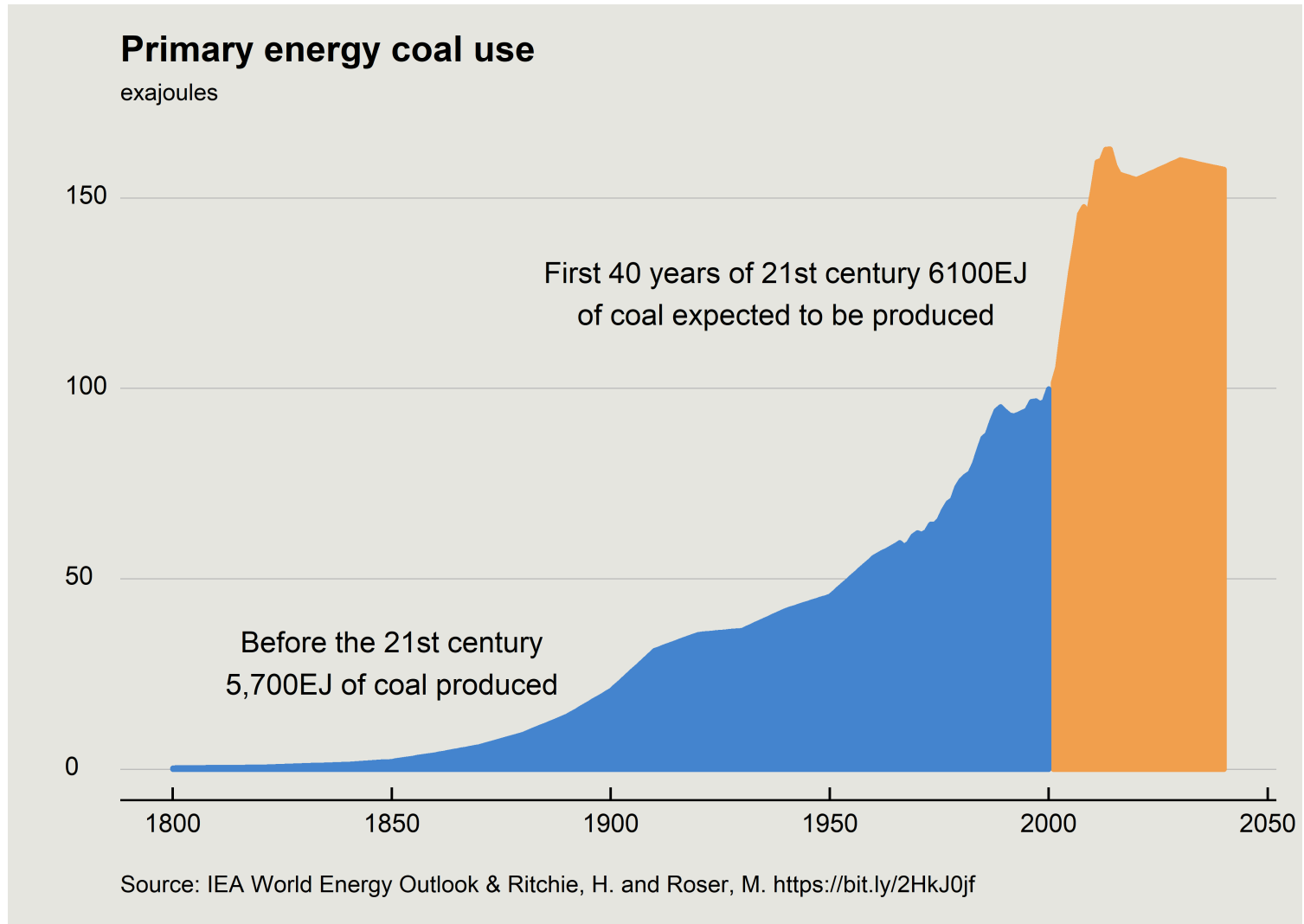
Change in electricity generation in Asia Pacific from 2016 to 2017

terawatt hours



Source: BP Statistical Review of World Energy

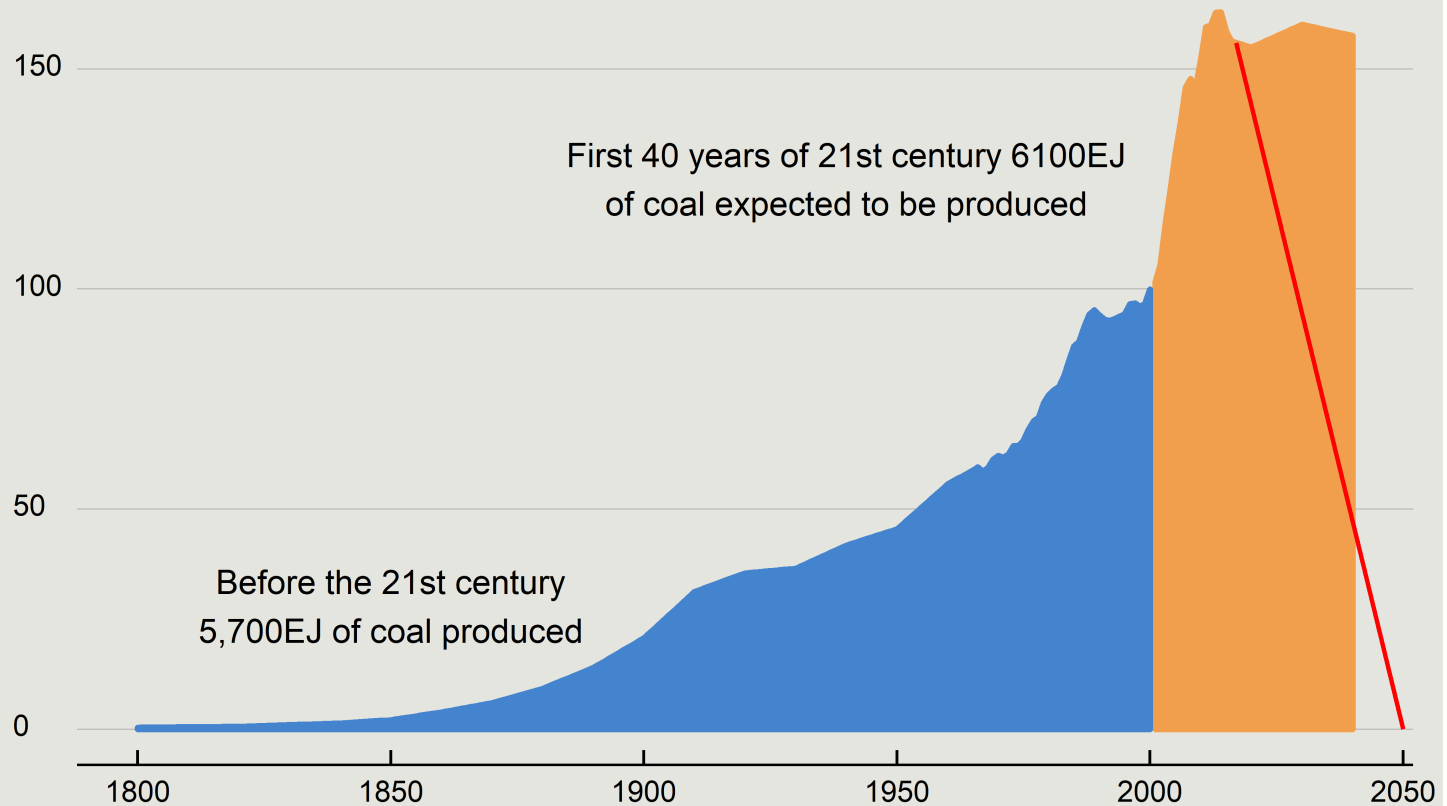
A lot more coal must be mined



Realistic?

Primary energy coal use

exajoules

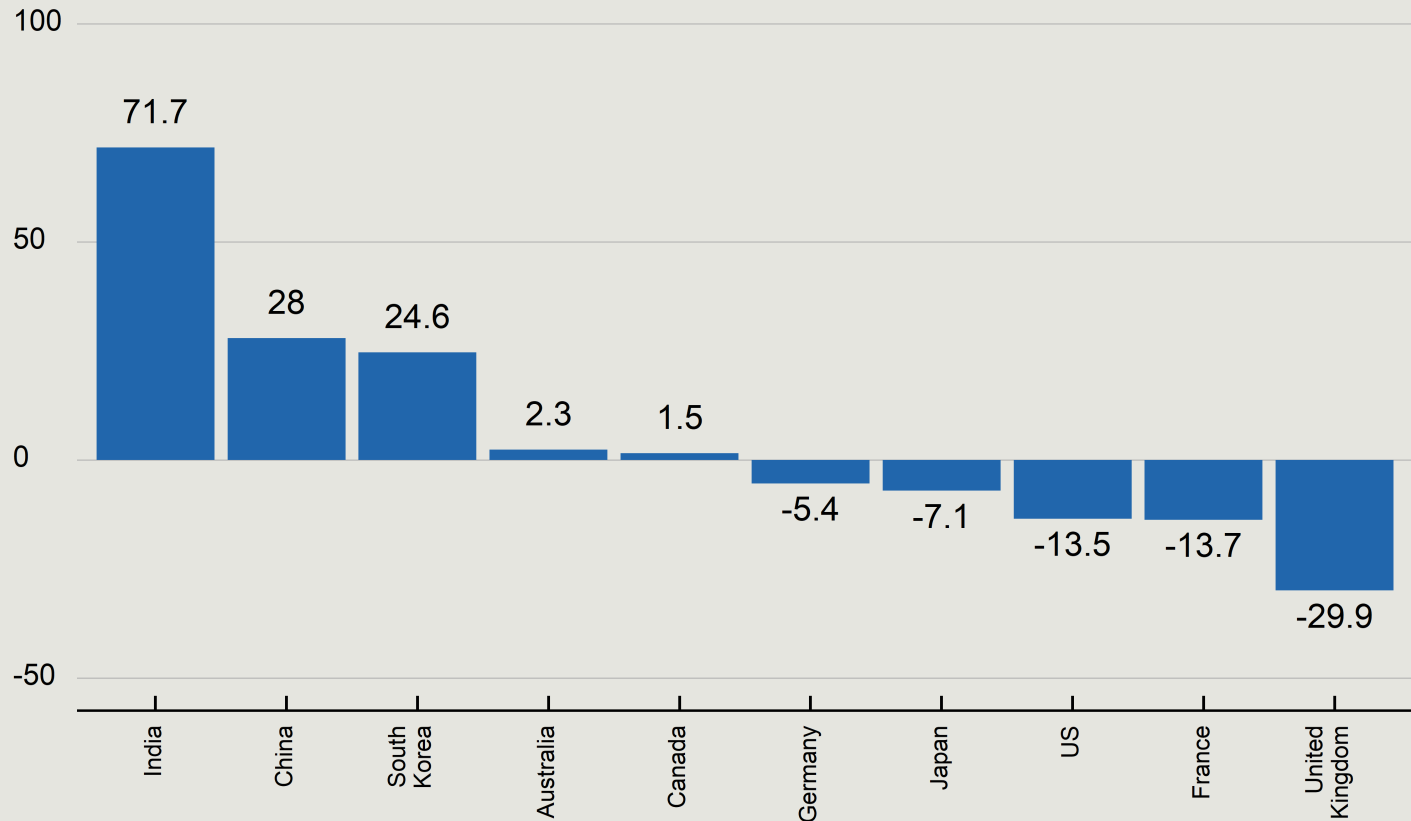


Source: IEA World Energy Outlook & Ritchie, H. and Roser, M. <https://bit.ly/2HkJ0jf>

Cleaner fossil fuels can bring down emissions

Change in carbon emissions since 2007

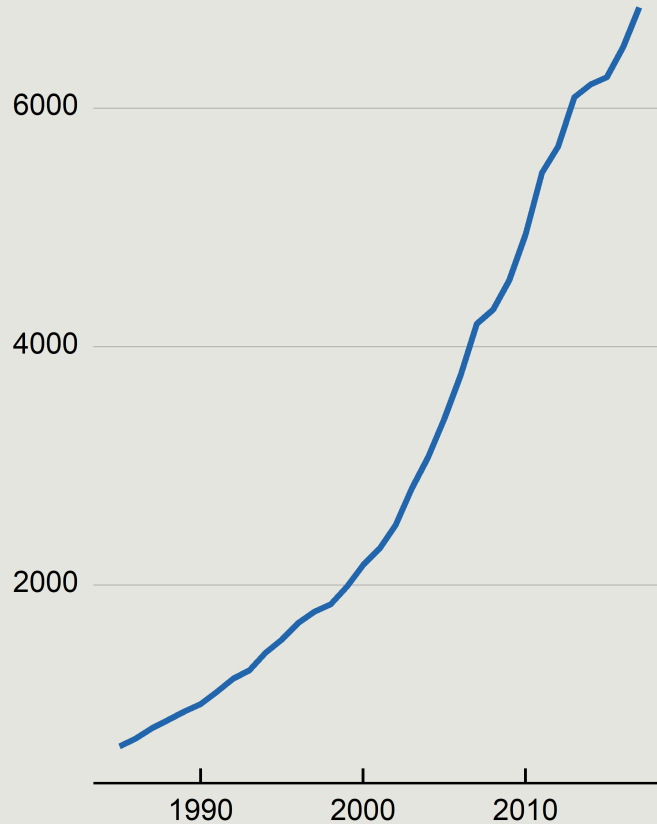
2007 = 100



Source: BP Statistical Review of World Energy

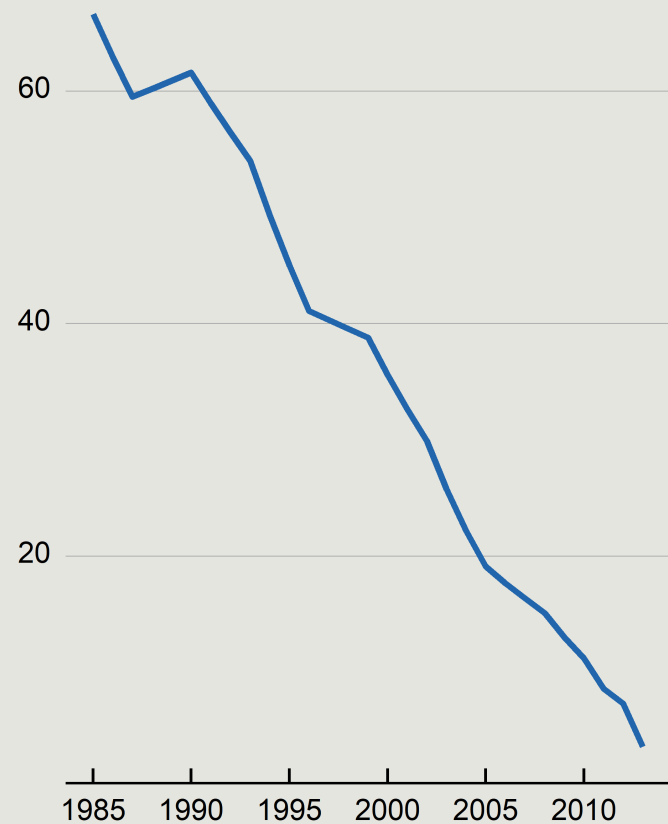
Coal has helped bring down poverty

Electricity generated by coal in Asia Pacific
terawatt hours



Source: BP Statistical Review of World Energy

Proportion of population living in poverty
East Asia & Pacific, below US\$1.90 per day, real dollars



Source: World Bank DataBank, Poverty and Equity