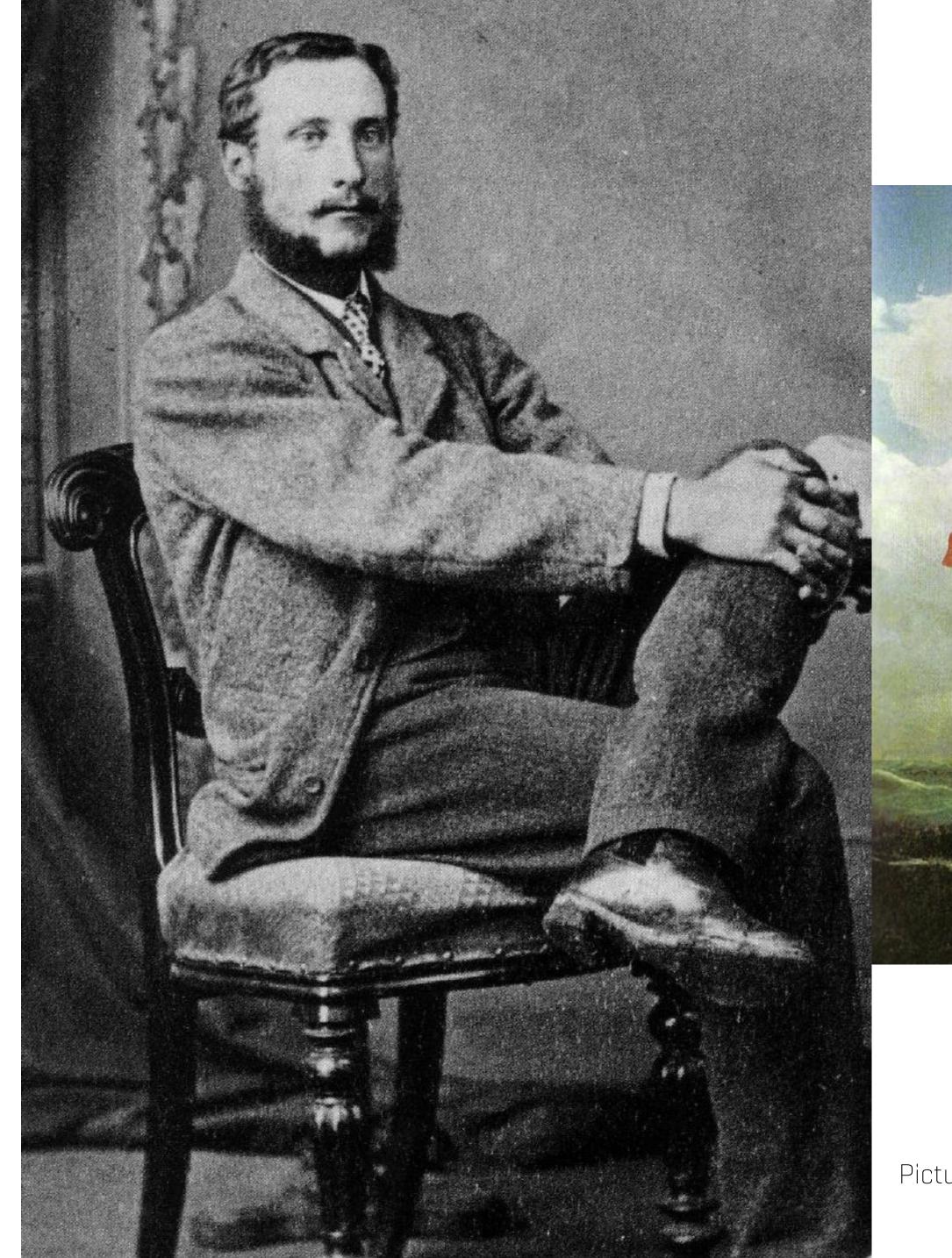


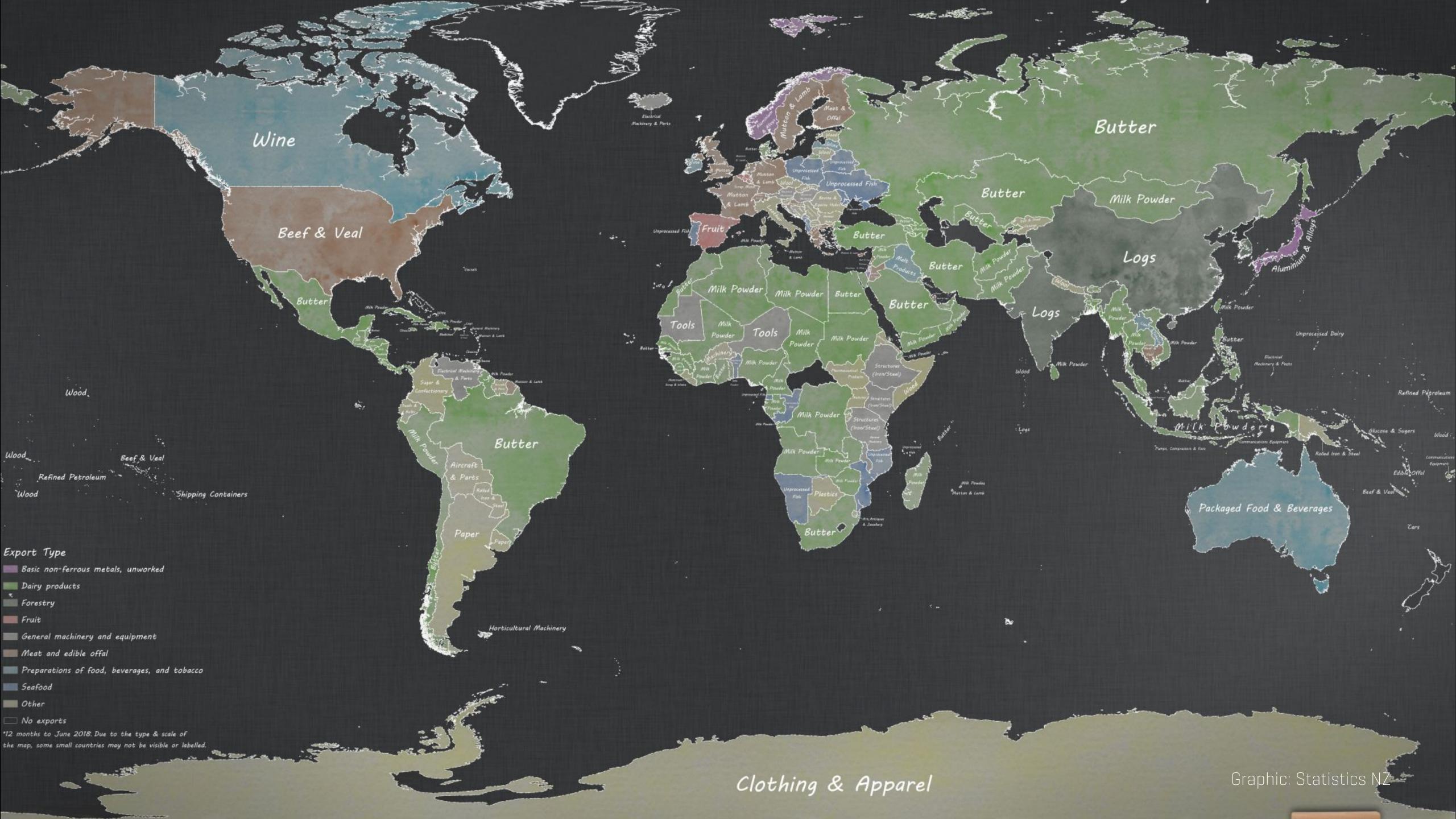
New Zealand Industry Leader's Address

New Zealand Petroleum Conference Andrew Jefferies, Chief Executive, New Zealand Oil and Gas 10.30am Monday, 30 September 2019



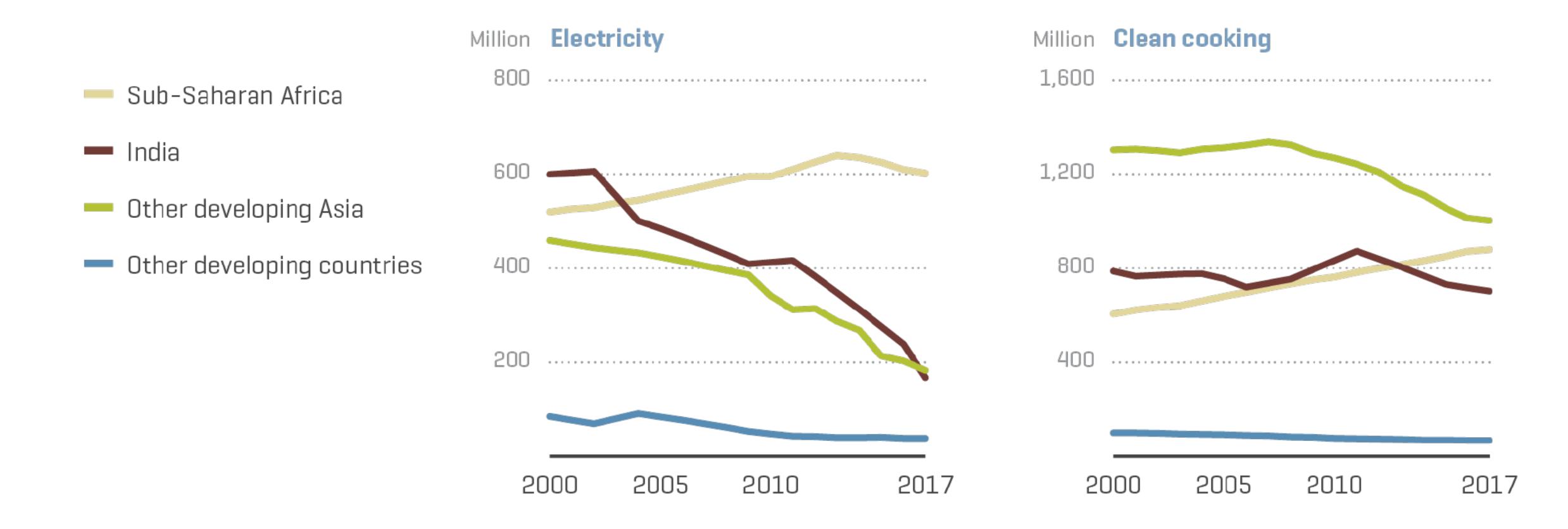


Pictures: Wikipedia



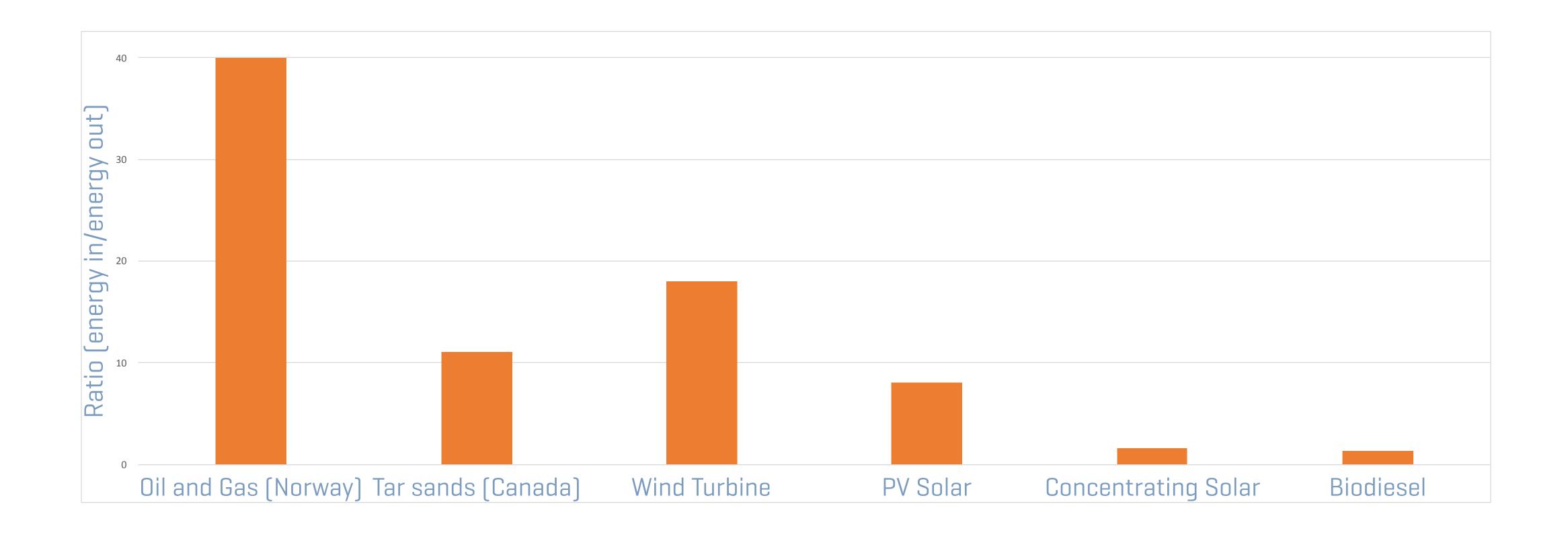


Population without modern energy access

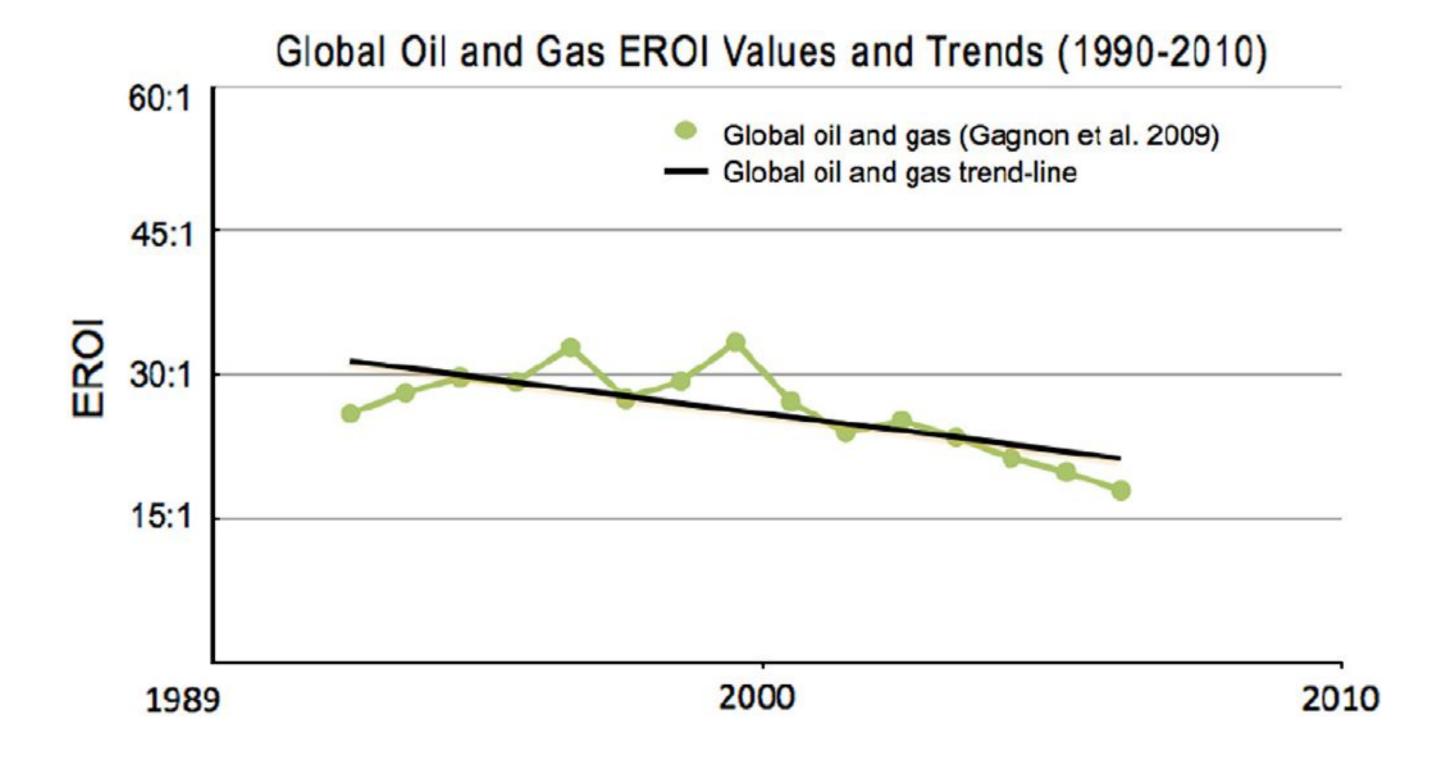


Fewer than a billion without electricity for the first time

Energy return on investment of various fuels

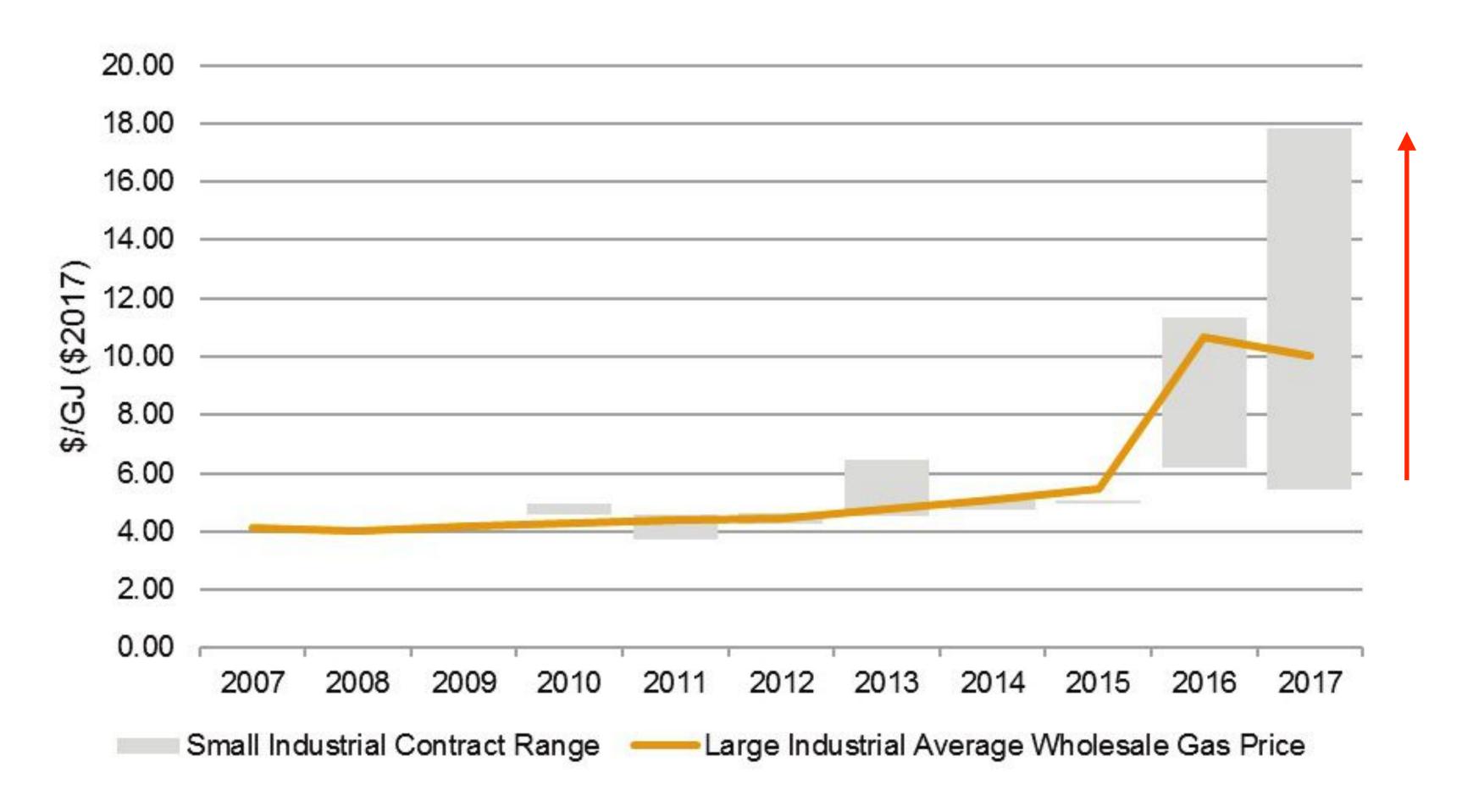


"Declining EROI means that an increasing proportion of energy output and economic activity must be diverted to attaining the energy needed to run an economy."

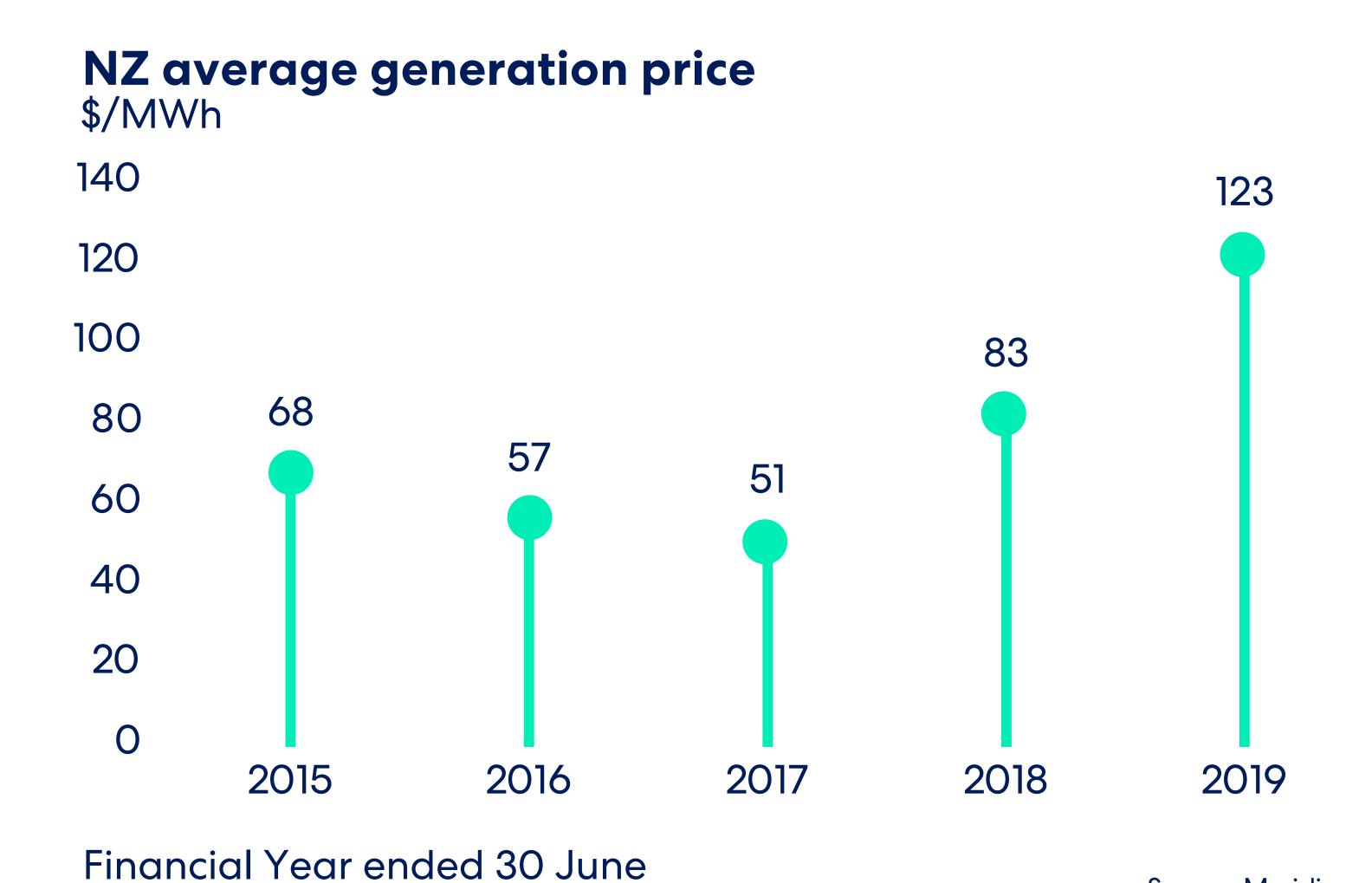


"The declining EROI of traditional fossil fuel energy sources and the effect of that on the world economy are likely to result in a myriad of consequences, most of which will not be perceived as good."

Scarcity leads to price rises Industrial price scatter, Victoria

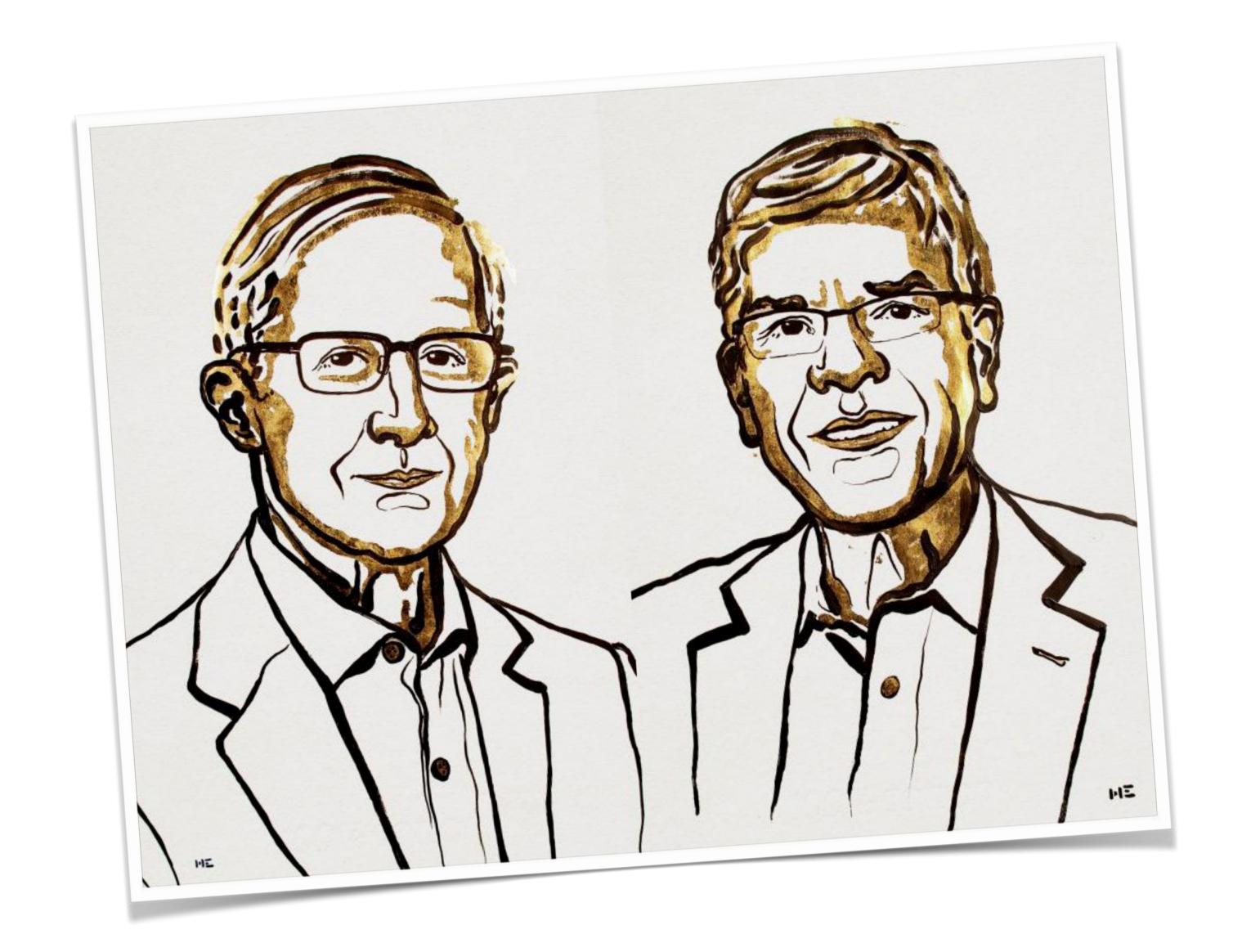


Cost of producing energy rises across all energy sources

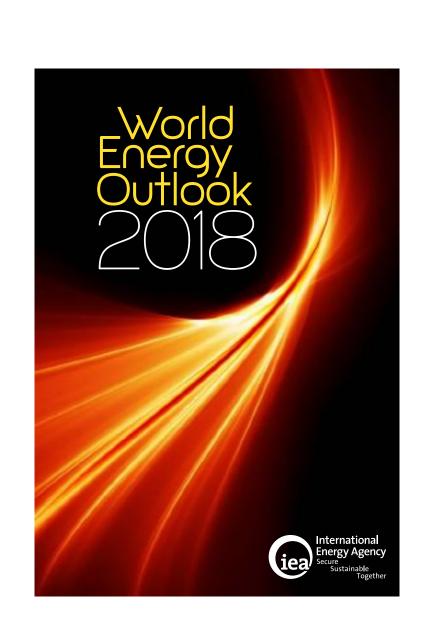


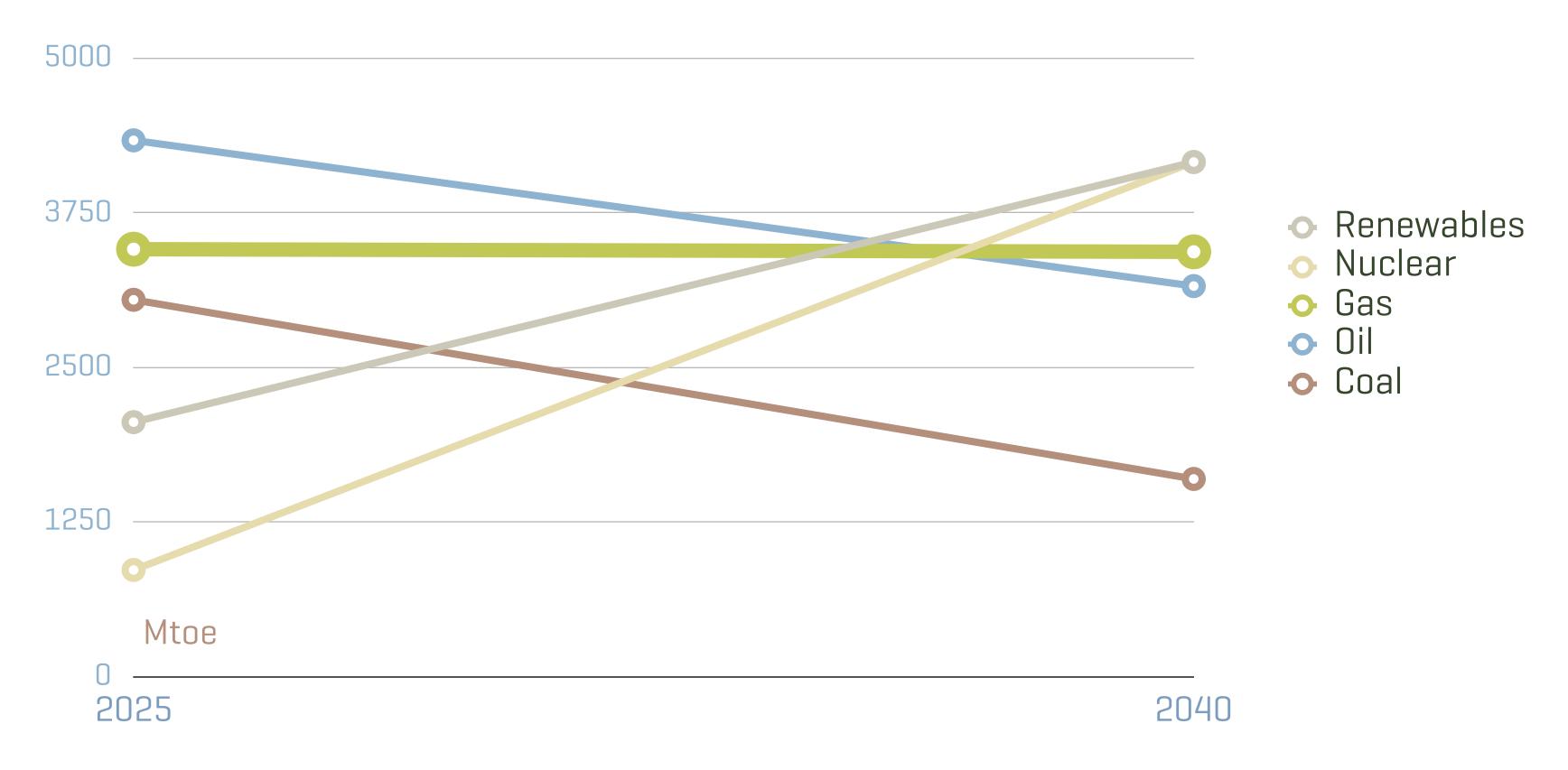
Source: Meridian





In the Sustainable Development Scenario, natural gas is stable over the next 25 years

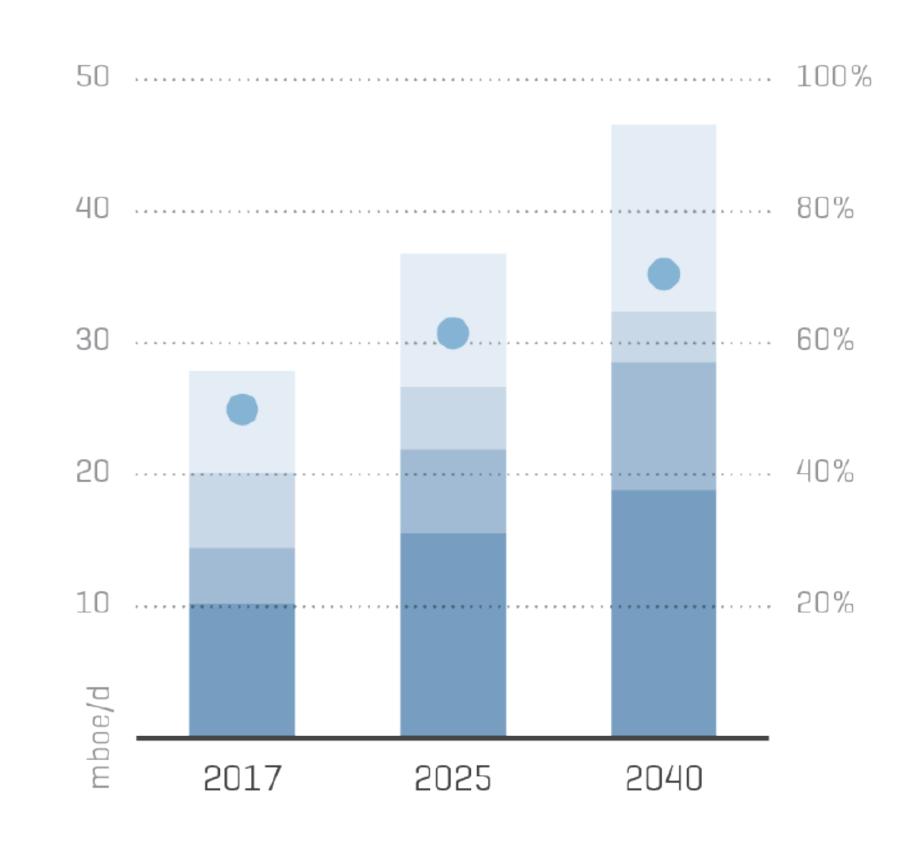




World primary energy demand in the IEA Sustainable Development Scenario

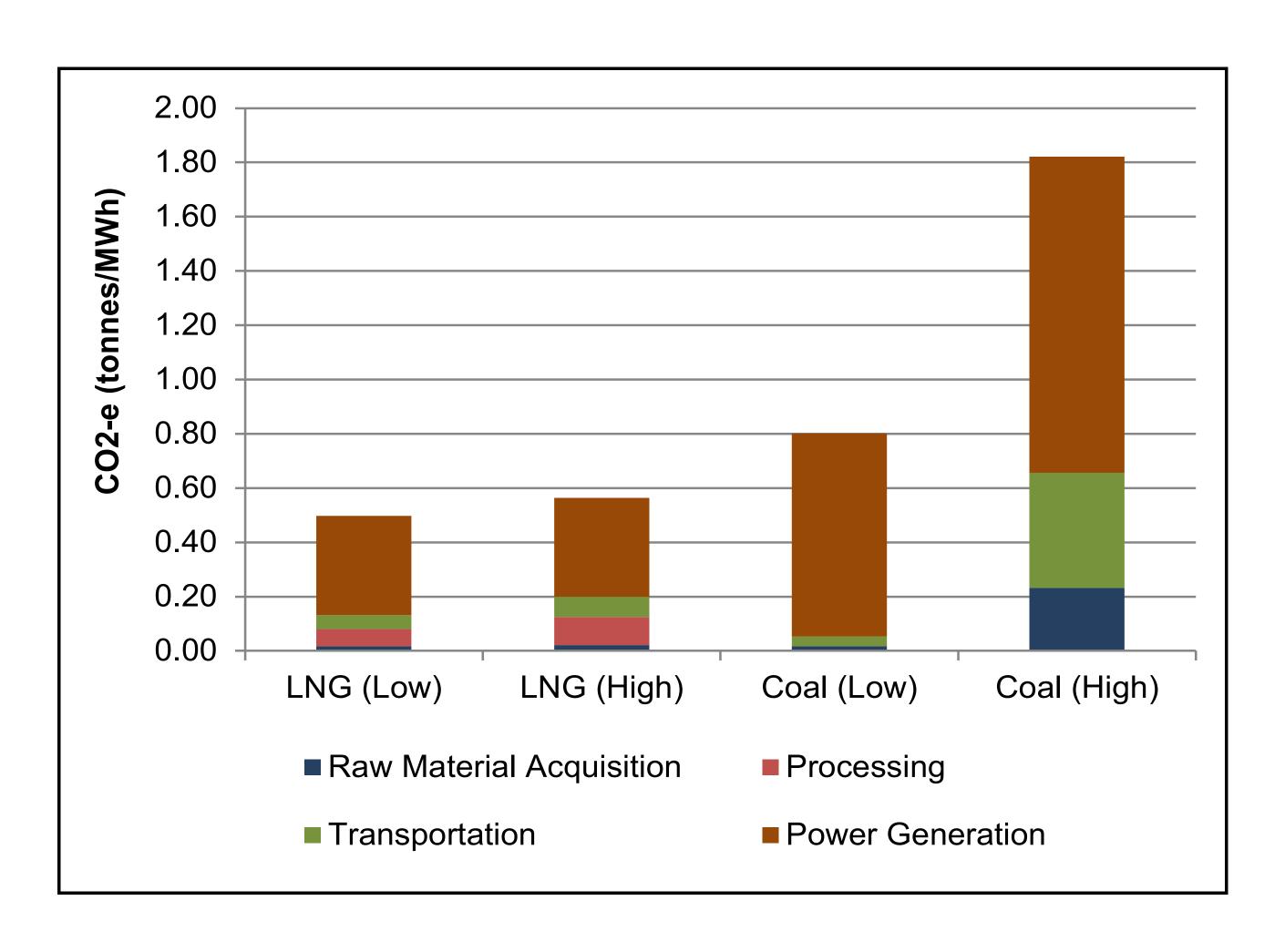
Next 20 years of oil and gas imports by Asian destination





Two thirds of global oil and gas imports flow to Asia by 2040

Power generation from LNG emits less carbon than power generation from coal





New Zealand's enormous continental shelf

