

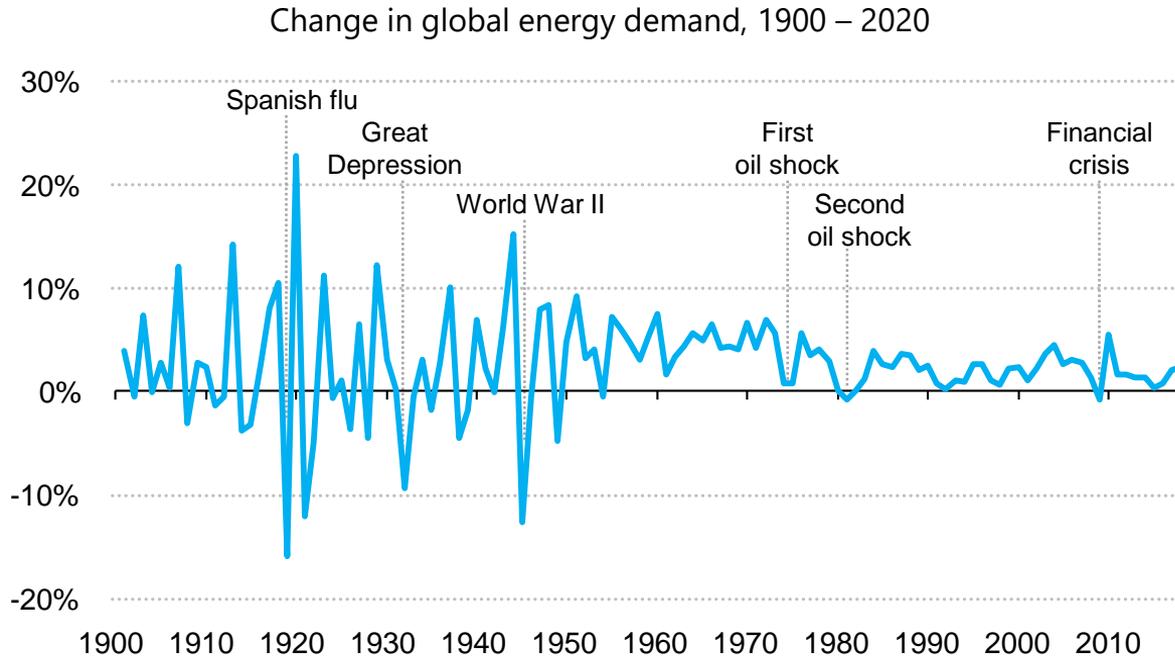


Space for Green Growth and Clean Energy

Alessandro Blasi, Special Advisor to the Executive Director

14 September 2020

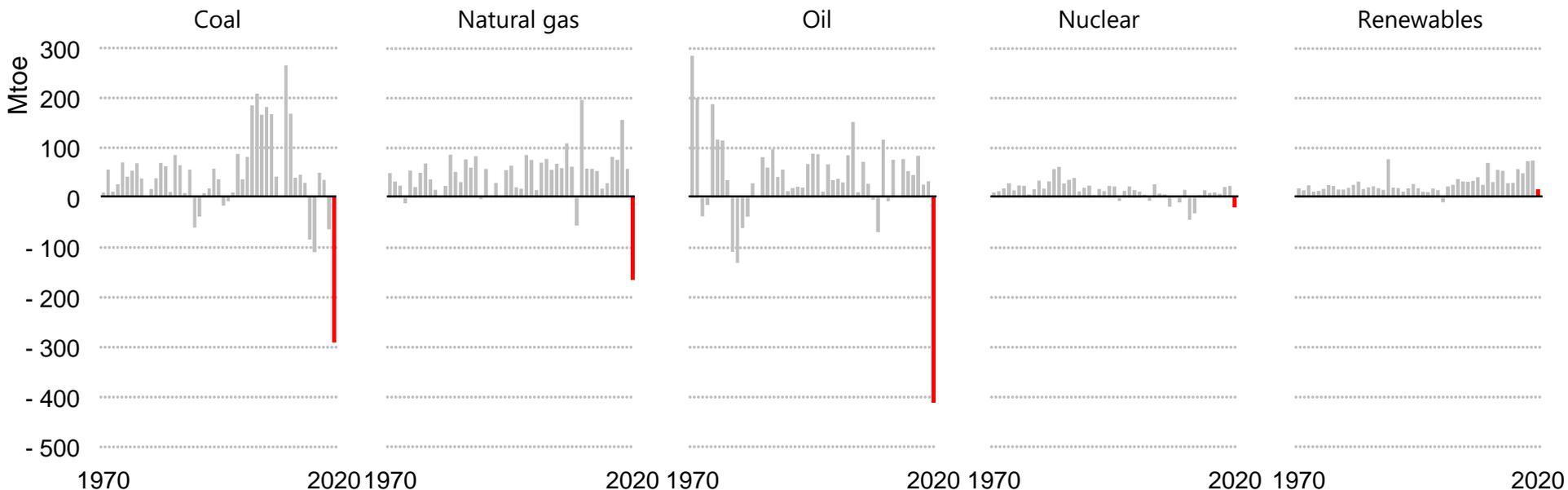
Coronavirus: a once in century event for energy demand



The shock to energy demand in 2020 is set to be the largest in 70 years. In our estimate, global energy demand declines by 6%, a fall seven times greater than the 2009 financial crisis.

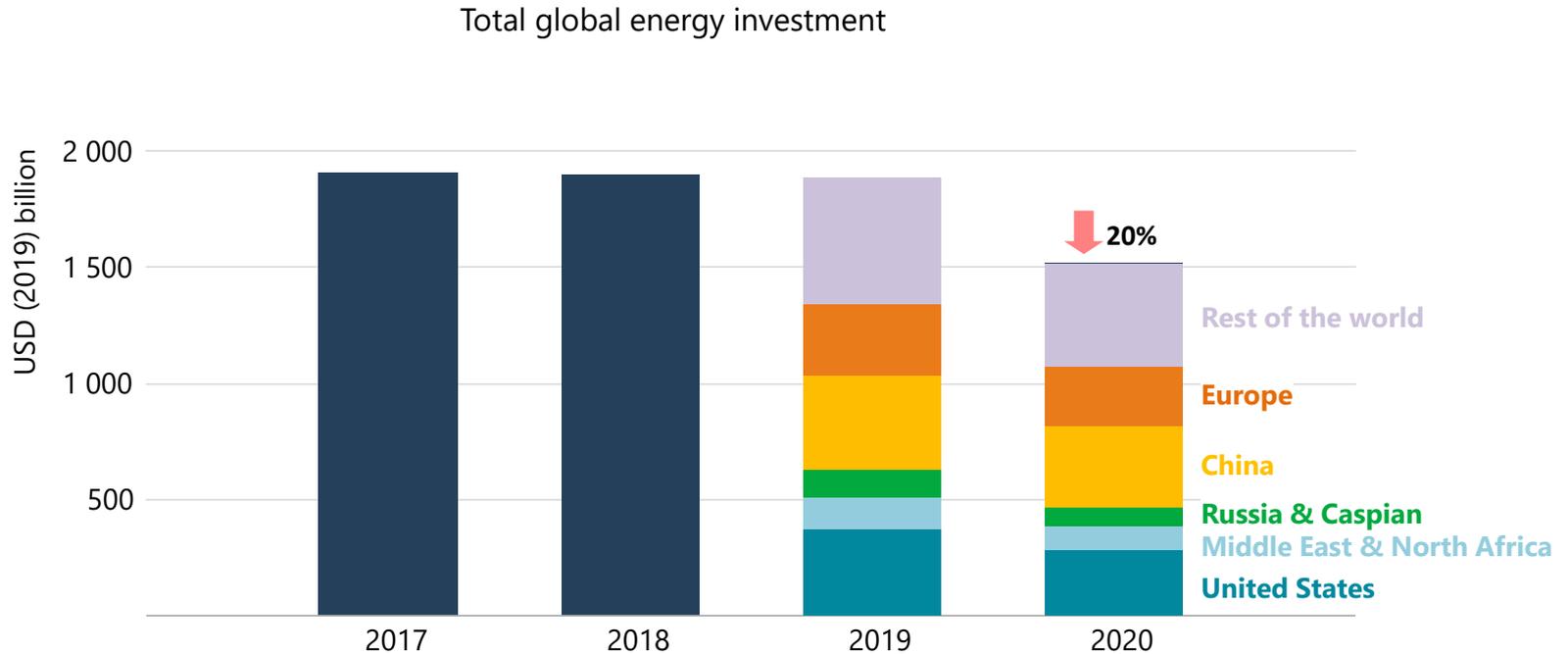
Fossil fuels are set for a dismal 2020

Change in global energy demand by fuel, 1970–2020



Coal is set for the largest decline since World War II, alongside sharp reductions for gas and oil. Nuclear power is less affected by lockdown measures, while renewables are the only energy source on the rise in 2020.

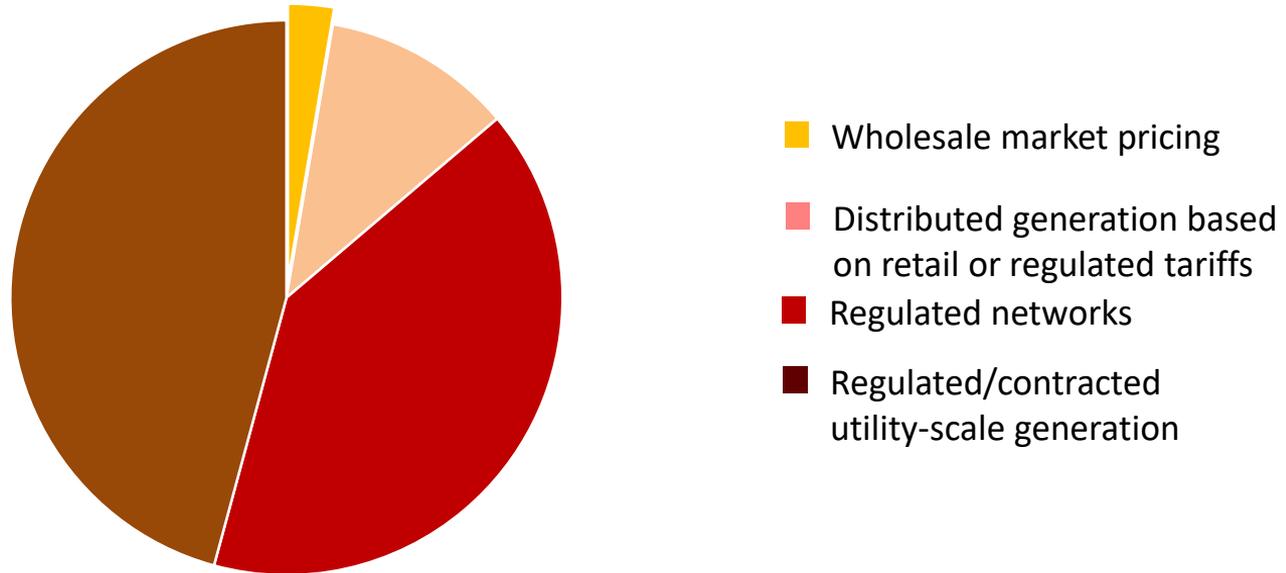
An unparalleled decline in energy investment



Disruption from Covid-19 is expected to push 2020 energy investment down by almost \$400 billion. All parts of the world are affected, but major producers of oil & gas have seen the largest falls

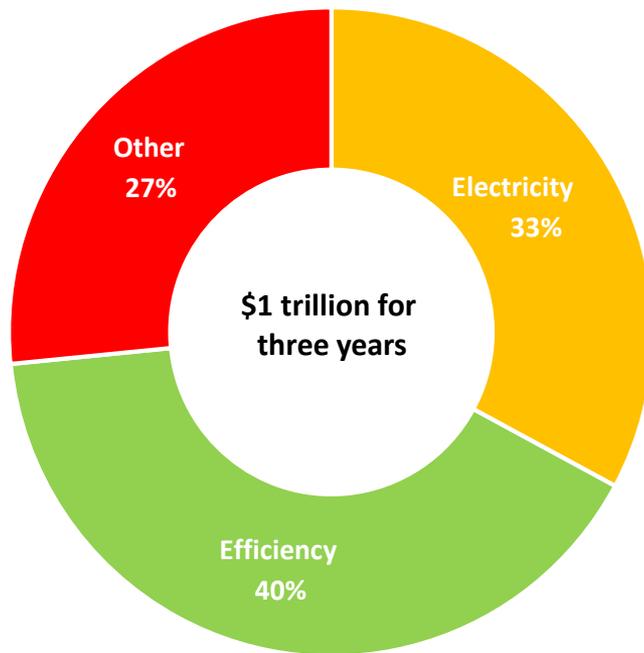
Government policies underpin nearly all power sector investments

Global power sector investment by main remuneration model



Over 95% of power sector investments rely on regulation or contracts beyond short-term wholesale markets for their main remuneration, as regulators pursue adequacy and environmental aims.

A plan for a Sustainable Recovery post Covid-19



The Sustainable Recovery Plan provides an integrated approach to support economic recovery and jobs while improving the resiliency & sustainability of the energy system