



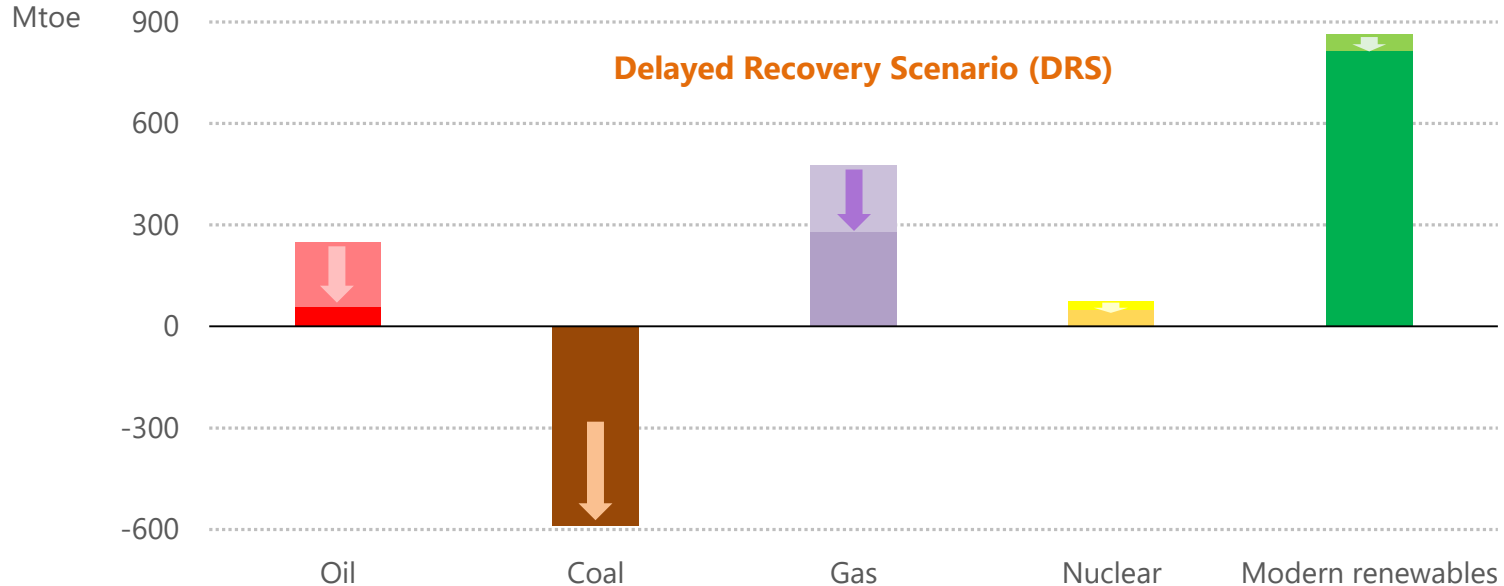
# Covid-19 implications for energy access in Africa

ERRA Webinar

Arnaud Rouget, Africa & Access analyst, World Energy Outlook  
10 February 2021

# Covid-19 is shock to the energy system by impacts vary

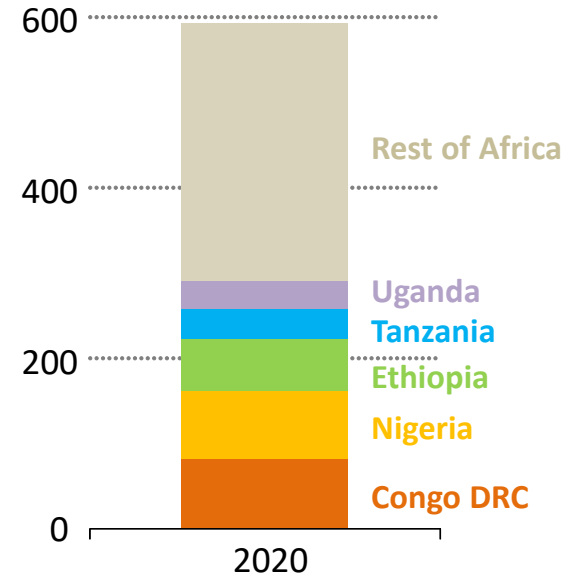
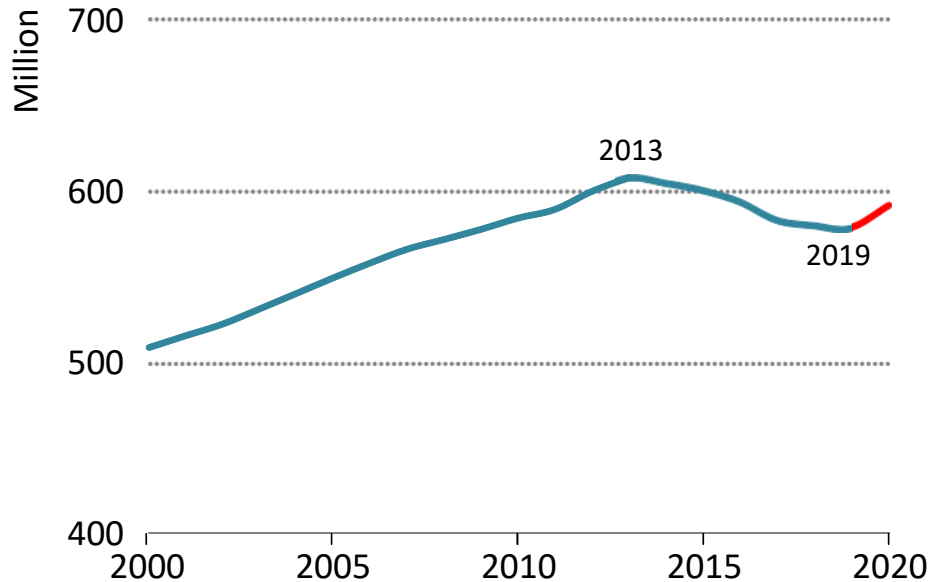
Change in primary energy demand, 2019-2030



After a 5% drop in energy demand in 2020, renewables lead the rebound while coal never gets back to pre-crisis levels; a delayed recovery puts energy into slow motion, prolonging today's overhang of supply

# The poorest feel the worst effects of the crisis

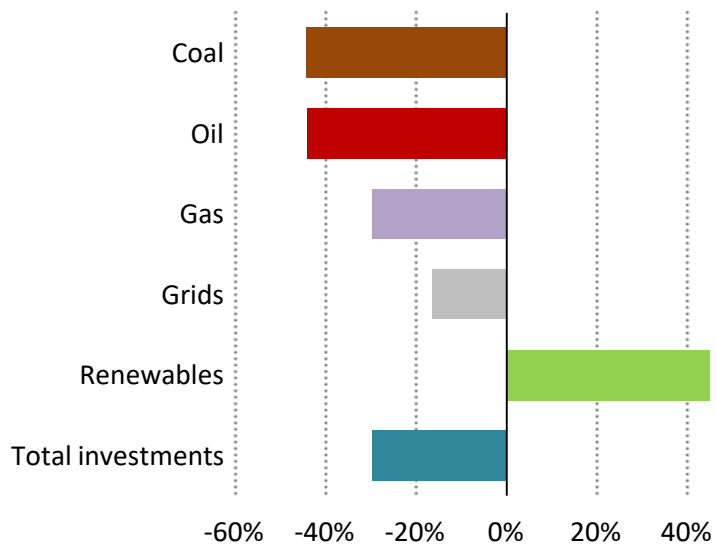
Population without access to electricity in Africa



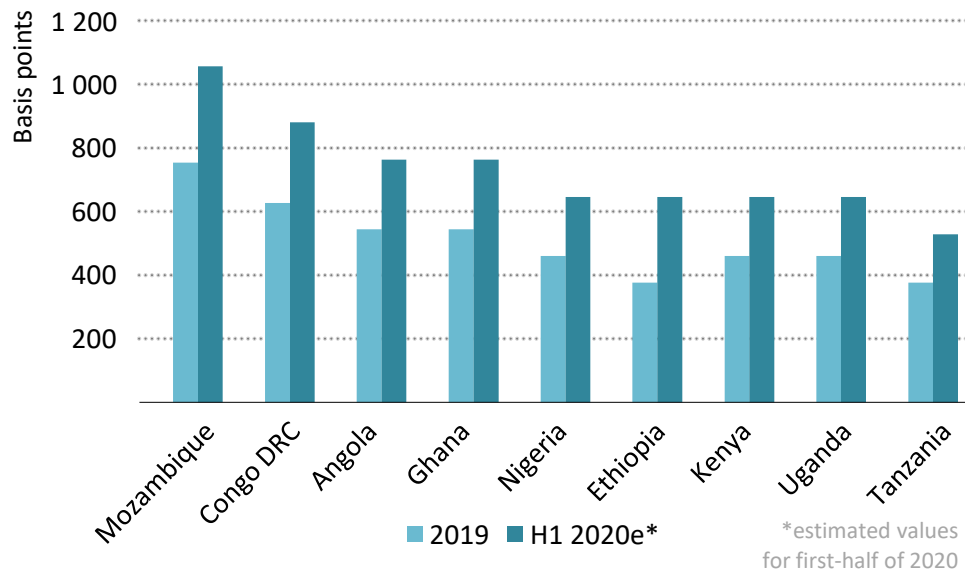
The number of people without electricity access is rising in 2020, and five countries make up half of the total in Africa. An additional 30 million people connected today could no longer afford basic services.

# Covid-19 induces the largest drop in investment in Africa

Investments in Africa, 2020 relative to 2019

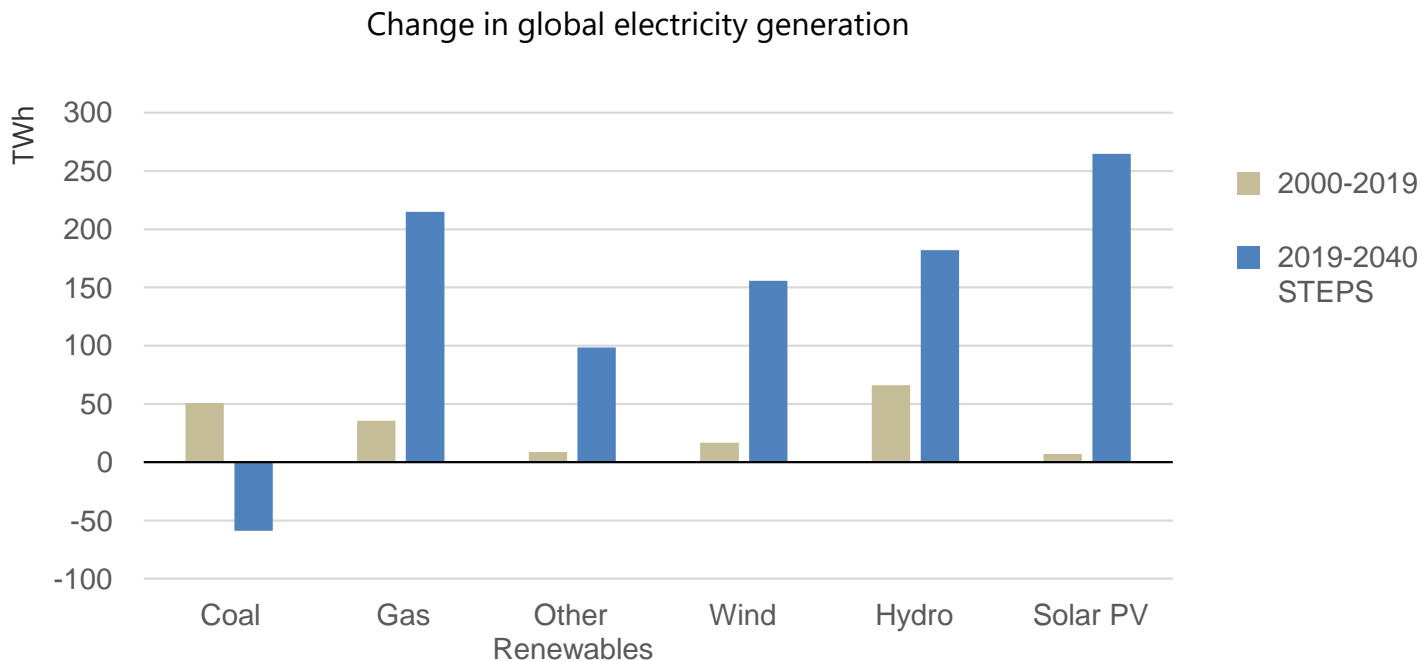


Level of sovereign risk in selected African countries



Capital investment in the energy sector is set to fall by 30% in 2020, with oil & gas severely affected. Renewables continue to grow, but increase in cost of borrowing clouds the prospects for future investments.

# Globally & in Africa, solar PV is becoming the 'new king' of electricity



Solar PV is set to be the fastest growing source of power generation in Africa by 2040 under current and proposed policies, with potential to grow much faster.

# A combination of technologies can expand electricity access

Solutions to provide full access by type in the Africa Case in sub-Saharan Africa, 2019-2030

