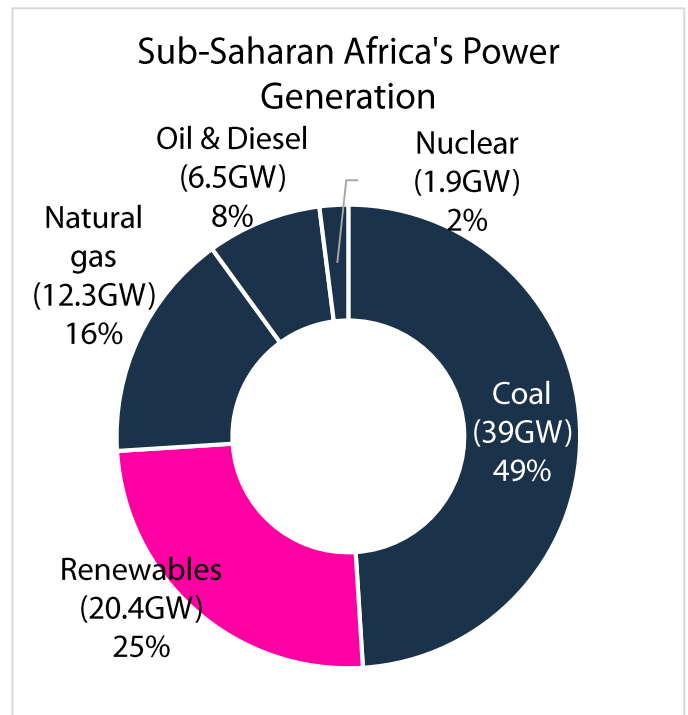


Renewable energy in Africa set to grow from 30GW to 300GW by 2030

The African renewable energy market is growing rapidly, with electric power from renewable sources currently accounting for between 25% and 30% share of Sub-Saharan Africa's total power output and amounting to 30GW. Based on a recently launched initiative (African Renewable Energy Initiative, 2015) led by the African Union and the UN, renewable power output in SSA is set to grow 10 fold to reach 300GW by 2030 and reach 40GW in the next five years. Over the past 15 years, Africa has seen a near 60% increase in renewable energy capacity.



There are 12 key African countries with the largest installed renewable energy capacity led by South Africa (2GW), Kenya (0.7GW) and Ethiopia (0.4GW). At the regional level, 14% of the energy mix in East Africa (EA) is comprised of renewable energy, the highest among the four regions in SSA. By 2030, it is projected that renewables will account for 28% of the energy mix in EA and 36%, 23% and 15% in Central, Southern and Western Africa respectively. Solar and wind energy are the dominant renewables such that solar alone is projected to have 8TW power potential.

