

Institute of Chartered Secretaries and Administrators Nigeria

Attaining The SDGs in Nigeria by 2030: Role of National, Sub National, Private Sector and Community Leaders

18. March 2022

Why SDG-7 and Agenda 2030 Matter



THE GLOBAL GOALS
For Sustainable Development

1 NO POVERTY



2 ZERO HUNGER



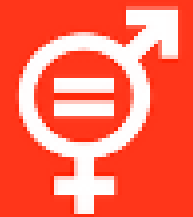
3 GOOD HEALTH AND WELL-BEING



4 QUALITY EDUCATION



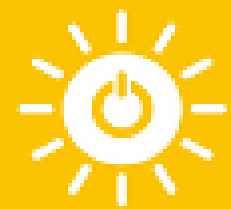
5 GENDER EQUALITY



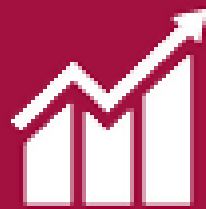
6 CLEAN WATER AND SANITATION



7 AFFORDABLE AND CLEAN ENERGY



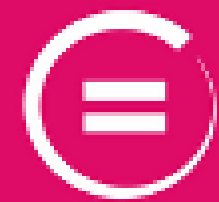
8 DECENT WORK AND ECONOMIC GROWTH



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



10 REDUCED INEQUALITIES



11 SUSTAINABLE CITIES AND COMMUNITIES



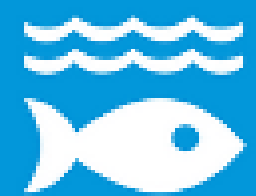
12 RESPONSIBLE CONSUMPTION AND PRODUCTION



13 CLIMATE ACTION



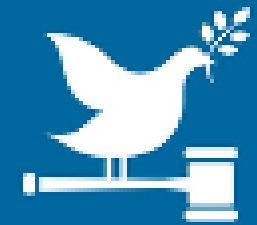
14 LIFE BELOW WATER



15 LIFE ON LAND



16 PEACE AND JUSTICE STRONG INSTITUTIONS

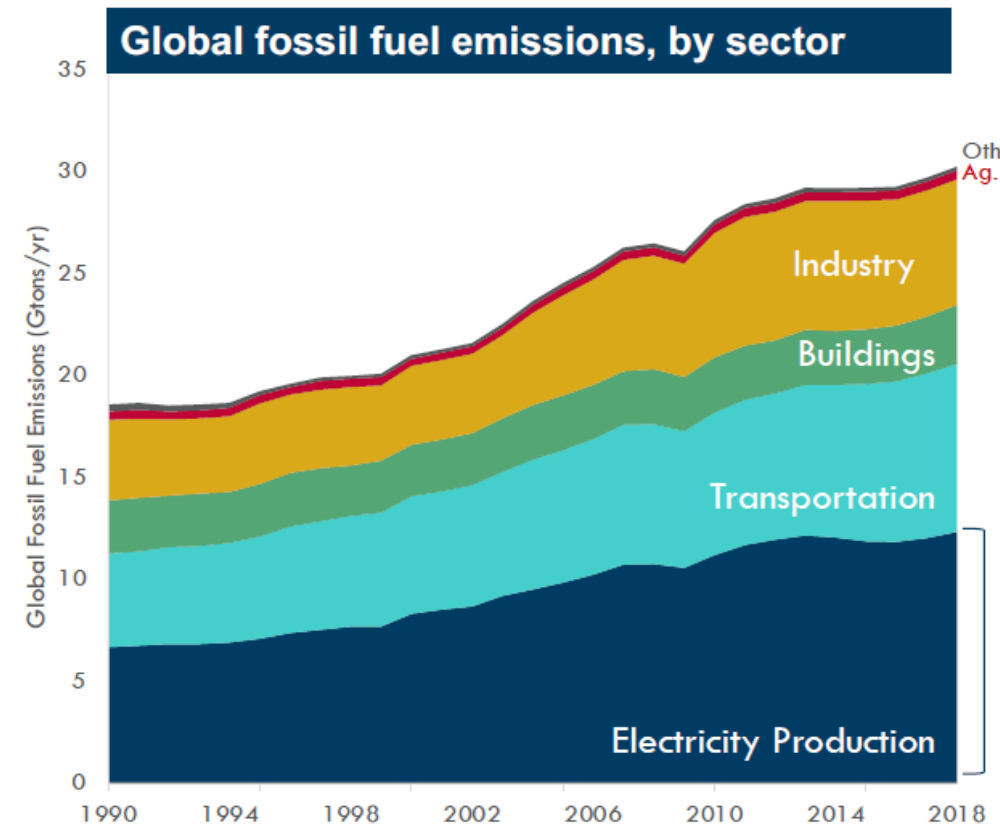


17 PARTNERSHIPS FOR THE GOALS



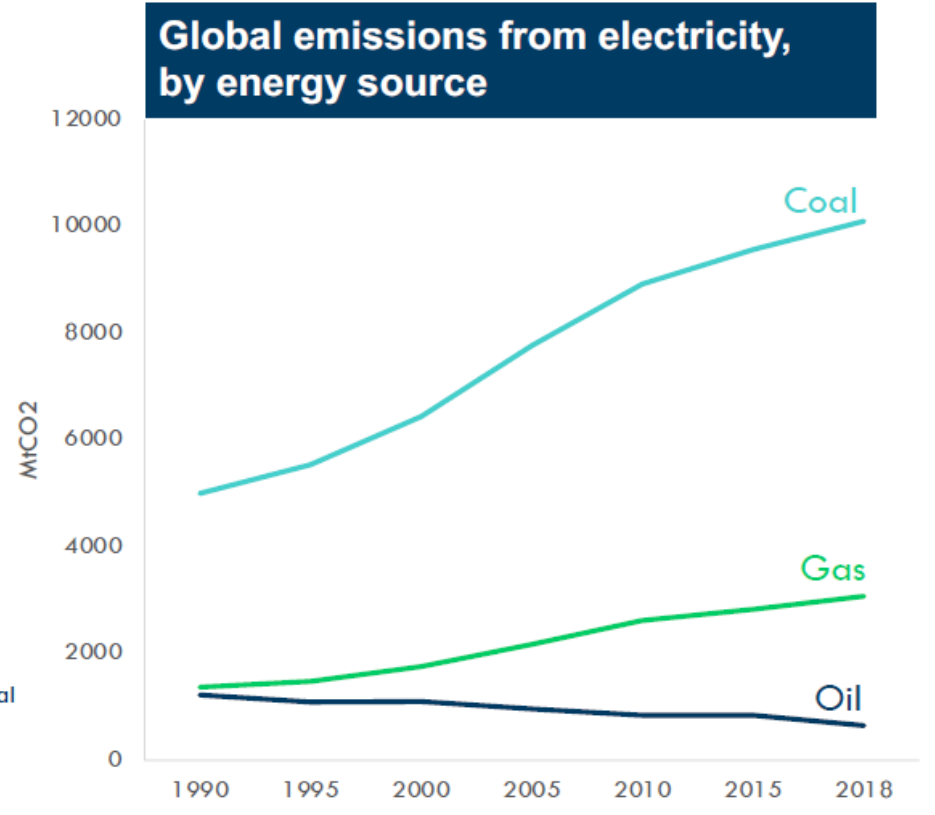
Decarbonizing Energy (RMI)

The emissions reductions we need this decade come from the electricity system



RMI – Energy. Transformed.

Source: [IEA Beyond 20/20, 2021](#)



Source: [IEA Data Browser, 2021](#)

Powering Decarbonization

What is Inclusive and Just Energy Transition (UNHLS2021)

To achieve SDG-7 aligned with the Paris Agreement

- Meeting goals of the 2030 Agenda at the same time.
- Provide energy access for the 700 million without electricity and the means of financing the required investments.

The pace and scale of transition is country specific (NDCs)

- Reflects each country's specific circumstances, including availability of finance.

Energy Access is about Lives and real people, not just gasses

- Africa: 900 million w/o Modern Energy Ckg Serv; >600 million w/o Elect.
- Nigeria >180 million w/o MECS; >80 million w/o Electricity (43%)



Drivers of Africa's (Nigeria's) Energy Transition

Demographics

- ❑ 1 out of two new births born up to 2040 will be African
- ❑ By 2025 African population will be more than China and India
- ❑ By 2050 over 2 billion will be in Africa
- ❑ Nigeria-216.7 million now, 400 million 2050

Urbanization

- ❑ Urban population doubled in size since 2000
- ❑ 500 million more by 2040
- ❑ Faster rate than China's two decades of economic expansion
- ❑ Nigeria-51.96% of population in cities, 189 million more into cities by 2050
- ❑ Lagos- population grew 100X from 200,000 to 20 million in two generations
- ❑ Lagos-at current rate will be world's largest metropolis b 2100, 85-100 million

Demand for Transport

- ❑ Oil demand will grow to about 3.1m barrels per day (higher than China)
- ❑ Car fleet demand will more than double/triple
- ❑ Nigeria-vehicle ownership was 36.3 million in 2018, 48.7 million by 2030, 66.6 million by 2040, 76.1 million by 2050 ((Frances Ukonze et al, May 2020)
- ❑ But: advent of Electric vehicle could reduce oil demand significantly (Ban on fossil fuel vehicles Germany-2030, Norway 2025, EU-----***IEA demand for crude will plateau in 2030)

Economic Growth

- ❑ African economy will quadruple by 2040
- ❑ Industrialization and Agribusiness development
- ❑ Nigeria-Among top 10 economies by 2050 displacing UK and France (PwC, 2016)-Nigeria-GDP \$6.4 trillion

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