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Trends in Nigeria

Facts from the *Renewables 2021 Global Status Report*

Nigeria's Top Highlights in 2020

- Nigeria, Africa's largest oil and gas producer, aimed to use 10% of its 2020 stimulus funds (USD 620 million) to install solar systems for up to 5 million households.
- Nigeria was the only one of the top five off-grid solar markets globally where sales increased in 2020, although by less than 1% (compared to a 5% increase in 2019).
- Nigeria, which has one of the largest mini-grid support programmes under its National Electrification Project, aims to electrify 300,000 households and 30,000 local enterprises through private sector-driven solar hybrid mini-grids by 2023. In 2020, Nigeria's Rural Electrification Authority (REA) commissioned several installations under the project, including two solar hybrid mini-grids.

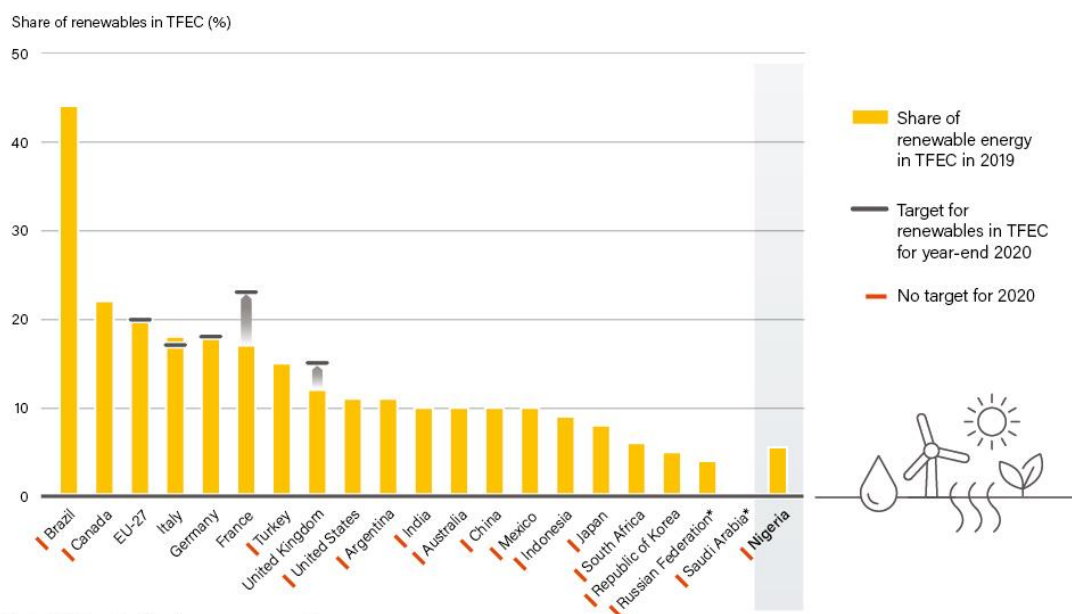
Where does Nigeria stand compared to G20 countries?

The figure below shows that renewable energy made up around 5% of Nigeria's total final energy consumption (TFEC).

Nigeria did not set a target for the share of renewables by the end of 2020, which was not unusual. Only five of the world's largest member economies in the G20 – the EU-27, France, Germany, Italy, and the United Kingdom – had set 2020 targets to achieve a certain share of renewables in final energy use, as seen in the figure below.

Do net zero targets¹ or targets for renewable shares actually support the uptake of renewables? Targets are needed, as they are binding objectives that can be used to hold countries accountable. Setting net zero targets alone does not necessarily lead to greater attention to renewables or to success in meeting renewable energy targets. Alongside any kind of target, robust policies and regulations are needed to ensure these targets are met.

¹Click here to read REN21's brief overview of net zero targets: <https://www.ren21.net/net-zero-basics/>


Renewable Energy Shares and Targets, G20 Countries and Nigeria, 2019 and 2020


REN21 RENEWABLES 2021 GLOBAL STATUS REPORT

Global rankings

Total renewable power capacity, end-2020 (Gigawatts)

1. China (908)
2. United States (313)
3. Brazil (150)
4. India (142)
5. Germany (132)
- ... Nigeria (~2)

Renewable power capacity per person, not including hydropower, end-2020

1. Iceland (2.1)
2. Denmark (1.7)
3. Sweden (1.6)
4. Germany (1.5)
5. Australia (1.1)
- ... **Nigeria** (0.01)

Top off-grid solar markets (in alphabetical order)

1. Kenya
2. Ethiopia
3. India
4. **Nigeria**
5. Uganda

The *Renewables 2021 Global Status Report* material is available here: <https://www.ren21.net/gsr>

Questions? Please contact press@ren21.net or +33 1 44 37 50 99.

ⁱ Solar PV capacity data are provided in direct current (DC).