

Renewables 2022 Global Status Report Egypt Factsheet

Key Headlines:

- **Renewables energy shares and targets**
 - Despite massive potential, renewables are stagnating in Egypt. The share of renewables in final energy demand has remained unchanged in the past 10 years.
 - In 2021, Africa's largest district cooling plant was commissioned in Egypt's New Administrative Capital to serve the government and financial districts and another 180 buildings.
 - Egypt wishes to position themselves as positive climate actors and have increased their rooftop PV ambitions (in the case of Egypt, raising the target from 300 MW to 1,000 MW).
 - Egypt has a national hydrogen strategy and in 2022 announced a planned capacity of 1.4GW renewable hydrogen by 2030. Several renewable hydrogen schemes are being planned in the country, including a 1GW liquid organic hydrogen carrier (LOHC) hub at Egypt's East Port.

EGYPT ENERGY STATISTICS

GDP	363.10 billion US as of 2020
Population	102,300,000 as of 2020
USD invested in renewables in the region	Africa and Middle East region invested 12.8 billion USD in renewables in 2021, equivalent to the GDP of Malawi in 2020.
Total installed capacity of renewable power	8.1 GW - Enough to power Nigeria, an unchanged trend (0.5 GW additions in 2021).
Renewable energy developments in past 10 years	Renewable energy share in final energy demand remained the same between 2009 and 2019.

RENEWABLE ENERGY POLICY SITUATION IN EGYPT

Indicator	Sector and year
Renewable energy targets	<ul style="list-style-type: none"> • Economy-wide RE: 12% by 2030. • Power: 20% generation by 2022, 42% by 2035. • Transport: ICE ban by 2040.
Net-zero target	Egypt does not have a net zero target. however, 1.5°C compatible pathways target emissions reductions of 63-68% by 2050 below 2015 levels.
Renewable energy policies	
<i>New policies in 2021</i>	<ul style="list-style-type: none"> • One of 40 countries with a pledge to ban coal-fired power generation.

GLOBAL RANKINGS

Total renewable power capacity, end-2021 (GW)	Renewable power capacity per person, not including hydropower, end 2021 (GW)	Leaders in renewables share in total final energy consumption, end 2019 (%)
1. China	1. Iceland	1. Iceland
2. USA	2. Denmark	2. Norway
3. Brazil	3. Germany	3. Sweden
4. India	4. Sweden	4. Tajikistan
5. Germany	5. Australia	5. Brazil
45. Egypt	66. Egypt	74. Egypt

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