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POLICY BRIEF

AFRICA STILL HEAVILY DEPENDENT ON FOSSIL FUELS

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The publication of the latest (74th) edition of the Statistical Review of World Energy (SRWE, 2025) is a good opportunity to take stock of some major trends in the world of energy. In this note, we focus on the African continent. All figures below are taken from this document and refer to the year 2024, unless otherwise indicated.

SRWE figures relate to commercially-traded energies, which include fossil fuels, hydroelectricity, nuclear power and modern renewable energies other than hydroelectricity that are used to generate electricity, such as wind and solar power. These data therefore underestimate Africa's energy consumption, since some renewable energies (wood, biomass) do not always pass through commercial channels.

For several decades, SRWE was the BP Statistical Review of World Energy. The British group withdrew from this project three years ago, but continues to support it. For the third year running, SRWE is published by the Energy Institute (London) in collaboration with Kearney and KPMG.

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FOSSIL FUELS: NEARLY 95% OF AFRICA'S ENERGY CONSUMPTION

It's no secret that we are heavily dependent on fossil fuels (oil, coal and natural gas), which naturally has a major impact on greenhouse gas emissions. It is generally estimated that these energies account for around 80% of global consumption. According to SRWE, their share of total energy supply was almost 87% last year. Hydrocarbons (oil and gas) accounted for 58.7% in 2024. But for Africa, the corresponding figures were 94.5% (fossil fuels) and 74% (hydrocarbons), almost eight points and over 15 points respectively above world averages, which is considerable. The world is therefore not close to being able to do without fossil fuels, and this is even truer for Africa. Oil, still the world's leading energy source, accounted for 33.6% of global energy demand in 2024. For Africa, it was 43.5%, ten

southern Africa, especially South Africa, while oil and/or natural gas production is widespread across the continent. Moreover, Africa's consumption of hydrocarbons is 3.6 times greater than its consumption of coal). Several of them have significant or very significant fossil resources; Africa's per capita energy consumption is very low; the continent's development will require it to produce and consume much more energy; this region of the world contributes very little to climate change; and several countries belong to intergovernmental organizations or coalitions that defend hydrocarbons, such as OPEC (Organization of the Petroleum Exporting Countries - Algeria, Libya, Nigeria, Gabon, Republic of Congo and Equatorial Guinea), OPEC+ (the same plus Sudan and South Sudan), the Gas Exporting Countries Forum (GECF - Algeria, Egypt, Equatorial Guinea, Libya and Nigeria plus, as observers and non-members, Angola, Mauritania, Mozambique and Senegal) and APPO (African Petroleum Producers' Organization, 18 member countries).

natural gas (LNG) exports. These totaled 51.2 billion cubic meters last year (+0.4% per annum over the last ten years), or 9.4% of global LNG exports. The main LNG exporters in Africa are Nigeria and Algeria. Other exporters include Angola, Mozambique, Egypt, Equatorial Guinea, Cameroon and the Republic of Congo (from early 2025, Senegal and Mauritania have been added to the list). That said, African LNG exports have been declining in recent years, reaching 61.6 billion cubic meters in 2019. The 2024 level is the lowest since 2016.

AFRICA "SECURES" A LITTLE MORE OF 4% OF WORLD OIL AND GAS CONSUMPTION

If Africa's share of global energy production is small, its share of global

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