



Background note on Africa's Current Path Energy Future to 2043

Energy demand

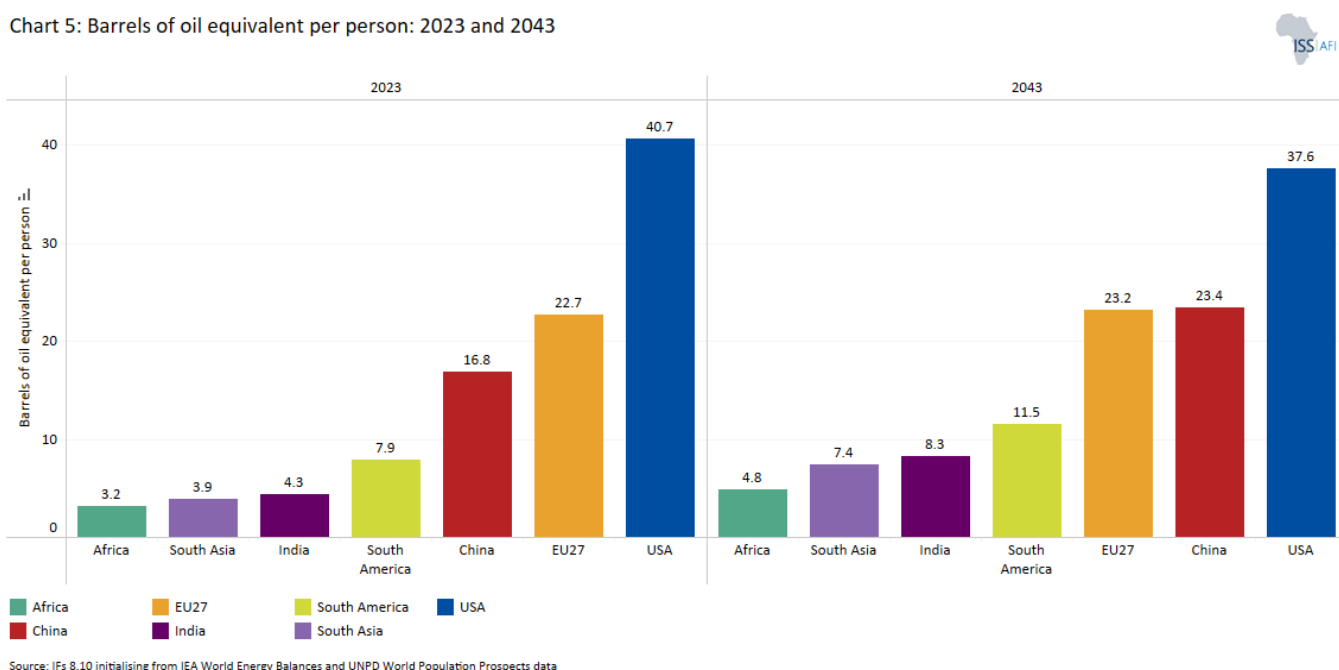
Energy demand

Because the population of Africa will increase from 18% in 2023 to 23% of the world's total in 2043, and development is dependent on energy, Africa's total energy demand will increase from 4.589 BBOE to 10.26 BBOE.

Annual energy use in Africa for 2023 differs between countries and ranges from Libya (18.4 barrels of oil equivalent per person), and Mauritius (16.1) to the Central African Republic (0.6) and Burundi (0.5). On the Current Path forecast, Africa's energy demand will increase to 4.8 barrels per person in 2043.

The average American uses 40.7 barrels of oil equivalent in 2023 and 4.3 in India. By 2043, average US demand will decline to 37.7 barrels, reflecting modest improvements in energy efficiencies.

Chart 5: Barrels of oil equivalent per person: 2023 and 2043



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Jakkie Cilliers (2024) Background note on Africa's Current Path Energy Future to 2043. Published online at futures.issafrica.org. Retrieved from <https://futures.issafrica.org/special-reports/other/Energy/> [Online Resource] Updated 09 November 2023.



About the authors

Dr Jakkie Cilliers is the ISS's founder and former executive director of the ISS. He currently serves as chair of the ISS Board of Trustees and head of the African Futures and Innovation (AFI) programme at the Pretoria office of the ISS. His 2017 best-seller *Fate of the Nation* addresses South Africa's futures from political, economic and social perspectives. His three most recent books, *Africa First! Igniting a Growth Revolution* (March 2020), *The Future of Africa: Challenges and Opportunities* (April 2021), and *Africa Tomorrow: Pathways to Prosperity* (June 2022) take a rigorous look at the continent as a whole.

About African Futures & Innovation

Scenarios and forecasting can help Africa identify and respond to opportunities and threats. The work of the African Futures & Innovation (AFI) program at the Institute for Security Studies aims to understand and address a widening gap between indices of wellbeing in Africa and elsewhere in the world. The AFI helps stakeholders understand likely future developments. Research findings and their policy implications are widely disseminated, often in collaboration with in-country partners. Forecasting tools inspire debate and provide insights into possible trajectories that inform planning, prioritisation and effective resource allocation. Africa's future depends on today's choices and actions by governments and their non-governmental and international partners. The AFI provides empirical data that informs short- and medium-term decisions with long-term implications. The AFI enhances Africa's capacity to prepare for and respond to future challenges. The program is headed by Dr Jakkie Cilliers.