



# Kenya Mombasa solar wind power generation system

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How can the port of Mombasa transition to green energy?

Technical support for a feasibility study to identify viable green energy solutions at the Port of Mombasa lays a major foundation for such a transition. This project shall create new job opportunities around green technologies and renewable energies and associated value chain resulting in increased income levels and poverty reduction.

How many tCO<sub>2</sub>e does Mombasa port emit?

A study conducted by Trademark Africa in 2023 estimated the volume of emissions at the Port of Mombasa to be 532,424 tCO<sub>2</sub>e. The Kenya Ports Masterplan 2018 - 2047 outlines climate change mitigation and adaptation as a critical environmental concern for future port development and operations.

Why is the port of Mombasa a fossil fuel based port?

The Port of Mombasa is no exception as it primarily utilizes fossil fuel-based equipment and fleet to support its port operations. This is part of the larger global challenge where Maritime and shipping activities have contributed approximately 3% to global GHG emissions.

What is Kenya's development strategy?

Kenya's development strategy is built on a vision of sustainable economic growth, climate resilience and inclusive development. Key priorities are outlined in Vision 2030 and supported by the Medium-Term Plan IV (MTP IV), 2023-2027.

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