

Under its "UNDP Cameroon Goes Green" project, UNDP Cameroon has taken steps to reduce its carbon footprint as part of a commitment to bold climate action in line with the UN's "Greening the Blue" initiative.

In this paper, Cameroon's renewable energy potentials, achievements, challenges and perspectives have been investigated. Cameroon has huge and diversified renewable energy resource that has not been fully exploited.

Advancing the renewable energy transition in Cameroon will simultaneously reduce emissions and narrow the irreconcilable difference between rural-urban electrification rates in the country.

Renewable energy provides opportunities to reduce the amount of CO₂ being emitted to the environment. The exploitation of renewable energy sources in Cameroon can therefore potentially contribute to lessening the emission of CO₂ to the environment.

Since renewable energy production is not anticipated to keep pace with demand growth, a significant amount of hydrogen would be needed. In 2040 alone, a substantial quantity of hydrogen (145.16 kt) would be necessary to generate the remaining electricity using fuel cells.

Hele Pierre, the Minister of Environment, Nature Protection and Sustainable Development, said Cameroon is ready to move seriously toward renewable energy - alongside plans to expand fossil fuel plants - but will need financial help to do so.

The urgent need for sustainable energy solutions has intensified the global focus on renewable energy sources, especially in regions like Cameroon, where traditional energy infrastructures face significant challenges.

Renewable heat sources have made fewer inroads in industry, as many important industrial processes such as steelmaking require higher heat than renewable fuels can achieve. New techniques and technologies will be needed to decarbonise these areas.

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Minister of Water and Energy (Minee), announced the Cameroon Reveals Plan to Boost Renewable Energy Output by 1,500 MW by 2035 - Business in Cameroon



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