



African alternative energy solutions

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Email address:

African Sustainable Energy Association, your trusted advocate for Renewable Energy Solutions across Africa.

Solar is one of the cheapest methods of generating electricity on a site and has very little maintenance requirements compared to other renewable energy technologies. It is an environmentally friendly alternative from traditional fossil fuel energy as well as economically viable.

The M& V process is a process whereby data is collected to determine a baseline in the client's energy consumption patterns. This enables us to customize a design to best suit the clients.

Since not much emphasis was placed on energy conservation in the past, most of the older equipment is not energy efficient. An opportunity exists for companies to reduce their energy consumption significantly by upgrading or retrofitting equipment. The major technological focus would be on the hot water system, heating and cooling system, lighting and power factor correction. An energy management plan would be carried out in order to reduce consumption to when it is required. By reducing consumption, there is a reduction in electricity expense and a resultant reduction in the's carbon footprint.

"Africa's leadership is paving the way for a sustainable energy future on the continent and around the world," said William Asiko, Vice President and head of The Rockefeller Foundation's Africa Regional Office. "From mini grids to clean cooking solutions, from policies to regulations, The Rockefeller Foundation is proud to partner with African leaders to scale innovations that can transform vulnerable people's lives and livelihoods."

The Rockefeller Foundation calculates that across 72 countries in Africa, Asia, Latin America & the Caribbean, and the Middle East, there is an 8,700 terawatt-hour (TWh) "Green Power Gap," which represents the renewable energy capacity that must be generated by 2050 for these countries to meet both global development and climate goals. And while an energy transition is already taking hold in many advanced and emerging markets, 42 of the 72 countries are in sub-Saharan Africa, which is home to approximately 600 million people living without electricity, while a significantly large population lack access to affordable and reliable energy.

African-Led Clean Energy Solutions:

Saliem Fakir, Executive Director of the ACF, said: "We are excited about the AEFI. We aim to build indigenous capacity in energy planning, modeling, and economic analysis across the continent. This aligns perfectly with the ACF's approach to climate development investment platforms, as we move towards practical implementation. Our focus is on using knowledge and expertise to drive real change. Our new motto, from policy to implementation, reflects our commitment to solution-orientated action."

Dr. Frederick Nyang, Director of the ASR, said: "We are delighted to secure support for the second phase of ASR's development, which will focus on establishing the ASR as a recognized centre of excellence for energy policy and regulation. We aim to deliver continent-wide reach for our activities, focused on research and training that enhance the regulatory environment, foster innovation, and support the transition to sustainable energy systems."

Samiksha Nair, Chief Strategy Officer of CCA, said: "The Delivery Units Network is an opportunity for CCA to support and amplify an African-led agenda on one of the continent's most pressing climate, health, and energy challenges. We look forward to working with heads of state, ministers, climate envoys, and other leaders as they prioritize this issue, unlock financing at scale, and commit to delivering meaningful results at a national level."

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