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#### **Aqua energy solutions South Sudan**

How can South Sudan's energy sector support peacebuilding?

One possibility for South Sudan's electricity sector is to work with the energy transition objectives of the United Nations (UN) Secretariat, which present new and unique opportunities to unlock a series of clean energy projects across the country. This approach is also a creative way to support peacebuilding.

Does South Sudan have a refining capacity?

Despite being an oil-producing state, South Sudan has no domestic refining capacity. Virtually all access to electricity comes from generators that rely on imported diesel. This energy dependence requires hard currency, which is a drain on the government's limited cash reserves.

How does South Sudan's energy sector affect conflict dynamics?

South Sudan's energy sector is deeply embeddedin the country's conflict dynamics, from the economy's near total dependence on oil production and the accompanying patronage systems to the reliance on imported diesel for access to electricity.

Is South Sudan relying on fossil fuels?

South Sudan's future - and relief from its cycle of conflict - is linked to its reliance on fossil fuels, with limited but possible options for charting a new course.

Aqua Power develops and operates geothermal, biomass and hydro electric power plants. By tapping into these renewable sources, we harness a constant and reliable source of energy, minimising environmental impact and promoting energy independence.

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Discover how Aptech Africa is revolutionizing energy in Juba with innovative solar solutions, empowering businesses and residences to embrace sustainability while reducing costs and reliance on conventional energy sources.

This report looks at the question of electricity access in relationship to South Sudan's conflict and the unique options to help harness renewable energy as a tool for peace and development across the country.

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Aqua-Africa is a U.S. and South Sudan-based NGO focused on delivering sustainable solutions that fundamentally transform communities. Read on to learn how they plan to provide reliable access to clean water, sanitation, and power to communities in South Sudan.

- Sudu Aqua factory for Manufacturing and Assembling of Alternative Energy Equipment: It is a factory that manufactures and assembles a group of equipment that works with alternative energy by analysis water electrically to generate Hydroxy Gas

Aqua Energy Solutions is equipped with most advanced CAD/CAM software including SolidWorks and MasterCAM, with the capability of programming 5-axis milling, 5-axis mill-turning, EDM ...

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South Sudan faces significant poverty-related challenges, with more than 82% of the population living in multidimensional poverty. This includes limited access to basic services, such as clean water, health care, education and adequate nutrition. It is also, however, the least electrified. This situation has been exacerbated by ongoing conflicts, economic instability and ...

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It is a factory that manufactures and assembles a group of equipment that works with alternative energy by analyzing water electrically to generate Hydroxy Gas which emanates high heat that ...

It is a factory that manufactures and assembles a group of equipment that works with alternative energy by analyzing water electrically to generate Hydroxy Gas which emanates high heat that can be used in several fields that will be mentioned later.

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