



# South Sudan verdant energy solutions

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.

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

South Sudan's energy sector is deeply embedded in 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.

Does South Sudan have electricity?

The war has destroyed South Sudan's limited infrastructure, triggering an economic implosion. What electricity it has--and it is the least electrified country in the world--depends entirely on imported diesel to run generators.

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.

Why should you choose verdant energy solutions?

offers you so much more than a easy flow process with Verdant Energy Solutions Pty. Ltd. We offer our customers a turn key solution on their journey. We analyse and design a complete solar solution with upfront estimates on annual solar yields. Installations, procurement and registrations are done by us. Grid-tied, off-grid or smart-grid systems.

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.

In the context of the civil war with no end in sight in South Sudan, this report outlines how a donor-led shift from the current total reliance on diesel to renewable energy can deliver short-term humanitarian cost savings while creating a longer-term building block for peace in the form of a clean energy infrastructure.

Welcome to Petrotech Limited, your premier partner for Engineering and Energy solutions in South Sudan. Since our establishment in 2012, we have been at the forefront of providing top ...

With over 100 years of combined experience in energy development, focusing on gas processing, gathering,



# South Sudan verdant energy solutions

and sustainable solutions, our team is committed to delivering innovative, environmentally responsible projects that drive positive ...

Creative solutions could help South Sudan break this cycle, and in at least one area - renewable energy - unique opportunities exist for the government and its international and national partners to support the development of a new, more sustainable, and widely accessible electricity infrastructure.

We have over 25 years of experience in solar and renewable energy to offer our customers. We specialize in modern solutions with new generation technology, commercial and residential to secure a functional work and living space.

This report explores the potential for renewable energy to support local energy access and peacebuilding in South Sudan, the newest and least electrified country in the world, by leveraging the renewable energy transition of the UN peacekeeping mission (UNMISS) - the single largest generator and consumer of electricity in the country.

Our focus is on delivering sustainable, scalable, and cost-effective renewable energy solutions that contribute to a cleaner and healthier planet. We leverage our expertise in project development, financing, and operations to bring innovative renewable energy projects to fruition.

Creative solutions could help South Sudan break this cycle, and in at least one area - renewable energy - unique opportunities exist for the government and its international ...



## South Sudan verdant energy solutions

