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Possible Role of Renewable Energy Towards Resolution of Conflict and Establishing a Sustainable Peace in Sudan

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ABSTRACT:

Sudan's national cultural tapestry is woven from various tribes and ethnicities. The two primary groups that shape the country's landscape are:

1. **Nomadic Pastoralists:** These communities traverse the vast Savannah and Saharan regions of Sudan with their livestock. They have adapted to a mobile lifestyle, persistently facing conflicts due to resource competition and territorial disputes. Historical grievances and marginalization have contributed to their challenges and resulted in the build-up of militias.
2. **Sedentary Agriculturalists:** In contrast, this sedentary population resides mostly along the Nile River and in rain-fed areas, engaging primarily in agricultural practices.

These two distinct ways of living have created an imbalance in development, leading to the present conflict. The lack of a comprehensive national plan for equitable service distribution has fueled militia buildup and antagonistic stances. Addressing these disparities and fostering understanding between the two groups is essential for stopping the conflict and building sustainable peace.

Given Sudan's abundant solar resources, photovoltaic energy could mostly play a crucial role in the war in Sudan. Solar energy can practically address displacement crises, assist in creating adequate shelters, provide medical care, and facilitate food transport and storage. Most importantly, encouraging nomads to *settle* using solar power can foster development and lasting peace in the country. The international environmental challenges related to excessive carbon emissions have brought renewable use energy to the forefront and made it transportable and universally available at lower costs. International organizations, intergovernmental bodies, and aid agencies in Sudan should actively support the sustainable use of renewables during and beyond Sudan's current predicament. They should all strive to convert Sudan's beleaguered situation into a model for a hopeful transition into a peaceful green world.

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