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## Electric sector overview: Hydropower potential and priority for dams' development in Sudan

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Sudan has a plenty of water resources to produce electricity. An overview of the electricity situation in Sudan is introduced with reference to hydropower potential and distribution. Hydropower utilization in Sudan is now a major issue. Sustainable low-carbon energy scenarios for the new century emphasize the untapped potential of hydro-energy resources. The increased availability of reliable and efficient energy services stimulates new development alternatives. It is concluded that hydropower environmental friendly energy must be encouraged, implemented and demonstrated by full-scale plant for rural electrification.

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