

The energy situation of the African island states which include Cape Verde, São Tomé and Príncipe, Comoros, Guinea-Bissau, Madagascar, Mauritius and Seychelles are overwhelmingly dependent on fossil fuels with paradoxically high potential of renewable energy which are sparsely developed.

Around 9% of the population would be served by renewable energy-based hybrid mini-grids and stand-alone systems. Guinea Bissau is on the way to become a hub for testing and demonstration of grid-connected and mini-grid solar PV systems.

The expected results in the energy sector are: installing 500 solar street lamps, reducing energy loss, finalising the 225-kV western backbone interconnection line in the Gambia basin and developing renewable energy.

João Saad, State Secretary of Energy, added, "The National Action Plans for Renewable Energy and Energy Efficiency provide a coherent vision how to achieve universal access to sustainable energy services. We need to reduce our dependence on diesel imports for power generation rapidly."

The Guinea Bissau objective is to decisively transform the energy sector in the decade 2015-2025, with strong investment in improving energy access both on grid and off grid, exploit available renewable energies and improving efficiency ...

This study identifies business models applied to support the introduction of renewable energy and the key factors for the implementation of HRMGs on small islands. This review highlights how developed islands are successful in ...

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The project "Promoting investments in small to medium scale renewable energy technologies in the electricity sector in Guinea-Bissau " is a full-sized project funded by the Global Environment Facility

West Africa has abundant renewable energy resources - including solar, wind and hydropower - that could be leveraged for regional integration and economic development. Improving cross-border energy

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