



Workshop de Investimento

Energia Sustentável na Guiné-Bissau

Guinea Bissau Sustainable
Energy Investment Workshop



Desenvolvimento hidroelectrico de Saltinho



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Banco Africano para o Desenvolvimento

African Development Bank



Saltinho run-of-river hydropower station project



ORGANIZAÇÃO:



APOIO:





Saltinho run-of-river hydropower station project

- Design, construction and operation of a **20 MW** to 54 MW (to be confirmed by the feasibility study) turnkey run-of-river hydropower station in Guinea Bissau.
- This greenfield plant shall be interconnected by a T-line to Bissau to be undertaken under the framework of the regional project by the “**Organisation pour la Mise en Valeur du fleuve Gambie**” (**OMVG**), co-financed by AfDB.
- OMVG is the executing agency for integrated development programmes in **The Gambia, Guinea, Guinea-Bissau and Senegal**, and focuses particularly on the rational management of the joint resources of Rivers Gambia, Kayanga-Géba and Koliba-Corubal, whose basins have power-generating potential.
- AfDB supports the implementation of the OMVG Energy Project under **co-financing arrangements** with AFD, the World Bank, EIB, IsDB, KFW and the States concerned.

ORGANIZAÇÃO:

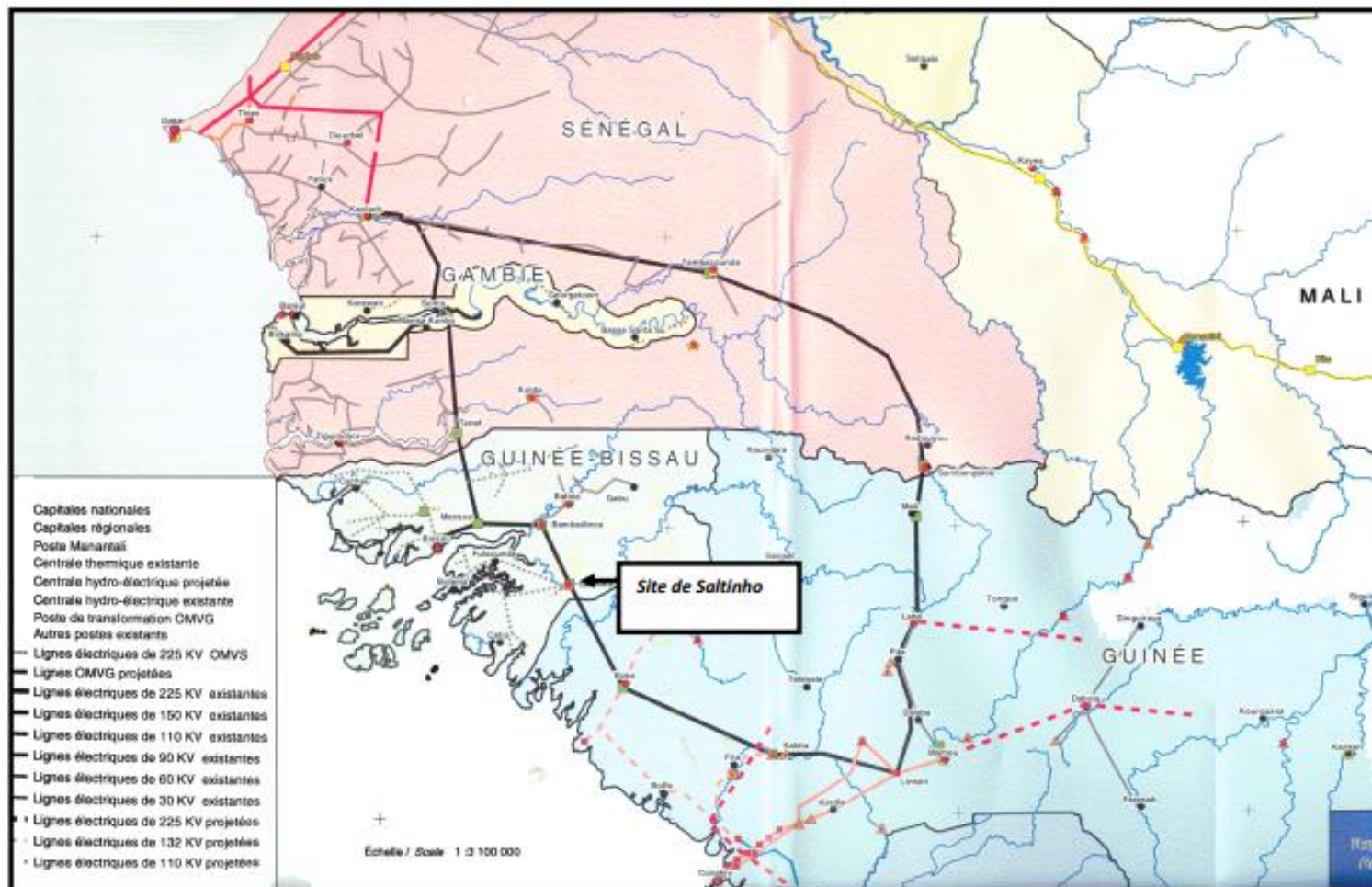


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Saltinho run-of-river hydropower station project

- At the regional level, it is a priority project in OMVG's second phase of the hydropower development program, which plans to add additional 195 MW to 229 MW capacity by 2022/2023.
- **Early stage project.** Currently, under recruitment phase for consulting firms to perform feasibility studies.
- Total cost (estimated): **USD 83 million**
 - Development phase: USD 3.3. million
 - SEFA is expected to co-finance with a grant of USD 0.96 million
 - Feasibility study
 - Design of the adequate institutional and and financial PPP scheme.
- Depending on the outcome of the studies, the project is more likely to be structured as a PPP or IPP.
- Potential off-takers include power utilities of OMVG countries and private mining operators.

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Value for the country

- **Increased energy independence:** harnessing an indigenous resource when the country relies heavily on imports of fuel and electricity.
- **Energy exports:** and the opportunity to generate revenues for the country.
- **Lower energy costs:** currently one of the highest in the region in KWh terms, lower costs will increase economic competitiveness.
- **Knowledge transfer:** occurring during the construction and management of the project will develop local capacities.
- **Private sector engagement:** will serve as a model for future private sector investments in the country, high demonstration effect.
- **Climate mitigation benefits:** clean power reduce the heavy overdependence use of imported diesel and HFO (GHG emissions reduction potential up to 90,000 tons of CO₂/yr).

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