Desenvolvimento hidroeléctrico de Saltinho

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Saltinho run-of-river hydropower station project
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• 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.
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- 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 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.
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).