

11. Fomi Multipurpose Dam Development Project

Project description and objectives

The **degradation of the Niger River Basin ecosystem** may ultimately compromise the existence of local populations and deteriorate their living conditions. This is why the development of the **Fomi dam** is the best alternative for sustainable development in the **Upper Niger**, a guarantee of safeguarding the natural resources of the river basin. The **project objectives** are to:

- **Regularise the river regime** and preserve the Niger Basin ecosystems
- **Improve the living environment** of local populations through the production of low-cost electricity
- **Ensure basic water supply** and livestock watering needs
- **Develop Irrigated Agriculture**
- **Produce low-cost hydroelectricity**
- **Develop fishing** and fish farming
- **Improve river navigation** and **develop ecotourism**.

Location on Map



Project status	Financial needs
The project is in the Transaction Support and Financial Close stage (S3B)	Project Cost Estimate : USD 55.20 Million
Key parties	Technical specification of the project
	Water level (normal reservoir): 396 m Reservoir volume: 4 978 Mm ³ Reservoir area: 367 km ² Maximum height of the dam: 50 m Length of the average concrete dam: 192.12 m Hydraulic turbine: Number: 3 Model: ZZ550-L J- 470 Nominal output power: 30.93 MW Nominal flow rate (unit) of the turbines: 151.32 m ³ /s.

Gewnder procurement actions

The project has the potential to subcontract to women-owned SMEs or certified companies as subcontractors.

Link: <https://pp2.au-pida.org/approved-project/entry/4ejcx/>