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**

![Location on Map](image)

**Project status**

The project is in the **Transaction Support and Financial Close** stage (S3B)

**Financial needs**

Project Cost Estimate: USD 55.20 Million

**Key parties**

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<td>Benin</td>
<td>Burkina Faso</td>
<td>Cameroon</td>
<td>Chad</td>
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**Technical specification of the project**

- Water level (normal reservoir): 396 m
- Reservoir volume: 4 978 Mm³
- Reservoir area: 367 km²
- 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 m³/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/](https://pp2.au-pida.org/approved-project/entry/4ejcx/)