

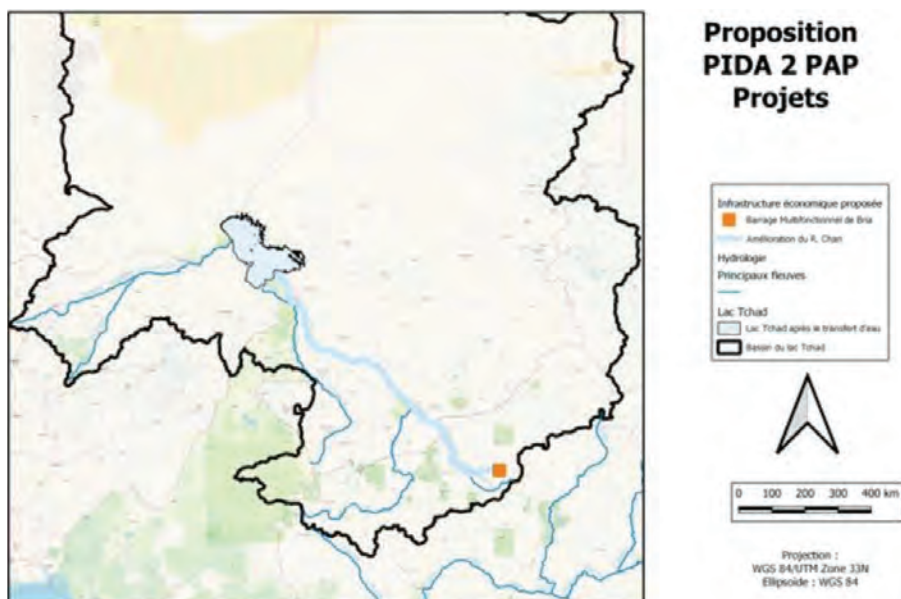
15. Mobilisation and Transfer of Water from Bria Dam to Lake Chad

Project description and objectives

The Lake Chad basin has many flood-prone areas that are affected year after year. These areas are concentrated along the Chari and its tributaries, near Guelendeng, Bousso and the Am Timan area, east of Sarh. The loss of water in these sections promotes the drying up of Lake Chad. The overall **objectives of the project** are to:

- Ensure the implementation of a technical process to **improve the hydraulic capacity** of the Chari River to limit losses in the flood plains;
- Design the **facilities and infrastructure necessary** for the transfer of water by gravity from the Bria Dam to the Chari River
- **Optimise the various components for hydropower generation, irrigation development and flow support** while minimising potential negative impacts.

Location on Map



Link: <https://pp2.au-pida.org/approved-project/entry/itie4/>

Project status	Financial needs
The project is in the Pre-feasibility stage (S2A)	Project Cost Estimate : USD 25.6 Million
Key parties	Technical specification of the project
	<ul style="list-style-type: none"> ▶ Preliminary analysis has shown that if some of the water from the floodplains were diverted to Lake Chad, this could improve the drying of the lake and allow for an average rise in water levels of between 0.4 and 1m ▶ In addition, the Chari River faces a serious silting problem along its entire length and contributes to sediment transport and silting of Lake Chad.
Gender procurement actions	
<ul style="list-style-type: none"> ▶ Capacity building of contractors and public institutions on methodologies to increase women's participation ▶ Establish standards for bidders to demonstrate their track record in promoting gender specific activities ▶ Establish gender-sensitive monitoring and reporting mechanisms. 	