7. Dawa River Multi-purpose Dam

**Project description and objectives**

The proposed Dawa Dam will on River Dawa. The site is located approximately 20 km upstream of Rhamu Dimtu town in Mandera County of Kenya and 2 km upstream of Boni centre in Ethiopia. The estimated dam height is about 90 m with a capacity of approximately 4.5 Billion M³ and can be utilised to generate 8.2 MW of hydropower. The project objectives are:

- Provide irrigation water, hydropower generation, flood mitigation, and a source for drinking water for livestock and human beings
- Protect water resources, storing the floods for use during the dry season
- Fishing for livelihood
- Irrigation potential, changing from peasant irrigation to modern irrigation.

**Location on the Map**

[Map Link](https://pp2.au-pida.org/approved-project/entry/6nw5l/)

**Project status**

The project is in the **Project Definition** stage (S1)

**Financial needs**

- Preparation Costs: USD 12 Million
- CAPEX Cost: USD 603.5 Million
- Overall Operation and Maintenance: USD to 5 Million

**Key parties**

![Ethiopia](flag.png) ![Kenya](flag.png) ![Somalia](flag.png)

**Private sector opportunities**

- Proposed type of financing is 76% of either grant or loan from development banks to cater for the actual work, 19% balance to be equity from respective governments to cater for land acquisition and environmental conservation, while balance of 5% to be from the beneficiaries to cater for operations and maintenance of the infrastructure. (IGAD Regional Infrastructure Master Plan (IRIMP))
- Hydropower will stimulate the much need agro-industries for value addition of the agricultural potential outputs. Farm by-products will offer the much-needed hay for the animals, thus ensuring the community acquires resilience to the climatic challenges of droughts and floods.