

# Muvumba Multipurpose Water Resources Development Project

## A. Background

Muvumba Multipurpose Dam Project will construct a dam of 30.5m high and will impound 35 million cubic meter of water in Karama, Gatunda and Rukomo sectors and will supply water for domestic use to Karangazi, Rwempasha and Nyagatare sectors, this dam will supply water for irrigation of 7380 ha (net command area) and water for 16 reservoirs for livestock and it will produce annual energy of 5719 Mwh with installation capacity of 740 KW (370x2). The implementation of this project will affect 489.02 ha of land, different crops and 265 houses.

The program objective is to improve water, energy and food security of Nyagatare District by harnessing water resources for irrigation, domestic & livestock water supply and hydropower use while ensuring sustainability of the resources and building resilience against climate change and variability through catchment protection, and capacity development.

### A.1. Location of Muvumba Dam Project



The first phase of the program will primarily focus on dam construction including installation of the hydropower plant and preparatory studies for downstream investments for water supply and irrigation.

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