

Background

The project for interconnection of the five Nile Basin Initiative (NBI) countries (Burundi, Democratic Republic of Congo, Kenya, Rwanda and Uganda) came after an observation that they are confronted with development challenges due to the size and lack of diversification of their respective economies, their landlockedness and high energy costs requiring subsidies from governments.

The Rwanda scope initially covered 220kV transmission lines and associated substations for two components which were: **Mirama-Birembo** (106km) in the Northern and **Kibuye-Gisenyi** (68 km) in the Western part of Rwanda with both components financed by African development Bank under a **30.47** Million Units of Account (UA) Grant that was signed on 16th March 2009 between ADF and Ministry of Infrastructure on behalf of the Republic of Rwanda. In the same protocol of agreement the Republic of Rwanda committed to contribute **1.93** million Units of Account totaling to the project cost of thirty two million four hundred thousand Units of Account (**32,400,000**). ADF funding did not cover all the appraised components of Kigoma-Rwegura and Gisenyi-Kigali which attracted KfW and Government of Netherlands for appraisal and funding: These were appraised as interconnections between Rwanda and DRC (Kibuye-Gisenyi-Goma-Kigali) and Rwanda-Burundi (Kigoma-Ngozi-Gitega) that were jointly financed by AfDB/KfW/government of the Netherlands and KfW/EU respectively.

Project data

Interconnection of Rwanda-Uganda. Rwanda Scope		
Financier: AfDB		
Description	AfDB	GoR
Grant Number	2100155018518	
Project ID Number	P-Z1-FAO-021	
Loan/Grant amount	UA 30, 470, 000	
Date of Grant Agreement signature	16th March, 2009	
Date of Grant Effectiveness	16 th March, 2009	
Date of first disbursement	10 th January, 2012	
Original Date of last disbursement	31 st December, 2014	
Revised last disbursement date	30th June, 2016	
Counterpart funding deposited for both components		1.93 M Units of Account
Expected commissioning including installation of the second circuit	October, 2014	
Date of Contract signing with Supervising firm	25 th August, 2011	
EPC Contract signature	21st Nov, 2013	
EPC Contract effectiveness	19th Dec, 2013	
Interconnection of Rwanda-Uganda. Rwanda Scope		
Financier: Joint Financing between KFW, AfDB and Government of Netherlands		
Grant Number	2009 67 505	
Date of Grant Agreement signature	24 th November, 2011	
Date of Contract signing with Supervising firm	29 th July, 2012	
Date of first disbursement	22 nd October, 2012	
EPC Contracts signature	19th Nov, 2013	
Effectiveness of EPC Contracts	13th Jan and 14th Feb, 2014	
Expected commissioning	Dec, 2015	

Objectives of the Project

- ✓ Improve the living conditions of the peoples as well as the quality of the socioeconomic development environment of NBI member countries through increased availability of affordable electric energy
- ✓ Enforcing regional integration in the electricity sector as well as improved security of supply and availability of electricity
- ✓ Contribute to stronger regional integration of the regional electricity market and contribute to increasing the energy supply and reducing the costs of energy supply.

Project name	Project Components	Estimated Budget without VAT (USD)	VAT Amount (FRW) paid by Rwanda	Financier	Contractor	Consultant
Rwanda-Uganda 220kV, double circuit Interconnection (98km for Rwanda scope)	Construction of 220kV Transmission Line from Uganda boarder to Shango/Gasabo district (98km)	22Million USD	917,000,000	AfDB	Bouygues Energies and Services	Fichtner
Regional Transmission Line Kibuye-Karongi-Rubavu-Goma-Kigali (Rwanda-DRC), 183km, 220kV double circuit design with 5 substations	Construction of Karongi-Rubavu- Shango-Birembo 220 kV transmission line	32,749,903.00	1,221,278,049.91	Joint financing between AfDB, KfW and Government of Netherlands	KALPATARU	AECOM Consultant Inc.
	Construction of Karongi, Rubavu, Shango and extension Karongi 110kV and Birembo substations	33,263,796.72	1,438,111,894.09	Joint financing between AfDB, KfW and Government of Netherlands	Isolux ingenieria, S.A.,	

Other pipeline Projects include

- Rusumo-Bugera airport-Shango which is funded by African Development Bank (the project is in its early stages), a loan of 25.384 M Units of Account from AfDB and Nigeria Trust Fund (NTF)
- Kigoma/Rwanda-Huye-Ngozi-Gitega/Burundi (19 M Euro grant from KfW), current under contract negotiations with Supervising firm