

## Project Portfolio

ZAMBIA				
Project title	Funding Partners	Time Scale	Total Budget	Description
<b>I. PROJECTS RECENTLY IMPLEMENTED</b>				
Power Rehabilitation Project	World Bank	1998-2005	US\$ 198.4 million (Total project cost includes funding from World Bank and non-bank sources)	The project includes 1) rehabilitating hydropower stations and distribution and transmission systems 2) implementing a rehabilitation and development program for the Gwembe-Tonga, a group unsuccessfully resettled during Kariba Dam construction; 3) improving the efficiency of ZESCO.
Agricultural Sector Investment Project	World Bank	1995-2005	US\$ 60 million (Total project cost includes funding from World Bank and non-bank sources)	The project has four main components: policy and institutional improvements, public investment, private sector development, and pilot investment schemes, which will establish a rural investment fund to support small-scale capital investments in rural communities.
Smallholder Irrigation and Water Use Programme	IFAD, IDA, Government, Beneficiaries	1996-2002	US\$ 11.2 million	The programme's objectives included: (i) reinforcing informal irrigation systems; (ii) transferring ownership and management of government irrigation systems to farmers; (iii) organizing small-scale farmers into water users' associations; (iv) strengthening local institutions
Southern Province Household Food Security Programme	IFAD, UNDP, Government, Beneficiaries	1995-2002	US\$ 23.4 million	Project activities included: (i) ensuring agricultural extension services; (ii) ensuring that research and technical assistance supported extension services according to farmers' needs; (iii) providing animal production and health care services; (iv) distributing drought-resistant seed varieties for traditional crops; (v) providing on-farm storage facilities; (vi) creating a fund to support community initiatives such as building of earth dams, cattle dips and irrigation works; (vii) improving access roads; (viii) providing safe water supplies

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<b>II. ON-GOING PROJECTS</b>				
Small Scale Irrigation Project	AfDB/ADF; Gov. Of Finland	2002-2009	US\$ 11.0 million; US\$ 10.9 million	1 900ha on 6 small scale schemes + support services. Project ending 2008.2009
Water Sector Performance Improvement Project	World Bank	2006-2012	US\$ 23 million (Total project cost includes funding from World Bank and non-bank sources)	The project aims to support the government's on-going commitment to urban and rural water sector reforms by improving access to and sustainability of water and sanitation services for consumers in Lusaka.
Agricultural Development Support Project	World Bank	2007-2012	US\$ 30.0 million	Small irrigation component (80ha cotton seed farm project) Cotton Development Trust
Kafue Gorge	ZESCO	End: 2008	US\$ 50 million	Hydropower Project on the Zambezi River. Up rating from 6 x 150 MW to 6 x 165 MW. 2 units uprated to 2 x 165 MW. 2 units being uprated to 2x165 MW. Last 2 units to be uprated by Dec 2008.
Kariba North Bank	ZESCO	End: 2009	US\$ 60 million	Upgrading from 4 x150 MW to 4 x 180 MW. 2 units have been uprated to 2 x 180 MW, one unit being uprated. Last unit to be uprated mid 2009.
Power Rehabilitation Project	World Bank European Investment Bank, DBSA, NORAD, Gov. Of Finland, CFD, AfDB, Government & ZESCO	1998-2005 (2009)	About US\$ 273 million of the estimated project cost of US\$ 317million at completion has been disbursed and about US\$ 44 million is required to complete the remaining works	The project includes 1) rehabilitating hydropower stations and distribution and transmission systems 2) implementing a rehabilitation and development program for the Gwembe-Tonga, a group unsuccessfully resettled during Kariba Dam construction; 3) improving the efficiency of ZESCO. The remaining works are scheduled to be completed by January 2009 at Kafue Gorge and September 2009 at Kariba North bank Power Station.

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<b>III. PIPELINE PROJECTS</b>				
Bankable Investment Project Profile (BIPP): Nega–Nega Irrigation Scheme Development	FAO-NEPAD		US\$ 11 184 825; US\$ 39 000 pre feasibility	Pre feasibility studies undertaken for Lubu, Nyamphande and Lusitu. Report under consideration It is a demand driven project and brainchild of the commercial and small–scale farming community of Nega–Nega, Magobbo, Lubombo, Kashesha and Makuku farming area in Mazabuka district. The government has given top priority to the development of this irrigation scheme.
Irrigation Development Support Project (previously the Commercial Agricultural Development Project)	World Bank	2010-2016	US\$ 53 million	Commercial irrigation project – large and small scale. Awaiting feasibility studies.
Mid Zambezi Project (Zambia, Zimbabwe and Botswana)	AfDB + others	2008-2015	US\$ 57.0 million (Zambia)	1,550ha small scale irrigation + roads. Project not started yet. Zambia opted for National programme
Adaptation of the Effects of Drought in the context of Climate Change in Agro-Ecological Region I of Zambia	MACO		US\$ 3 000 000	The overall objective is to reduce the vulnerability of those depending on rainfed agriculture practices to anticipated rainfall shortages in the face of climate change including variability. It will focus on the introduction of irrigation and water management systems, training, capacity building of farmers on water management practices, support to marketing, provision of credit.
Adaptation of land use practices (crops, fish, and livestock) in light of climate change	MACO, ZNFU		US\$ 1 200 000	The objectives of the project are to enhance improved food security, income generation and business opportunities in all agricultural sectors; and to identify species best suitable for aquaculture under changing climatic conditions due to global warming
Kariba North Bank Extension	ZESCO /Private Partner	End: 2012	US\$ 312 million	2x180 MW hydro extension. Dam already exists. Financing negotiations being done in conjunction with Kafue Gorge Lower but priority is being given to the implementation of Kariba North Extension. Detailed engineering design needs to be done.
Itezhi-Tezhi	ZESCO /Private Partner	End: 2011	US\$ 270m million	Hydropower project on the Zambezi river. Capacity: 120 MW. Project targeting local and export market. Main technical issues agreed. Agreement signed with TATA Africa on implementation of the project. Preparatory works already commenced. Cost of Power Station \$190m and \$80m is cost of transmission
Kafue Gorge Lower	ZESCO /Private Partner	End: 2015	US\$ 1.5 billion	Earth rock fill type dam proposed upstream of existing station. Capacity: 750 MW. Project targeting local and export market. Discussions underway with potential investors. Reservoir operation studies done to select dam site location. Project now overseen by the Ministry of Energy and Water Development of Zambia
Kabompo	ZESCO /Private Partner	End: 2012		Hydropower project on the Zambezi River. Capacity: 34 MW. Private.
Kalungwishi	IPP	End: 2013		New hydro power development (210 MW). Feasibility study to be done.

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Batoka (Regional Projects: Zimbabwe and Zambia)	(SAPP)	2013 - 2018	US\$ 1 250 million	Project entails the construction of a run off the river hydro power plant on the Zambezi River, 54km down stream of the Victoria Falls. Project lead-time is 6 years. 4 x 200 MW units on either side of the dam (Total 1 600 MW) with capacity shared equally between Zimbabwe and Zambia. To target regional market. Zambezi River Authority is coordinating the dam part of the project. Feasibility Studies completed. Agreement between Zimbabwe and Zambia needed to proceed with the project. Project lead-time is 5 years from financial closure.
Mombututa	(SAPP)	End: 2018		Hydropower project on the Zambezi River. Capacity: 900 MW.

**Source:** Sirte 2008 conference