

Aquavirunga Ltd

PPP for the
Design-Rehabilitate-Finance and
Operate of water supply systems in
Rwanda



Rwandan Water Sector Policy

Vision 2020

- Whole population has access to drinking water in 2020

Main policy orientations:

- Decentralisation of ownership and responsibility
- Promotion of Private Sector Participation
- Involvement of beneficiaries



Opportunity for our PPP project



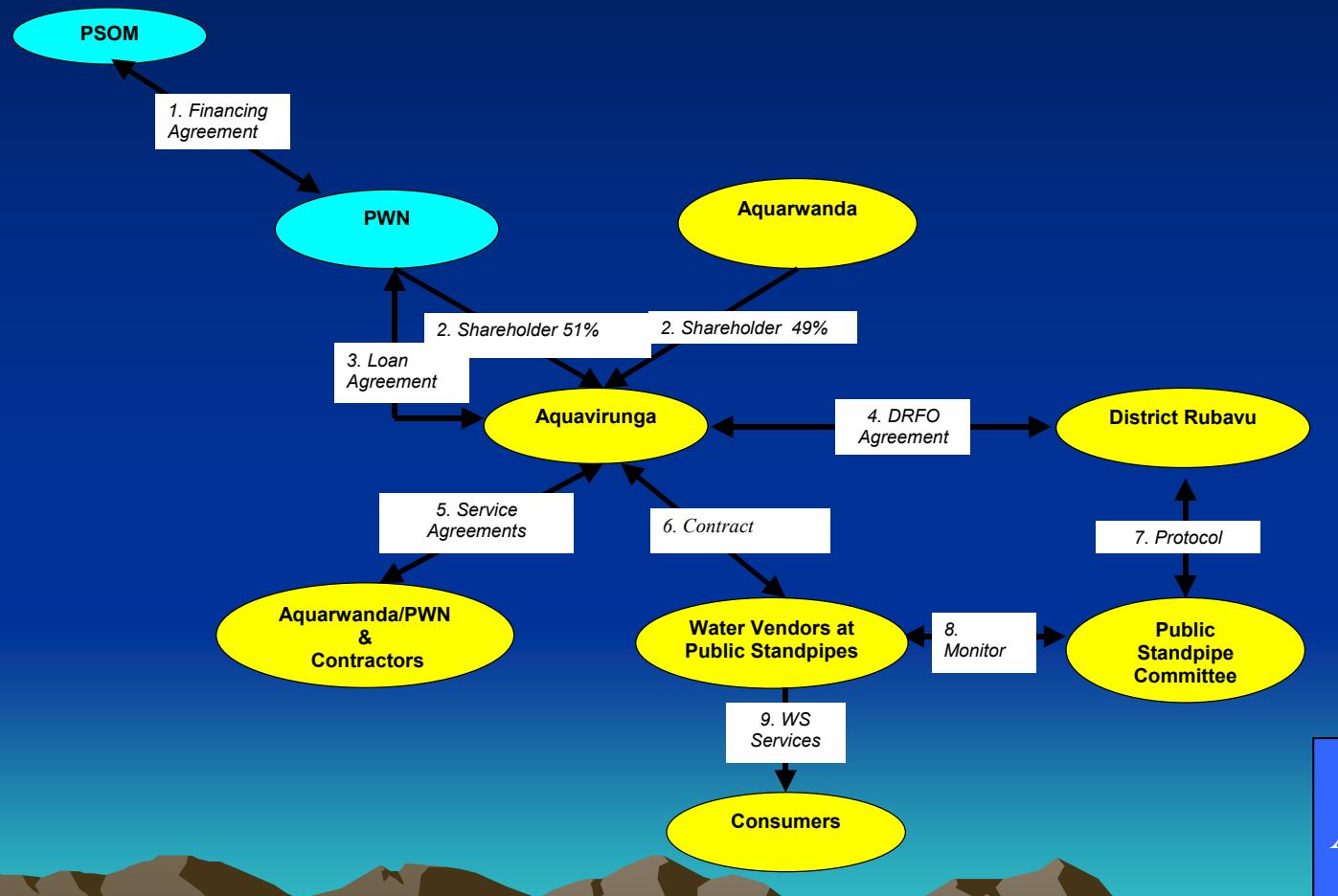
Objectives of the PPP project

- To rehabilitate the existing Yungwe-Bikore water supply scheme
- Assure a reliable and continuous delivery of drinking water of a good quality to the population living in the service area of the scheme.
- To set up an organisational structure, methods, tools and management for assuring a proper and sustainable operation and maintenance of the system;
- To develop the administrative, technical and financial performance of the Rwandese staff.



Structure of the PPP project

Fig. 3.1: Institutional structure of the project



Main characteristics of the DRFO Contract

	District	Operator
Ownership	Infrastructure	Operating equipment
Responsibilities with respect to Infrastructure	Extension and Renewal	Initial Rehabilitation and O & M
Responsibilities with respect to service delivery to consumers	Support operator where necessary a.o. arrange licenses, protect infrastructure, sensitise the population to pay for water, etc.	Continuous supply of water of good quality and sufficient quantity and retain good relation with the consumers
Remuneration	Royalty as a function of water sales	Receipts from water sales

Characteristics of the project

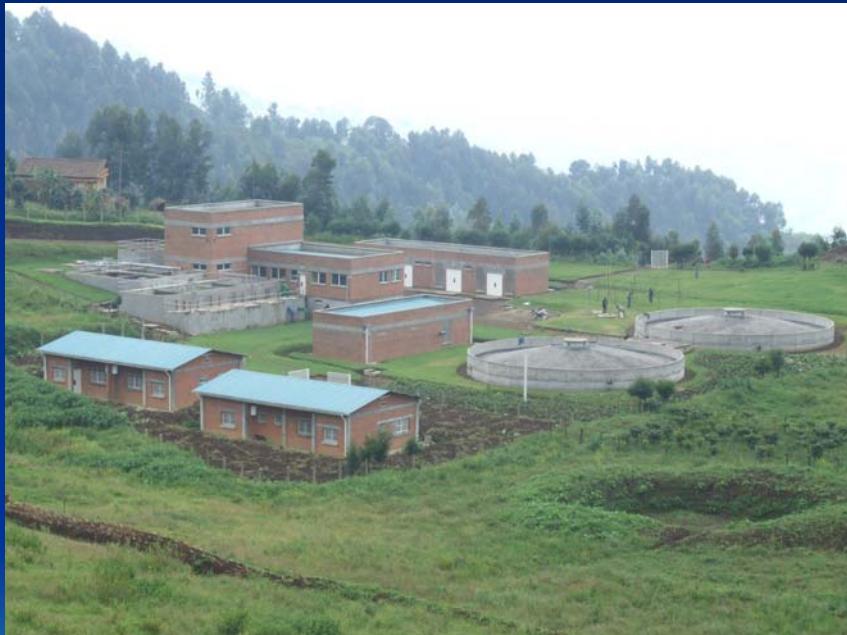
- 4 water sources
- 10 km of transmission mains
- 2 treatment plants (cap. 2100 m³/day)
- Office, laboratory & workshop
- 1 pumping station (cap. 72 m³/h)
- 250 km of distribution pipes
- 140 public taps
- 500 private connections
- Population served 190,000



Source



Treatment Plant



Office and Laboratory



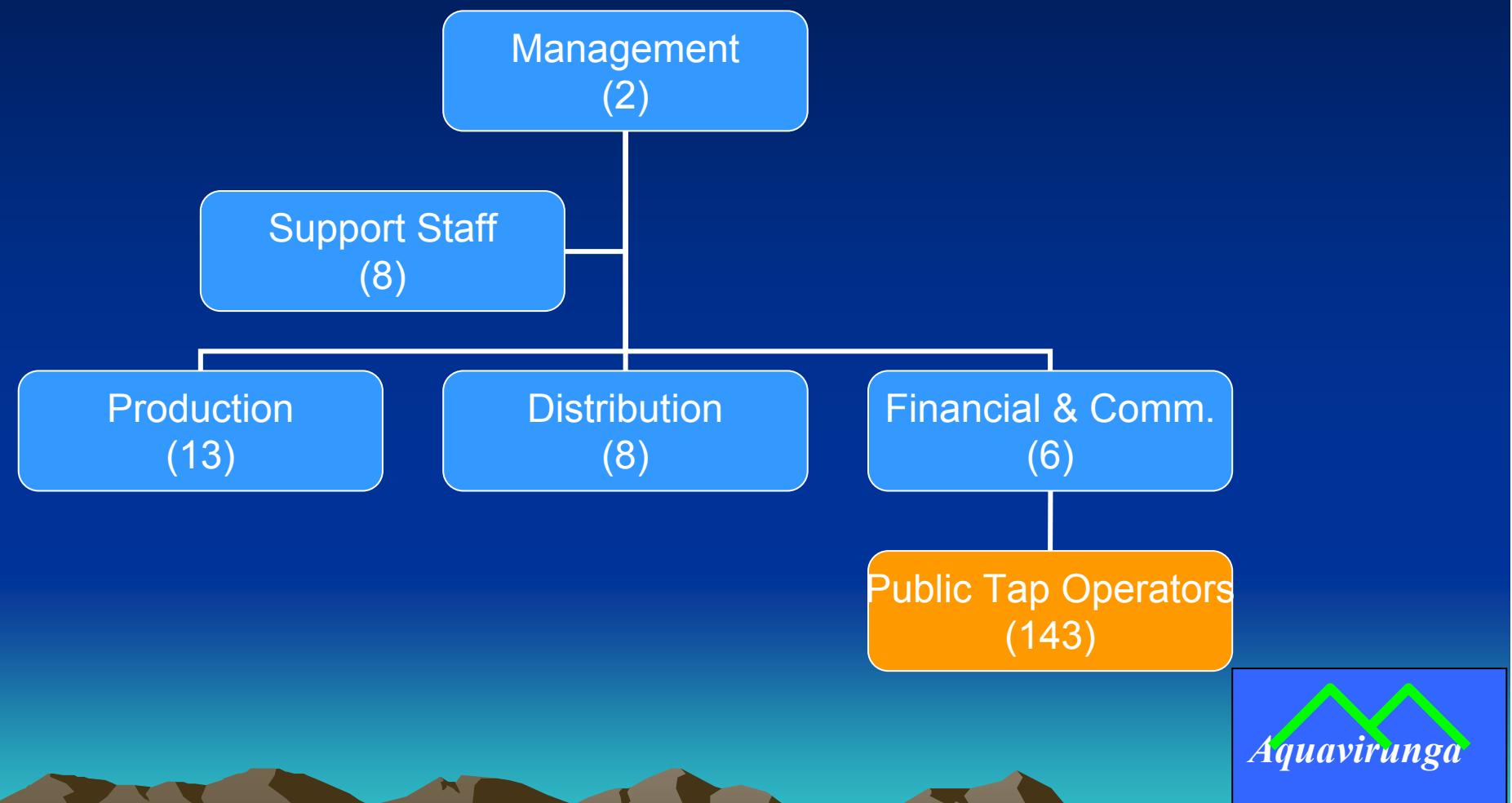
Distribution system



Operating Equipment



Organisation of Aquavirunga



Results after 1.5 years of Operations

- Aquavirunga operational
- DRFO contract for 15 years signed
- Most urgent rehabilitation works completed
- Water of good quality available in whole distribution network
- Collection efficiency at 85%
- Coverage of Opex at 70%



Challenges

- Arrange financing for other rehabilitation works
- Assist the District in arranging funds for extending the distribution networks to un-served areas
- Increase water sales, which at present are only at 25% of the production capacity
- Increase coverage of Opex to 100%
- In the medium term cover also Capex
- Extend services of Aquavirunga to sanitation
- Expand serves Aquavirunga to other regions

