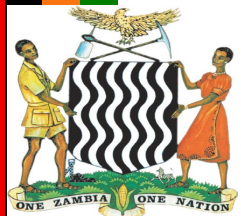


THE BACKGROUND AND STATUS OF LUAPULA RIVER AUTHORITY

Presentation by

Martin Sodala

Assistant Director – Luapula Province



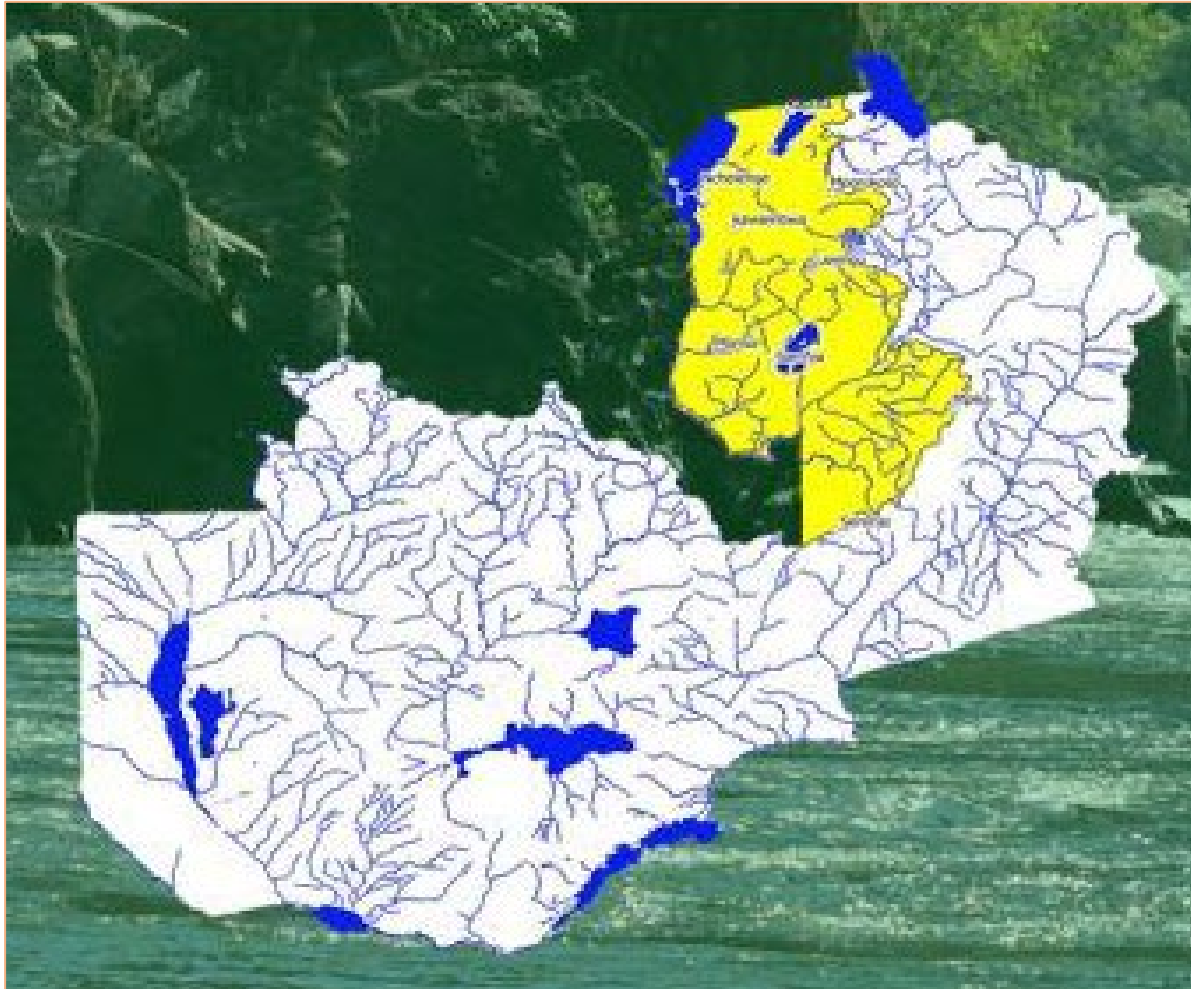
Presentation Outline

- Introduction
- Background to LRA Agenda
- Status of Luapula River Authority
- Conclusion & Way Forward

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INTRODUCTION

Luapula Catchment



“The Luapula Catchment occupies an area of about 113,323 Km² within Zambia and 60,063 Km² in Congo DRC covering the entire Luapula Province and part of the Northern & Muchinga Provinces”

- *WARMA*

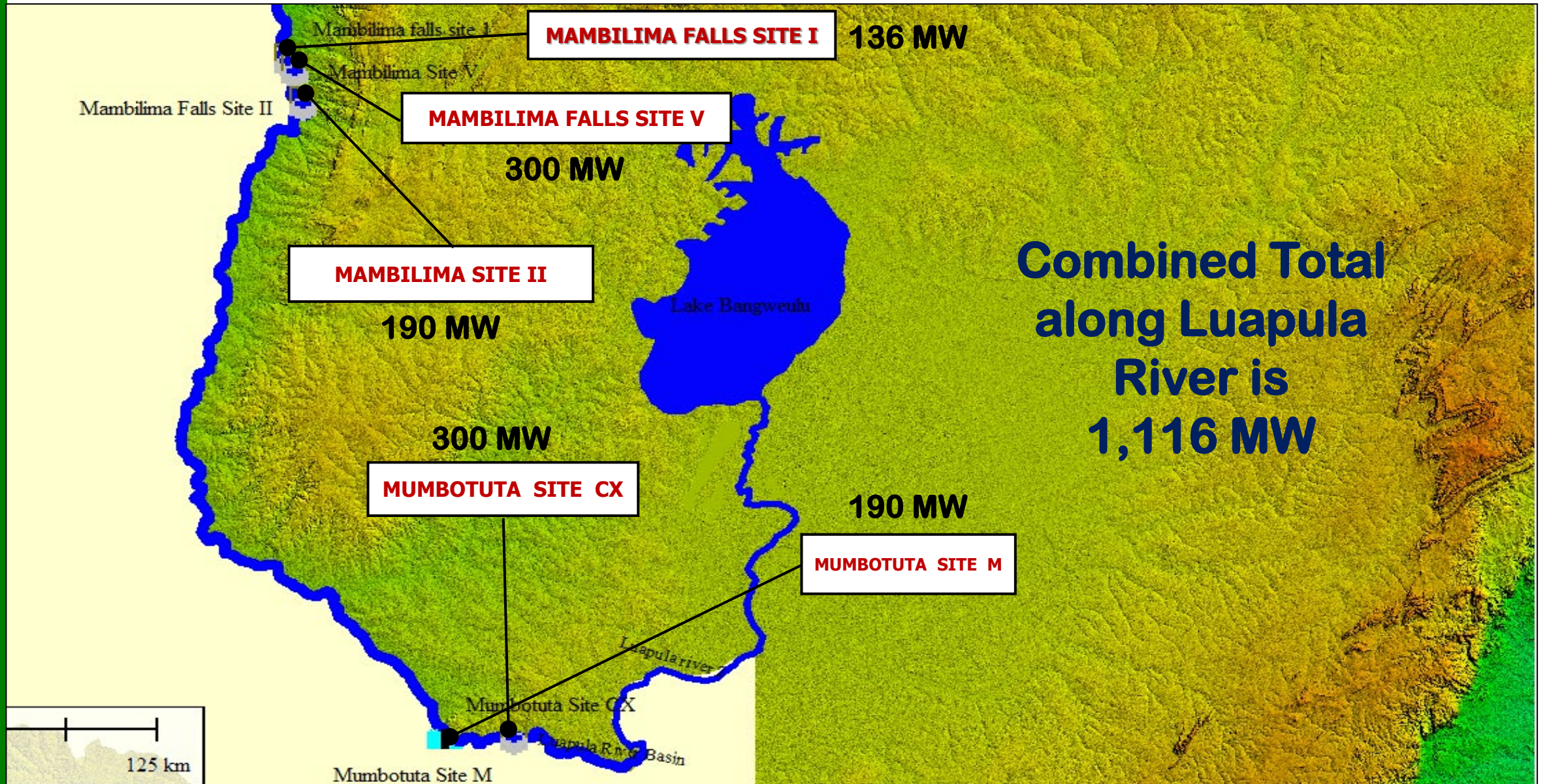
Luapula River



- Luapula River starts from the Bangweulu Swamps (one of the world's largest wetlands);
- Length is estimated to be 560 kilometer;
- The Luapula River has Mumbotuta Water Falls in Milenge & Mambilima waterfalls in Mwense.

Background to Luapula River Authority Agenda

HEP Potential along Luapula River



BACKGROUND TO THE LUAPULA RIVER AUTHORITY

Extract from the Minutes of the Economic Sub-Committee

11. Joint Venture ZESCO and SNEL to set up a hydro power station on Mumbotuta Waterfalls

The meeting acknowledged the Joint Venture Hydro-Power Project to be set up at Mumbotuta Waterfalls.

The Zambian delegation reported that prefeasibility study was done and the following were the findings;

- 3 potential sites, 1 at Mombotuta and 2 at Mambilima were identified along the Luapula river.
- Power generation capacity of 900mw
- Feasibility and project structuring are ongoing
- Power evacuation modalities are being considered to benefit both Zambia and DRC
- Engagement of financiers is ongoing.

Furthermore, the Zambian delegation proposed the creation of Luapula River Authority to manage the common water together i.e. Zambezi River Authority.

BACKGROUND TO THE LUAPULA RIVER AUTHORITY

- Ultimately, the discussion in the Economic Sub-Committee led to this in the Joint Communique

Extract from the Joint Communiques 13th Session of RJPC (22nd to 25th November, 2019)

16. Additionally, the Commission agreed that works on the Luapula River Hydro Power Potential should be expedited. Further the Commission agreed to explore the possibility of creating the Luapula River Authority as a vehicle for joint management of the Luapula River resource.

OTHER KEY ISSUES

- Fishing



Other Key Issues - Fishing

- **Fishing largely takes place along Luapula River including Lake Mweru;**
- **The River including Lake Mweru is a source of livelihood for many people within and outside the province on the Zambian side as well as on the DRC side;**
- **However, due to over-fishing, the fish stocks have drastically reduced both in the lakes and Luapula River itself;**
- **Fish ban activities are jointly carried out between Luapula Province & Haut Katanga Administration;**
- **There is urgent need to jointly sustainably manage the Fish Resource along the Luapula River Basin.**



OTHER KEY ISSUES

- Increasing Agriculture Activities**

OTHER ISSUES - Increasing Agriculture Activities



- **Mansa Sugar already abstracting water from the River**
- **Several Investments also lined up for water abstraction from the River**



AIM OF THE LUAPULA RIVIER AUTHORITY

Aim of LRA

- **The main aim of the proposed Luapula River Authority is to facilitate for the sustainable management and utilization of the Luapula River Water Resource and safeguard Zambia's socio-economic interests.**

Aim of LRA ??????

SPV	Mandate	Year of Establishment
Zambezi River Authority	Activities mainly revolve around management of the Zambezi water resource for sustainable power generation;	Established in 1987 way after the establishment of Kariba HEP
Lake Tanganyika Authority	The LTA also coordinates and oversees the implementation of the Regional Integrated Management and Development Programme , which focuses on establishment of <u>sustainable fisheries</u> , <u>catchment management</u> , <u>pollution control</u> , <u>climate change adaptations</u> , and <u>monitoring programs</u> .	Lake Tanganyika Authority was established in 2008 upon the ratification of the “Convention on the Sustainable Management of Lake Tanganyika”
Luapula River Authority	Need to think through of the mandate taking into account already existing & prospective development activities	??????



STATUS OF THE LUAPULA RIVIER AUTHORITY

STATUS OF THE LRA

- **The Ministry of Water Development & Sanitation together with Luapula Province have started discussions to actualize the LRA Dream;**
- **A draft Roadmap has since been drawn leading to the actualization of LRA;**
- **The Roadmap provides for preparation of all background activities and also engagement with the DRC**

CONCLUSION & WAY FORWARD

- **We whole heartedly support the leadership shown by Ministry of Water Development, Sanitation and Environmental Protection in driving this agenda;**
- **Need to learn from both Zambezi River Authority & Lake Tanganyika Authority**
- **Need to start thinking of sustainability issues (How are the two Authorities sustained)**