

# DEPARTMENT OF MARITIME INFRASTRUCTURE PROJECTS WITH REGARDS TO HYDROLOGY STUDIES

2023 MARITIME PROJECTS

# MARITIME INFRASTRUCTURE PROJECTS

- ▶ Hydrology plays a very critical role in all aspects of Maritime infrastructure development, as it entails more on the water bed, weather pattern, geographical location and soil erosion behavior.
- ▶ Therefore, in Zambia under my office, there are a number of marine projects that await implementation pending hydrological survey and EIA studies
- ▶ . Below is the list as per project location
  - i. Shang'ombo - Rivungu Project in western part of the country.
  - ii. Landing Jetties construction in the middle part of the country
  - iii. Installation of Navigation Aids on Lake Tanganyika in Northern Parts of the country.

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- ▶ **SHANGOMBO - RIVUNGU PROJECT** : this is the project that has been outstanding for sometime now, and it will now be starting with new ideas. The project is the link between Zambia and northern part of Angola, where most of the Angolans are dependent on Zambian side for their day to day livelihood. The two areas are separated by a 10 kilometer stretch canal that has already been done on the Angolan side.



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- ▶ There is already harbour infrastructure erected on the Angolan side, which includes Port administration offices and staff housing units,



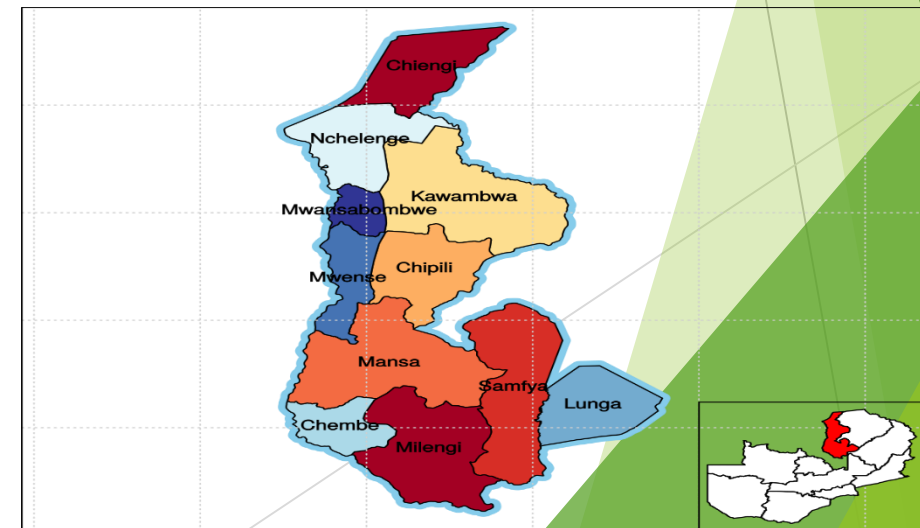
- ▶ yet in Zambia, we have not yet done any construction. The canal that separates the two countries on the Zambian side, needs to undertake the process of Environmental Impact Assessment (EIA) as well as the hydrological studies to assist and determine on the marine infrastructure development layout.

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- ▶ The Department through the Ministry is yet to engage our local Environmental authority to conduct EIA methodologies, so to enable kick start the project. However, the most critical one to be undertaken is the hydrological study which will help the Department of Maritime, establish a suitable area for infrastructure development, based on the ground base.
- ▶ Port Hydrology study is very important especially where there is need to construct infrastructure connecting the waters and the dry grounds.

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- ▶ **LANDING JETTIES CONSTRUCTION** : the Department also has another capital project in the northern part of Zambia, where we are yet to develop new harbour infrastructure though starting with the landing jetties. This area has a shared Lake as well called Lake Mweru and borders with the Democratic Republic of Congo (DRC). The most shipping activities in this area is Port Start Control and most of cargo barges that call on the Zambian side from DRC usually use the private Port which only has a very small landing jetty.





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- ▶ My office has also engaged the local traditional leadership to work with, as the Department is working on the project commencement of landing jetty construction to make them understand the project benefits for them as a community.



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- ▶ **NAVIGATION AIDS ON LAKE TANGANYIKA** : this project will be undertaken by the Ministry of Fisheries working hand in hand with my office, though they are also looking for an institution that can fully fund the project. But I already have discussed with the officers on the ground concerning the need to undertake hydrological study prior to the project commencement.
- ▶ You may also note that Lake Tanganyika is shared by four countries (Burundi, DRC, Tanzania and Zambia, and named as the Four Great Lakes region.
- ▶ However, there is no much to say on this project as it is still on discussion stage.

**I thank you!**