

ANGOLOLO WATER RESOURCES DEVELOPMENT PROJECT



THE GOVERNOR OF BUSIA COUNTY (KENYA) HON. SOSPETER OJAAOMONG & THE DIRECTOR OF WATER RESOURCES OF UGANDA MS FLORENCE ADONGO (FRONT SEATED) DURING THE LAUNCH OF ANGOLOLO WATER RESOURCES PROJECT

THE ANGOLOLO PROJECT IN NUMBERS

43,000,000

Project comprises a dam with storage capacity of 43 million cubic metres

127,300

The total number project beneficiaries will be 127,300 people in Kenya and Uganda

20,000

The project will supply potable water to over 20,000 people

3,300

The dam will irrigate 3,300 Ha (1,180 Ha in Kenya & 2,120 Ha in Uganda)

ABOUT THE ANGOLOLO PROJECT

The Angololo Water Resources Development Project (AWDP) is located on the trans-boundary Malaba River that is between Kenya and Uganda and it falls within the Sio-Malaba Malakisi (SMM) River Basin within the Lake Victoria sub basin. The project consists of a proposed 30 metre high dam with a reservoir capacity of 43.0 million cubic metres

that will supply potable water to 20,000 people and irrigate 3,300 hectares (1,180 Ha in Kenya and 2,120 Ha in Uganda). The dam will generate 1.75MW hydropower. The project has a catchment area of 430 kilometres squared. In total the Angololo Water Resources Development Project is expected to benefit at least 127,300 people from Tororo, Manafwa,



MARCH 2020

and Namisindwa districts in Eastern Uganda and Busia and Bungoma Counties in Kenya through employment creation, irrigated agriculture, piped water supply, hydropower generation, and livestock and fisheries production.

The Angololo project was identified by Kenya and Uganda in collaboration with Nile Equatorial Lakes Subsidiary Action Program (NELSAP) through its Sio Malaba Malakisi (SMM) River Basin Management (RBM) project. NELSAP-CU conducted its pre-feasibility studies in 2010 with grant financing from the Royal Government of Sweden and the Royal Government of Norway. Following this identification study, the Governments of Kenya and Uganda formally requested NELSAP to integrate it into its pipeline of natural resources projects for further appraising and development.

The project was approved during the 18th Nile Equatorial Lakes Council of Ministers (NELCOM) meeting held in Entebbe, Uganda on 13th October 2015 and was included into the African Development Bank (AfDB) pipeline (IOP) for the year 2016 - 18 to seek possible funding support. NELSAP-CU/NBI was mandated in the signed MOU between Uganda and Kenya to support in mobilization of resources for preparation of the investment project. NELSAP-CU approached AfDB Eastern Africa Regional Centre (EARC) for funding to undertake preparation studies.

The project has been rated as a priority project in both the AU NEPAD IPPF indicative project pipeline (2016-2020) and the countries ADF-14 Programming Cycle.

NELSAP-CU is now undertaking preparatory work. This involves a full feasibility study, conceptual and detailed designs, preparing tender documents, conducting social and environmental impact assessment (ESIA) developing a resettlement and

compensation action plan (RCAP) and project implementation preparation, in order to secure the financing required to implement the project.

This phase of the project will be implemented over a duration of 24 months and it will enhance cooperation between Kenya and Uganda as they jointly develop water resources of Malaba River.

KEY PROJECT DATES

- 2010 - PROJECT IDENTIFICATION BY NELSAP AND COUNTRIES AND PRE-FEASIBILITY BY NELSAP.**
- 2015 - MONTH OF OCTOBER, THE NILE COUNCIL OF MINISTERS APPROVE THE ANGOLOLO PROJECT**
- 2016 - MONTH OF MARCH, APPRAISAL BY COUNTRIES.**
- 2019 - MONTH OF MARCH, GRANT LETTER BETWEEN NEPAD-IPPF AND NELSAP SIGNED.**
- 2019 - MONTH OF JULY, LAUNCH OF THE PROJECT, START OF STAKEHOLDER ENGAGEMENT & FIRST REGIONAL PROJECT STEERING COMMITTEE (RPSC) MEETING**
- 2020 - PROJECT PREPARATORY STUDIES INCLUDE: FS, DD, TENDER DOCUMENTS, ESIA, R&CAP, ESMP, EPP.**
- 2020 - MONTH OF MARCH, COMMUNITY SENSITIZATION AND AWARENESS MEETINGS COMMENCE.**
- 2021 - MONTH OF DECEMBER, EXPECTED CONCLUSION OF STUDY.**

DETAILS OF THE ANGOLOLO WATER RESOURCES DEVELOPMENT STUDIES

Project Study Objectives

The objectives of the proposed Angololo project studies are to assess the potential and viability for multipurpose water resources development in irrigated agriculture, hydropower generation, livestock development, water supply, flood control, drought mitigation, aquaculture, etc., coupled with restoration of the associated sub-catchments.

Main Project components

The project studies will consist of the following components:

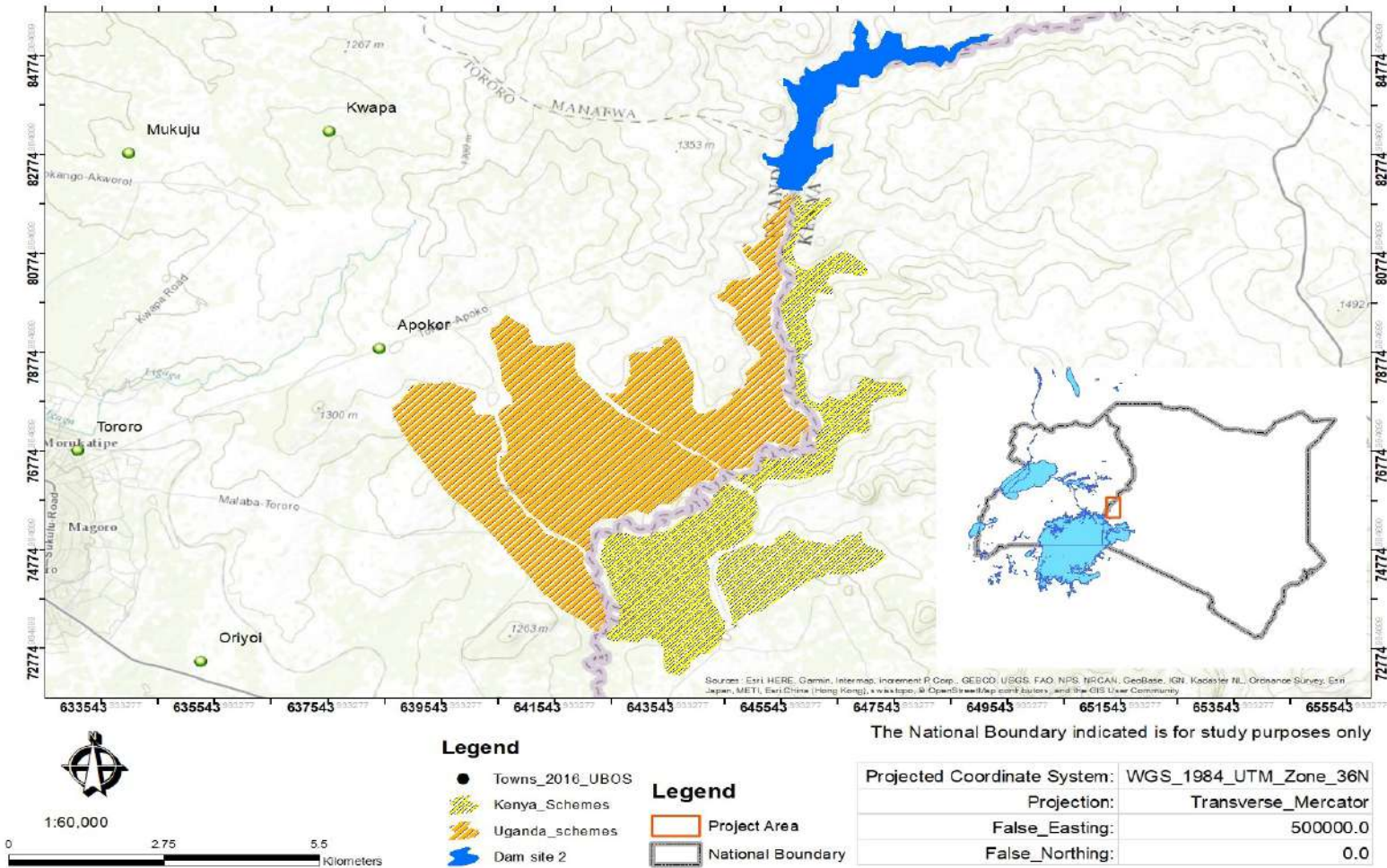
- a) Feasibility Study, Detailed Design and Preparation of Tender Documents;
 - b) Independent Environmental and Social Impact Assessment (ESIA) and Resettlement Action Plan (RAP)
 - c) Stakeholder engagements to validate project study outputs.
- Once proven economically viable, the project

studies will proceed to Detailed Designs (DD), and preparation of Tender documents.

Angololo Project Study Outputs

The expected Angololo project study outputs are:

- a) Technical feasibility study, Detailed Designs, and economic viability of the project including implementation arrangements and schedules, and Tender documents;
- b) Detailed Environmental and Social Impact Assessment (ESIA);
- c) Environmental and Social Management Plan (ESMP)
- d) Resettlement and Compensation Action Plan (RCAP);
- e) Watershed Management plan;
- f) Stakeholders meetings; and
- g) Dam Operation & Maintenance (O&M) Plan
- h) Dam Instrumentation Plan
- i) Emergency Preparedness Plan



PROJECT LOCATION MAP SHOWING LOCATION OF ANGOLOLO DAM AND IRRIGATION SCHEMES. THE ANGOLOLO DAM IS LOCATED AT KALAIT VILLAGE (UTM: LONGITUDE 645777, LATITUDE 81944, ELEVATION 1212M A.S.L.), AT THE BORDER OF UGANDA AND KENYA.

ANGOLO PROJECT OBJECTIVES

The objective of the AWDP is to alleviate poverty in the project area by transforming the existing subsistence farming into large-scale commercial farming of irrigated lands producing principally high value horticultural crops. Increase adaptation to climate change, reverse environmental degradation, improve water supply and sanitation, strengthen trans-boundary cooperation, promote agro-processing and crop and livestock production.

The objectives of the Angololo Project are in line with GoU and GoK policies and enhances efforts towards poverty reduction; institutional development and capacity strengthening; gender equality; economic, social, political, and cultural rights. The Angololo Project design has been holistic with agricultural livestock water use factored into the general approach.

THE ANGOLOLO PROJECT LAUNCH

On 17th of July 2019, NELSAP-CU together with representatives of Kenya and Uganda officially launched the Feasibility phase of the USD 1.65 million Angololo Project that is being funded by the African Development Bank AfDB (USD 1.5 million) and the Republics of Kenya and Uganda (each USD 75,000). The project was officially launched by the Governor of Busia, Kenya Hon. Sospeter Ojaamong and the Director of Water Resources of Uganda Ms Florence Adongo, who was representing the Hon. Uganda Minister for Water and Environment. The launch was held in Entebbe, Uganda.

COMMUNITY SENSITIZATION AND AWARENESS

The project conducted community sensitization and awareness meetings in March 2020 on both sides of the border. Its Objectives were;

1. To create awareness among the wider community members about the project.
2. To explain to the community the scope of the envisaged project feasibility studies.
3. To solicit for community support and goodwill towards the project study activities. Stakeholders who participated in this community sensitization and awareness were; political, administrative, and technical persons from Busia County Kenya and Tororo district in Uganda. It also included representatives from the Ministries of Water and Finance from Kenya and Uganda.

INTERNATIONAL DAM SAFETY PANEL OF EXPERTS (DSPoE)

International Dam Safety Panel of Experts (DSPoE) In March 2020 the process of creating the independent The International Dam Safety Panel of Experts (DSPoE) was completed.

The panel consists of key experts in hydrology, geology and dam design and construction engineering. The panel will review and advise NELSAP on matters related to dam safety and other critical aspects of the dam like dam structures, catchment area, reservoir, power facilities, dam filling up and river diversion among others.



NELSAP AND REPRESENTATIVES OF KENYA AND UGANDA CONDUCTING COMMUNITY SENSITIZATION AND AWARENESS IN BOTH KENYA AND UGANDA. THIS EXERCISE WAS GRACED BY THE GOVERNOR OF BUSIA COUNTY HON. SOSPETER OJJAAMONG AND THE DIRECTOR OF TRANSBOUNDARY WATER AFFAIRS OF KENYA MS. GLADYS WEKESA AS WELL AS THE DISTRICT COMMISSIONER OF NAMISINDWA DISTRICT OF UGANDA MR. KIGAI MOSES.

REGIONAL PROJECT STEERING COMMITTEE (RPSC)

Kenya and Uganda have formed a Regional Project Steering Committee (RPSC) that is composed of representatives of the Permanent/Principal Secretaries of the Ministries responsible for Water, Irrigation, Agriculture and Finance in both countries.

The RPSC is providing supervisory, advisory and strategic guidance to this full feasibility phase of the project. The RPSC is in charge of approving project work plans, approving budgets, approving procurement plans and is providing a linkage with the relevant national institutions to ensure counterpart support to the project. The RPSC is also responsible for facilitating joint agreements, linkages and reporting back to the parent ministries.

The RPSC is coordinating the implementation of the Angololo project and its prioritization in the participating countries' National Development Plans (NDPs).

The Director of Trans-boundary Water Resources of Kenya Ms. Gladys Wekesa is leading the Kenyan representation to the Steering Committee while the Uganda side is led by Mr. Jackson Twinomujuni, the Commissioner for International and Trans-boundary Water Affairs of Uganda. RPSC has a rotational Chair alternating between the Permanent/Principal Secretaries of the two countries on an annual basis.

ABOUT NILE EQUATORIAL LAKES SUBSIDIARY ACTION PROGRAM

The Nile Equatorial Lakes Subsidiary Action Program Coordination Unit (NELSAP-CU) headquartered in Kigali, Rwanda, is one of the two investment programs of the Nile Basin Initiative (NBI), the other being the Eastern Nile Subsidiary Action Program (ENSAP) headquartered in Addis Ababa, Ethiopia known as Eastern Nile Technical Regional Office (ENTRO). NELSAP-CU was established in December 1999 by the Council of Ministers for Water Affairs in the Nile River Basin, with a mission to “contribute to the eradication of poverty, promote economic growth, and reverse environmental degradation in the Nile Equatorial Lakes (NEL) region, within the overall NBI’s shared Vision of sustainable socioeconomic development and the equitable use of and benefit from Nile Basin water resources”. NELSAP-CU is governed and reports to the Council of Water Ministers from 10 Nile Basin membership states of Burundi, DR Congo, Egypt, Ethiopia, Kenya, Rwanda, South Sudan, Sudan, Tanzania and Uganda.

TIME SCHEDULE FOR IMPLEMENTATION - 24 MONTHS

BUDGET

US Dollars 1,650,000 including 1,500,000 from the African Development Bank (AfDB) NEPAD-IPPF Grant and 75,000 Country Contributions from the Governments of Kenya and Uganda

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