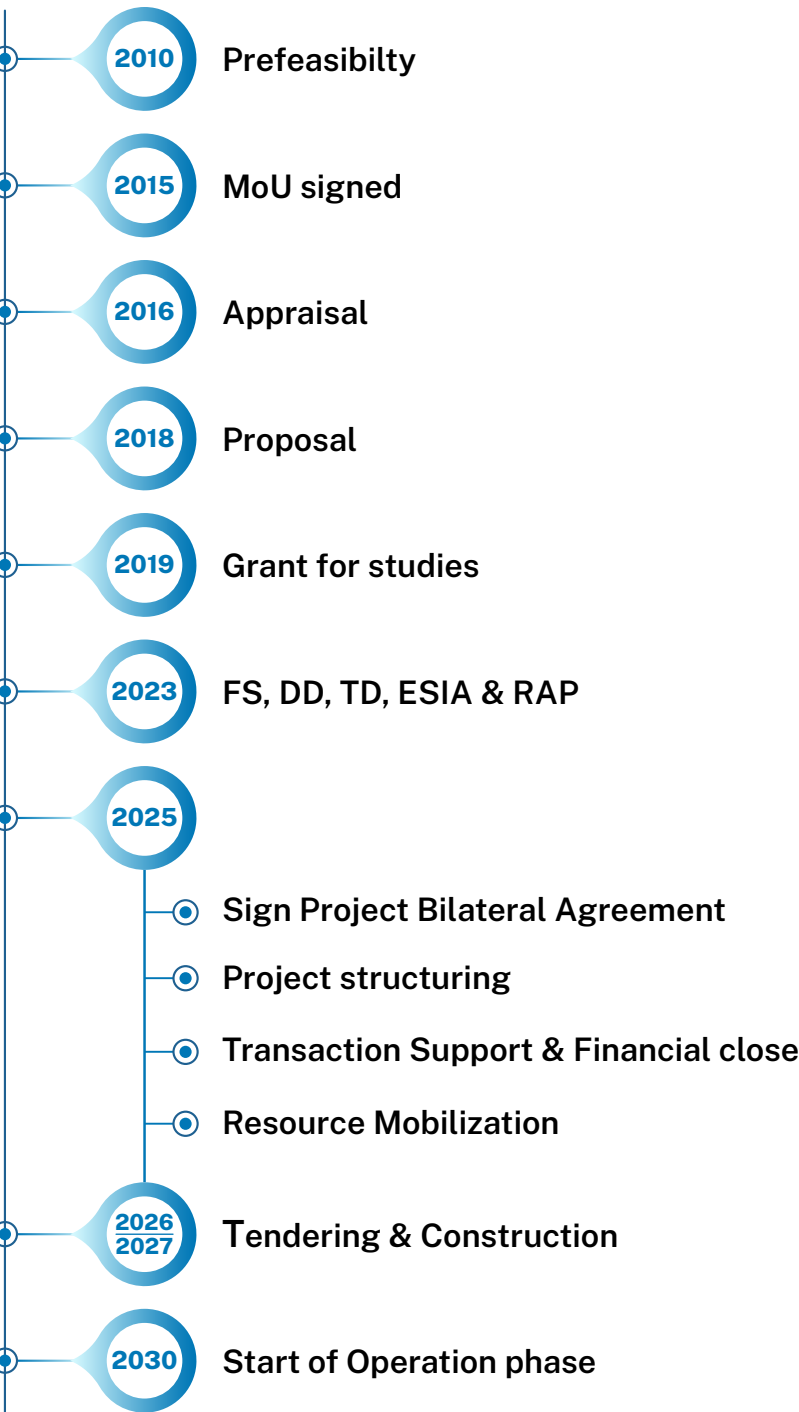


Project Timeline

(Up to Construction and Operation)



Partners & Contacts

Implementing Agencies

- **NELSAP-CU** | Kigali, Rwanda
- **Ministry of Water, Sanitation and Irrigation** | Kenya
- **Ministry of Water and Environment** | Uganda

Pre-Investment Funding Partners

- **Royal Government of Sweden and the Royal Government of Norway** (2012: Pre-Feasibility Study)
- **AfDB NEPAD IPPF** (2019: Feasibility Study, Detailed Design and Tender Documents)
- **IUCN** (2024 and 2025: Supported in collaborating the Bilateral Agreement)
- **AfDB NEPAD IPPF** (2025: Project Structuring)
- **ALSF** (2025-2026: Technical Assistance for the Subsidiary Agreements)

Angololo Water Resources Development Project (AWRDP)

Transforming Livelihoods Through Sustainable Water Resource Management



About the Project

PROJECT OVERVIEW

The Angololo Water Resources Development Project is a transboundary investment by the Republics of Kenya and Uganda. Implemented under the **Nile Equatorial Lakes Subsidiary Action Program (NELSAP)**, the project aims to enhance food, water, and energy security while boosting regional trade and cooperation.

The project was identified in 2010 and is aligned with Kenya's Vision 2030 and Uganda's Vision 2040.

- Busia & Bungoma Counties, Kenya
- Tororo, Namisindwa & Manafwa Districts, Uganda

Budget Breakdown

Total Estimated Project Cost - **USD 137 million**. This includes:

- USD 132.15 million** for infrastructure and core investments
- USD 4.77 million** for land acquisition and resettlement (Kenya: USD 2.29 million, Uganda: USD 2.48 million)

Key Investment Areas:

- Dam & auxiliary works – **USD 52.5 million**
- Irrigation infrastructure – **USD 43.9 million**
- Water supply systems – **USD 8.4 million**
- Hydropower plant – **USD 2.15 million**
- Watershed management & training – **USD 3.25 million**
- Farm support & crop storage – **USD 7.8 million**
- Engineering supervision & project management – **USD 14.2 million**

Economic and Financial Assessment

Economic Viability

- Economic Internal Rate of Return (EIRR): **14%**
- Economic Net Present Value (ENPV)

Kenya	USD 19.52 million
Uganda	USD 24.89 million
- Benefit-Cost Ratio (BCR)

Kenya	1.08
Uganda	1.14

Conclusion: The project is economically viable, outperforming the required Economic Opportunity Cost of Capital (EOCK) in both countries.

Financial Viability

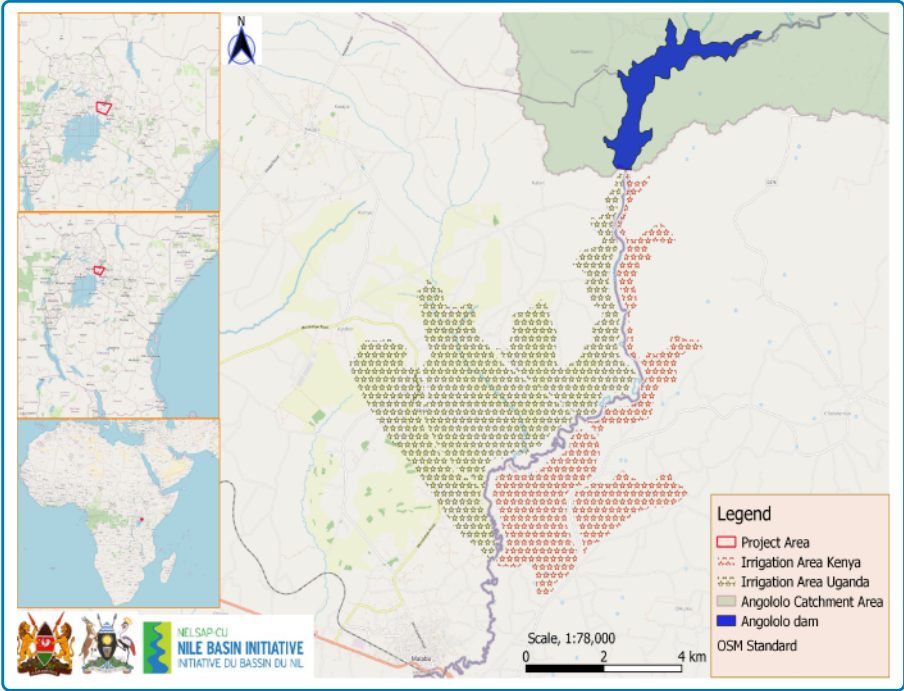
- Financial Internal Rate of Return (FIRR): **8.1% – 8.6%**
- Net Present Value (NPV) at 8% discount rate: **USD 7.74 million**
- Benefit-Cost Ratio (BCR): **>1 at 8% discount rate**

Conclusion: The project is financially viable when funded through concessional financing with interest rates at or **below 8%**.

Project Components

KEY FEATURES

- Composite Dam**
40 meters high, 31.6 million cubic meters storage capacity.
- Mini Hydropower Plant**
Generating 1.3 MW to support energy access and grid expansion with potential for Solar 20 MW from the floating Solar System.
- Irrigation Infrastructure**
Irrigation command area of 4,000 hectares to support commercial agriculture.
- Domestic & Livestock Water Supply**
Serving over 270,000 people and providing water for livestock.
- Watershed Restoration**
Restoring 30% of the 447 km² degraded upstream catchment area.
- Fisheries Development**
Introducing aquaculture and enhancing food security.
- Flood Mitigation**
Regulated downstream flows to prevent flood-related damages.



Benefits & Impact

TRANSFORMING LIVES & COMMUNITIES

Food Security & Livelihoods

Improved agricultural productivity, food security, and household incomes.

Access to clean water and sanitation

Improved sanitation and public health.

Energy for Development

Enhanced energy supply and rural electrification

Environmental Conservation

Environmental conservation through reforestation, Sustainable land use, and riverbank protection.

Job Creation

Employment creation across sectors in construction, farming, processing, and support services.

Regional Integration

Strengthened regional cooperation and trade.

Alignment with SDGs

Supports Sustainable Development Goals (1, 2, 3, 6, 7, 8, 11 & 13)