



NELSAP CU
NILE BASIN INITIATIVE
INITIATIVE DU BASSIN DU NIL

NILE BASIN COOPERATION

COUNTRY BENEFITS & REGIONAL IMPACTS

2021-2025

FEBRUARY 2026



BURUNDI



DR CONGO



EGYPT



ETHIOPIA



KENYA



RWANDA



SOUTH SUDAN



THE SUDAN



TANZANIA



UGANDA

**NILE BASIN COOPERATION:
COUNTRY BENEFITS & REGIONAL
IMPACTS**

2021-2025

Executive Summary

The Nile Equatorial Lakes Subsidiary Action Program (NELSAP) is the regional investment arm of the Nile Basin Initiative serving ten member states across the Nile Basin. Established in 1999 by the Council of Ministers for Water Affairs, NELSAP's mandate is to facilitate cooperative, high-impact transboundary and nationally implemented projects that promote sustainable socio-economic development, strengthen regional integration, and ensure the equitable and efficient use of shared Nile Basin water resources. Through coordinated regional planning, project preparation, investment facilitation, and implementation oversight, NELSAP transforms cooperation into bankable infrastructure and resilience investments in power development and trade, multipurpose water resources development, climate resilience, ecosystem management, and livelihoods.

Since inception, NELSAP has built a diversified regional investment portfolio spanning completed, ongoing, and pipeline projects of strategic regional significance. Completed flagship investments include the 80 MW Regional Rusumo Falls Hydroelectric Project, delivered at a total cost of approximately USD 540 million and shared equally among Burundi, Rwanda, and Tanzania, as well as basin-wide climate resilience interventions under the Nile Cooperation for Climate Resilience programme covering all ten Nile Basin countries. Ongoing and advanced projects include high-voltage regional power interconnections, multipurpose water resources development initiatives supporting irrigation, water supply, flood control and watershed management, and cross-border climate resilience programmes. The current pipeline includes investment-ready large-scale water infrastructure projects, regional hydropower and power trade expansion, and transboundary ecosystem and fisheries management programmes designed to consolidate long-term cooperative governance of shared basins.

Collectively, NELSAP-supported investments deliver measurable national and regional benefits. The portfolio contributes to expanded renewable energy generation and cross-border electricity trade, irrigation development covering tens of thousands of hectares, improved water supply services reaching hundreds of thousands of people, watershed management across hundreds of square kilometres, and basin-wide flood and drought early warning systems serving ten countries. Across the region, millions of people benefit directly and indirectly from improved energy security, enhanced food production, strengthened climate resilience, restored ecosystems, and expanded economic opportunities. Through its catalytic role in project preparation, resource mobilization, and regional coordination, NELSAP continues to advance Africa's regional integration and infrastructure development agenda while generating tangible country-level development outcomes across the Nile Equatorial Lakes region.

2. Strategic Focus

NELSAP-CU's programme is structured around five delivery areas:

- Transboundary power generation and regional power trade
- Multipurpose water resources development and basin planning
- Climate resilience, flood risk management, and early warning systems
- Livelihoods, ecosystems, and fisheries in shared basins
- Project preparation, safeguards, and investment readiness

NELSAP TRANSBOUNDARY PROJECT PORTFOLIO (2022–2027)

A. COMPLETED PROJECTS

Project	Countries	Total Cost	Status
Regional Rusumo Falls Hydroelectric Project (RRFHP)	Burundi, Rwanda, Tanzania	~US\$540 million	Completed & Operational (2017 – 2025)
Nile Cooperation for Climate Resilience (NCCR)	Multi-country (10 Nile Basin countries)	US\$30 million	Completed (2021–2025)
LEAF I – Lake Edward & Albert Fisheries & WRM	Uganda, DR Congo	US\$ 2.3 million	Completed (2005 – 2008)
LEAF II – Lake Edward & Albert Fisheries & WRM	Uganda, DR Congo	~US\$23.75 million	Completed (2015 – 2020)
Nile Cooperation For Results (NCORE) Project	Multi-country (10 Nile Basin countries)	US\$ 14.7million	Completed (Jan 2013 – April 2017)
DIAPOL-CE	Multi-country	195,000 Euros	Completed 2023 - 2025

B. ONGOING / ADVANCED PROJECTS

Project	Countries	Investment Cost	Status
South Sudan–Uganda Power Interconnection Project (SUPIP)	Uganda, South Sudan	US\$262 million	Under Implementation
Regional Climate Resilience Program (RCRP)	Uganda, South Sudan	~US\$4.0 million	On-going Studies

Uganda–DRC Power Interconnection	Uganda, DR Congo	~US\$264 million	Under Resource mobilization for implementation
Burundi–Tanzania Power Interconnection	Burundi, Tanzania	~US\$3 million (indicative)	Approved by the board of AfDB and PIM under review
DYNOBA	Multi-country	TA envelope	Completed Studies
Ruvyironza Multipurpose WRD (PRODERER)	Burundi	2 million Euros	On-going study (Pre-investment)

C. PROJECTS READY FOR FINANCING

Project	Countries	Estimated Investment Cost	Preparation Status
Angololo Transboundary WRD	Kenya, Uganda	~US\$136.9 million	Feasibility, detailed design, ESIA & RAP completed
Mara Valley Multipurpose WRD	Tanzania	~US\$236 million	Feasibility, detailed design, ESIA & RAP completed
Ngono Valley Multipurpose WRD	Tanzania	~US\$96 million	Feasibility, detailed design, ESIA & RAP completed
Sio–Sango Water Resources Project	Kenya	~US\$46 million	Feasibility, detailed design, ESIA & RAP completed

D. PRIORITY PIPELINE PROJECTS

D1. Water Resources & Climate Resilience

Project	Countries	Indicative Cost	Stage/Status
Amala-Norera Multipurpose Storage Reservoir	Kenya	US\$3 million	Under Resource mobilization.
Climate Smart in the NEL countries	NEL countries	US\$5 million	Under Resource mobilization.
Angololo Water Supply Component	Kenya	US\$1.65 million	Under Resource mobilization

PEATWISE Project Conservation of wetlands through peatlands in Kagera Basin	Burundi, Rwanda Tanzania, Uganda	US\$50 million	Under Resource mobilization
Nyimur / Limur Multipurpose WRD	Uganda, South Sudan	~US\$2.5 million (studies)	Updating FS, DD, ESIA & RAP
Akanyaru WRD (IWRM & Flood Management)	Burundi, Rwanda	~US\$15.0 million	Under Resource mobilization
Kagera Basin-wide IWRM	Multi-country	~US\$16.3 million	Under Resource mobilization
Sango Bay–Minziro Wetlands	Uganda, Tanzania	~US\$16.1 million	Under Resource mobilization
Mara Basin Climate Resilience	Kenya, Tanzania	~US\$10.9 million	Under Resource mobilization
South Sudan Flood Hydrology Modelling	South Sudan	~US\$3.2 million	Under Resource mobilization
Jebel Aulia–Renk–Malakal IWRM & Fisheries	South Sudan, Sudan	~US\$3.0 million	TDA / Feasibility
LEAF III – Lake Edward & Albert WRM (Phase III)	Uganda, DR Congo	US\$166.87 million	Under Resource mobilization

D2. Power Development & Trade

Project	Countries	Indicative Cost	Stage/status
Nsongezi Hydropower Project	Tanzania, Uganda, Rwanda	~US\$1.4 million	Under Resource Mobilization.
SOONO Mini-Hydropower Project	Kenya, Uganda	~US\$0.6 million (2 MW) US\$ 6.0 Million (Indicative)	Pre- Feasibility Studies.
Burundi–Tanzania, 220kV, 180km Power Interconnection (Preparation)	Burundi, Tanzania	~US\$3.0 million US\$ 165 million (Indicative)	Under Resource mobilization

NILE COOPERATION BENEFITS FOR BURUNDI

Completed Projects



Regional Rusumo Falls Hydroelectric Project (RRFHP)

80 MW regional hydropower plant (USD 540 million investment); 26 MW allocated to Burundi; reduced reliance on thermal/diesel generation; improved grid stability; LADP investments in Busoni & Giteranyi (water systems, health facilities, irrigation, roads, schools); employment during construction & operation; strengthened regional power trading capacity



Substation at the Regional Rusumo Falls Hydroelectric Project Connected to Transmission Lines that link the Power Grids of Burundi, Rwanda and Tanzania.



The Regional Rusumo Falls Hydroelectric Project constructed under supervision of NELSAP-CU on behalf of the Governments of Burundi, Rwanda and Tanzania.



Nile Cooperation for Climate Resilience (NCCR)

US\$30 million regional programme (2021–2025) covering 10 Nile Basin countries; basin-wide flood & drought early warning systems; improved climate, hydrological & water-quality data platforms; strengthened institutional climate risk capacity; shift from reactive to anticipatory disaster risk management



Benefits from NCCR National Water Quality laboratory of Office Burundais pour la Protection de l'Environnement (OPBE).

Ongoing / pipeline projects

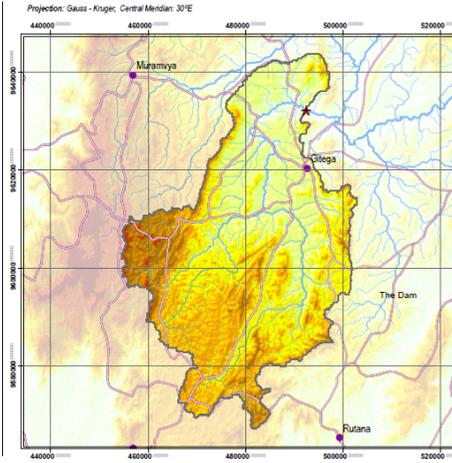


Ruvyironza Multi-Use Water Resources Development Project (PRODERER)

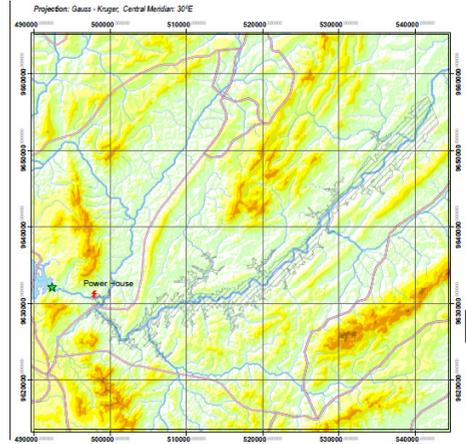
A headwaters multipurpose water resources development project in one of the most upstream Nile catchments, focusing on water storage, irrigation, domestic water supply, flood mitigation, erosion control, and watershed management.

Benefits

- ✓ Headwaters multipurpose water resources project
- ✓ Planned irrigation expansion for smallholder agriculture
- ✓ Improved rural domestic water access
- ✓ Reduced flood risks & soil erosion through watershed management
- ✓ Protection of upstream Nile headwaters
- ✓ Strengthened climate resilience of farming systems



Location of Ruvyironza Catchment area



Layout of Ruvyironza irrigation scheme

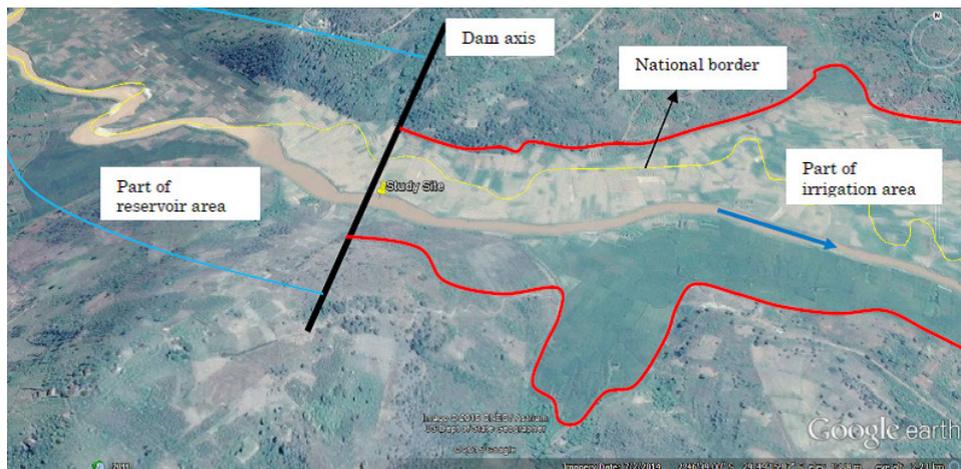


The Akanyaru Water Resources Development Project (Burundi, Rwanda)

A joint integrated water resources management and flood control initiative in the Akanyaru River basin, addressing **recurrent flooding, land degradation, and livelihood vulnerability** in shared border communities.

Benefits

- ✔ Reduced flood damage in Akanyaru floodplain
- ✔ Planned irrigation & drainage improvements
- ✔ Improved water supply in Kirundo, Ngozi & Kayanza provinces
- ✔ Strengthened cross-border water governance with Rwanda



Map showing layout of the proposed Akanyaru Project



Burundi–Tanzania Power Interconnection (Jiji/Mulembwe–Kigoma)

This is a **220 kV** regional transmission interconnection linking Burundi’s hydropower generation system to Tanzania’s grid to enable cross-border electricity trade and regional power system integration.

Benefits

- ✔ 220 kV regional transmission interconnection
- ✔ Improved grid stability & system reliability
- ✔ Ability to import power during shortages & export surplus
- ✔ Improved utilization of domestic hydropower generation
- ✔ Integration into regional electricity market



PEATWISE Project (Burundi, Rwanda, Tanzania, Uganda)

The PEATWISE project supports the conservation and sustainable management of wetlands and peatlands within the Kagera Basin, recognizing their critical role in climate regulation, water storage, biodiversity protection, and livelihoods.

Benefits

- ✔ Protection and restoration of carbon-rich peatlands for climate mitigation
- ✔ Improved water regulation and flood and drought resilience
- ✔ Strengthened institutional capacity for wetland management
- ✔ Enhanced biodiversity conservation in sensitive ecosystems
- ✔ Sustained livelihoods for wetland-dependent communities

NILE COOPERATION BENEFITS FOR Democratic Republic of the Congo (DRC)

Completed Projects



LEAF I & II – Lake Edward and Albert Fisheries and Water Resources Management (with Uganda)

2 equipped patrol boats for joint lake surveillance; modern fish landing sites constructed/rehabilitated; reduced post-harvest losses; strengthened livelihoods for thousands of lakeshore households; improved water quality monitoring; harmonized fisheries governance with Uganda



one of the two equipped patrol boats DR Congo received through NELSAP for surveillance on lakes Edward and Albert



Nile Cooperation for Climate Resilience (NCCR)

Basin-wide flood & drought early warning systems (10 Nile Basin countries); improved shared climate, hydrological & water-quality data; strengthened institutional climate risk assessment capacity

Ongoing / pipeline projects



LEAF III – Lake Edward and Albert Water Resources Management (Phase III) (DRC, Uganda)

A large-scale follow-on regional investment building on the achievements of LEAF I and II, expanding interventions in fisheries management, livelihoods, and climate resilience in the Lakes Edward and Albert basin.

Benefits

- ✔ Large-scale regional fisheries & aquaculture investment (Phase III expansion)
- ✔ Expanded livelihood support for youth & women
- ✔ Strengthened ecosystem restoration & climate resilience
- ✔ Consolidated long-term Uganda–DRC cooperative lake governance



DR Congo (Beni–Butembo–Bunia) – Uganda (Nkenda) 220(400) kV Power Interconnection Project

A regional electricity transmission project linking **Eastern DRC** to **Uganda's power grid**, supporting cross-border electricity trade and integration into the regional power market.

Benefits

- ✔ 220(400) kV cross-border transmission interconnection
- ✔ Improved grid stability in North Kivu & Ituri provinces
- ✔ Reduced reliance on costly diesel generation
- ✔ Improved electricity supply to urban centers & productive sectors
- ✔ Integration into regional electricity trade frameworks



A Section of The D.R Congo (Goma) - Rwanda (Gisenyi) Overhead Transmission Line (Ohtl) For Trade of Energy And Power Between Rwanda And The Democratic Republic Of Congo That Was Completed In The Year 2016

NILE BASIN COOPERATION BENEFITS FOR KENYA

Completed Projects



Nile Cooperation for Climate Resilience (NCCR)

Basin-wide flood & drought early warning systems (10 Nile Basin countries); improved hydro-meteorological & climate data; strengthened national climate risk assessment capacity; enhanced coordination in shared basins (Mara; Sio–Malaba–Malakisi)

Ongoing / pipeline projects



Angololo Transboundary Water Resources Development Project (Kenya, Uganda)

A multipurpose transboundary water resources development project supporting **irrigation, domestic water supply, flood regulation, watershed management, and small-scale hydropower** in the Sio–Malaba–Malakisi basin.

Benefits

- ✔ ~1,180 hectares irrigation in Kenya
- ✔ ~430 km² watershed management coverage
- ✔ ~1.75 MW mini hydropower potential
- ✔ Improved water supply for tens of thousands (Busia & Bungoma counties)
- ✔ Reduced flood risks & land degradation
- ✔ Strengthened Kenya–Uganda basin cooperation



Angololo Bilateral Agreement Signing between Kenya and Uganda.



Sio–Sango Water Resources Project

A water resources development initiative focused on **flood control, water supply, irrigation, and catchment management** in the Sio River basin.

Benefits

- ✓ Water supply for 18,000+ people
- ✓ ~1,790 hectares irrigation support
- ✓ Reduced flood damage in western Kenya
- ✓ Improved catchment management & basin resilience



Mara Basin Climate Resilience Programme (Kenya , Tanzania)

A basin-wide climate resilience initiative addressing **flood** and **drought risks** in the Mara River basin.

Benefits

- ✔ Improved flood & drought risk management in basin supporting 1+ million people
- ✔ Reduced soil erosion & land degradation
- ✔ Strengthened Kenya–Tanzania basin governance & climate adaptation



SOONO Mini-Hydropower Project (Kenya, Uganda)

A small-scale cross-border hydropower project supporting renewable energy generation and local development in the shared Sio–Malaba basin.

Benefits

- ✔ Small-scale cross-border renewable energy generation (MW not specified)
- ✔ Increased clean electricity access in border communities
- ✔ Reduced diesel dependence
- ✔ Strengthened cross-border energy cooperation



Amala-Norera Multipurpose Storage Reservoir

This is part of investment projects advanced by Kenya to NELSAP-CU for project preparation. It is prioritized by the government of Kenya and it is included in the National Water Masterplan, 2030.

Benefits

- ✔ **34,000 people** to benefit from improved water supply
- ✔ **900 hectares** of farmland to be irrigated
- ✔ **Hydropower generation** to support local renewable energy supply
- ✔ Water supply to **Bomet and Mulot towns**

NILE BASIN COOPERATION BENEFITS FOR RWANDA

Completed Projects



Regional Rusumo Falls Hydroelectric Project (RRFHP)

80 MW regional hydropower plant 26 MW allocated to Rwanda; reduced thermal generation reliance; LADP investments: potable water for 10,000+ people; Kigina Health Centre serving ~10,000 people; 30+ km feeder roads rehabilitated; employment creation during construction



Nile Cooperation for Climate Resilience (NCCR)

Basin-wide flood & drought early warning systems (10 Nile Basin countries); improved shared climate, hydrological & water-quality data; strengthened national climate risk assessment & coordination

Ongoing / pipeline projects



The Akanyaru Multipurpose Water Resources Development Project (Rwanda–Burundi)

A transboundary multipurpose water resources development project targeting recurrent flooding, land degradation, and water insecurity in the Akanyaru River basin.

Benefits

- ✔ Part of 12,474 hectares planned irrigation (shared between Rwanda & Burundi)
- ✔ Basin-wide benefits reaching 600,000+ people
- ✔ Reduced flood impacts & land degradation in Akanyaru floodplain
- ✔ Improved rural agricultural productivity & incomes
- ✔ Strengthened transboundary water governance



Nsongezi Hydropower Project (Tanzania, with Uganda, Rwanda)

A proposed cross-border hydropower development project aimed at increasing renewable energy generation and strengthening regional power cooperation.

Benefits

- ✔ Potential addition of renewable hydropower capacity to Rwanda's national grid
- ✔ Diversification of Rwanda's energy mix through regional generation
- ✔ Strengthened cross-border power trade and long-term electricity import opportunities
- ✔ Enhanced regional energy security under cooperative development frameworks
- ✔ Support to national industrial growth and electricity reliability



PEATWISE Project (Burundi, Rwanda, Tanzania, Uganda)

The PEATWISE project supports the conservation and sustainable management of wetlands and peatlands within the Kagera Basin, recognizing their critical role in climate regulation, water storage, biodiversity protection, and livelihoods.

Benefits

- ✔ Protection and restoration of carbon-rich peatlands for climate mitigation
- ✔ Improved water regulation and flood and drought resilience
- ✔ Strengthened institutional capacity for wetland management
- ✔ Enhanced biodiversity conservation in sensitive ecosystems
- ✔ Sustained livelihoods for wetland-dependent communities

NILE BASIN COOPERATION BENEFITS FOR SOUTH SUDAN

Completed project



Nile Cooperation for Climate Resilience (NCCR)

A World Bank–financed basin-wide programme strengthening cooperation on climate-related water risks across ten Nile Basin countries.

Benefits

- ✓ Access to regional flood and drought early warning systems covering major Nile sub-basins
- ✓ Improved availability of climate, hydrological, and water-quality information for national planning
- ✓ Strengthened institutional capacity for climate risk assessment, preparedness, and response
- ✓ Enhanced coordination with upstream and downstream countries on shared climate risks

Ongoing / pipeline projects



Regional Climate Resilience Program (RCRP) (South Sudan, Uganda)

A joint transboundary flood risk management initiative focused on shared border catchments, particularly along the **Elegu–Nimule corridor**.

Benefits

- ✓ Flood risk assessments completed in high-risk border areas (Elegu–Nimule corridor)
- ✓ Community-level early warning dissemination mechanisms established
- ✓ Strengthened joint flood response coordination with Uganda



South Sudan–Uganda Power Interconnection Project (SUPIP)

A 400 kV high-voltage regional power interconnection linking South Sudan to Uganda's electricity grid through the **Olwiyo–Nimule–Juba corridor**, enabling access to regional power markets.

Benefits

- ✔ 400 kV high-voltage interconnection (Olwiyo–Nimule–Juba corridor)
- ✔ Connection to regional electricity grid
- ✔ Reduced reliance on costly diesel generation
- ✔ Improved electricity supply for Juba & major border towns
- ✔ Foundation for long-term regional power trade



Stakeholder engagement for SUPIP in meleju the corridor where the transmission line will pass.



The Nyimur–Limu Multipurpose Water Resources Development Project (Uganda–South Sudan)

A multipurpose transboundary water resources development project supporting **irrigation, water supply, flood control, and watershed management** in the Aswa Basin.

Benefits

- ✓ ~1,830 hectares planned irrigation (South Sudan side)
- ✓ Water supply for ~12,000 people & 6,000 livestock
- ✓ Reduced flood impacts & improved watershed protection
- ✓ Enhanced food security & cross-border water cooperation



Photograph by Gethin Chamberlain /The Guardian



Jebel Aulia–Renk–Malakal Integrated Water Resources Management & Fisheries Project (South Sudan, Sudan)

A transboundary initiative focusing on joint water and fisheries management along the Nile corridor between South Sudan and Sudan.

Benefits

- ✓ Joint management of White Nile water & fisheries resources
- ✓ Improved fisheries productivity & aquatic ecosystem management
- ✓ Strengthened livelihoods for river-dependent communities
- ✓ Enhanced South Sudan–Sudan Nile corridor cooperation

NILE BASIN COOPERATION BENEFITS FOR TANZANIA

Completed Projects



Regional Rusumo Falls Hydroelectric Project (RRFHP)

80 MW regional hydropower plant ≈26 MW allocated to Tanzania; reduced thermal generation reliance; improved grid stability in north-western Tanzania; local employment; community investments in Kagera Region (roads, water supply, social infrastructure)



Nile Cooperation for Climate Resilience (NCCR)

Basin-wide flood & drought early warning systems (10 Nile Basin countries); improved shared climate, hydrological & water-quality data; strengthened national climate risk assessment & response capacity; enhanced regional climate coordination

Ongoing / pipeline projects



Mara Valley Multipurpose Water Resources Development Project

A multipurpose water resources development investment designed to support **irrigation, flood control, water supply, and watershed management** in the Mara Basin.

Benefits

- ✔ Planned irrigation development (tens of thousands of hectares across the basin)
- ✔ Reduced flood risks & improved seasonal flow regulation
- ✔ Improved water availability for domestic & productive use
- ✔ Enhanced climate resilience in key agricultural & tourism basin



Ngono Valley Multipurpose Water Resources Development Project

A multipurpose water resources project supporting **agricultural development, water supply, and climate adaptation** in the Ngono Valley.

Benefits

- ✔ Planned irrigation expansion for agricultural productivity
- ✔ Improved rural water security (communities & livestock)
- ✔ Reduced vulnerability to drought & climate variability
- ✔ Strengthened local livelihoods & economic activity



The Sango Bay–Minziro Wetlands Project (Uganda–Tanzania),

A transboundary wetlands conservation and management initiative protecting one of **the most important wetland ecosystems** in the Lake Victoria Basin.

Benefits

- ✔ Protection of transboundary wetlands in Lake Victoria Basin
- ✔ Carbon-rich wetland conservation (climate mitigation benefits)
- ✔ Sustained fisheries & agriculture-dependent livelihoods
- ✔ Strengthened Tanzania–Uganda ecosystem cooperation



Nsongezi Hydropower Project (Tanzania, Uganda, Rwanda)

A proposed cross-border hydropower development project aimed at increasing renewable energy generation and strengthening regional power cooperation.

Benefits

- ✔ Potential addition of renewable energy generation capacity to support national and regional demand
- ✔ Diversification of the countries' energy mix through regional hydropower development
- ✔ Strengthened cross-border energy cooperation and long-term power trade opportunities
- ✔ Contribution to regional energy security under cooperative development frameworks



PEATWISE Project (Burundi, Rwanda, Tanzania, Uganda)

The PEATWISE project supports the conservation and sustainable management of wetlands and peatlands within the Kagera Basin, recognizing their critical role in climate regulation, water storage, biodiversity protection, and livelihoods.

Benefits

- ✔ Protection and restoration of carbon-rich peatlands for climate mitigation
- ✔ Improved water regulation and flood and drought resilience
- ✔ Strengthened institutional capacity for wetland management
- ✔ Enhanced biodiversity conservation in sensitive ecosystems
- ✔ Sustained livelihoods for wetland-dependent communities

NILE BASIN COOPERATION BENEFITS FOR UGANDA

Completed Projects



LEAF I & II – Lake Edward & Albert Fisheries and Water Resources Management (Uganda, DRC)

Fisheries & Water Resources

Improved fisheries governance; 5 modern landing sites (5,700 tonnes/year capacity); reduced post-harvest losses; mobile water quality labs (25+ districts); strengthened joint surveillance (patrol boats & RV Angara); improved lakeshore livelihoods





Nile Cooperation for Climate Resilience (NCCR)

Climate Risk Management

Access to regional flood & drought early warning systems; improved shared climate & hydrological data; strengthened institutional capacity; enhanced cross-border climate coordination

Ongoing / pipeline projects



The Regional Climate Resilience Program (RCRP) Uganda – South Sudan

A joint transboundary flood risk management and climate resilience initiative targeting shared border catchments.

Benefits

- ✓ Reduced flood risks in northern border districts (Elegu–Nimule corridor)
- ✓ Improved early warning dissemination & community preparedness
- ✓ Protection of cross-border trade corridors & settlements

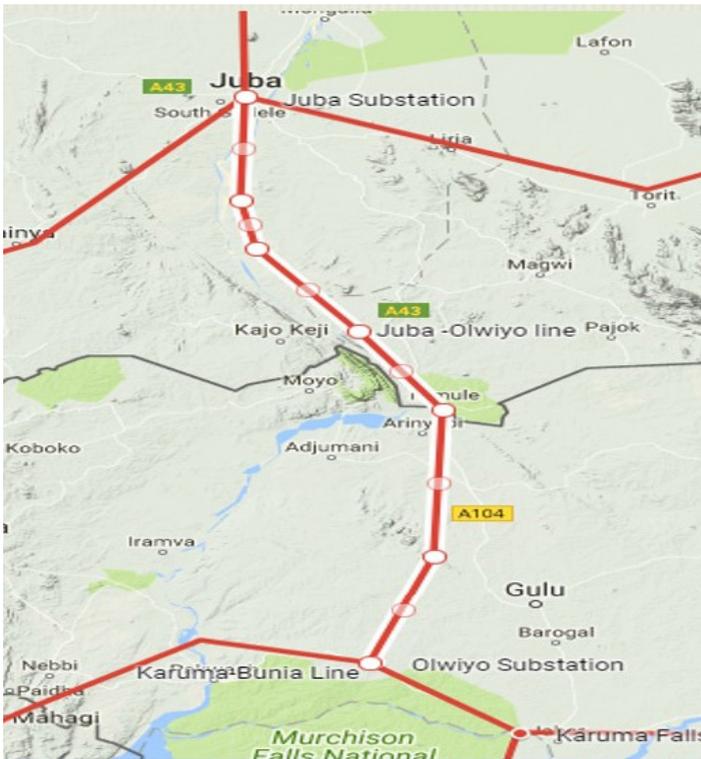


South Sudan–Uganda Power Interconnection Project (SUPIP)

A 400 kV cross-border transmission line connecting Uganda's grid (Olwiyo) to South Sudan (Bibia–Juba), enabling bulk power exports and regional electricity trade.

Benefits

- ✔ 400 kV cross-border transmission line
- ✔ Expanded electricity export market
- ✔ Increased utilization of national generation capacity
- ✔ Strengthened regional power hub position





DR Congo (Beni–Butembo–Bunia) – Uganda (Nkenda) Power Interconnection Project

A regional power interconnector **enabling electricity trade** between Uganda and eastern DRC.

Benefits

- ✔ Cross-border transmission interconnection
- ✔ Expanded electricity export opportunities
- ✔ Improved grid resilience & regional energy integration



Nkenda substation in Uganda and the Uganda–DRC Overhead Transmission Line Part of the Nkenda Beni Bunia OHTL interconnection



The Angololo Transboundary Water Resources Development Project (Kenya–Uganda)

A multipurpose dam project on the Angololo/Malaba River providing irrigation, flood control, water supply, and mini hydropower.

Benefits

- ✓ ~4,300 hectares irrigation (shared)
- ✓ Water supply for up to 270,000 people
- ✓ 430 km² watershed management
- ✓ ~1.3 MW mini-hydropower generation



The Nyimur–Limu Multipurpose Water Resources Development Project (Uganda–South Sudan)

A shared multipurpose water infrastructure project supporting irrigation, water supply, flood management, and small-scale hydropower in the Aswa Basin.

Benefits

- ✓ ~4,140 hectares irrigation (Ugandan side)
- ✓ Water supply for ~12,000 people & 6,000 livestock
- ✓ ~410 kW small-scale hydropower
- ✓ Reduced flood impacts & strengthened bilateral cooperation



PEATWISE Project (Burundi, Rwanda, Tanzania, Uganda)

The PEATWISE project supports the conservation and sustainable management of wetlands and peatlands within the Kagera Basin, recognizing their critical role in climate regulation, water storage, biodiversity protection, and livelihoods.

Benefits

- ✔ Protection and restoration of carbon-rich peatlands for climate mitigation
- ✔ Improved water regulation and flood and drought resilience
- ✔ Strengthened institutional capacity for wetland management
- ✔ Enhanced biodiversity conservation in sensitive ecosystems
- ✔ Sustained livelihoods for wetland-dependent communities



Nile Equatorial Lakes Subsidiary Action Plan (NELSAP)

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