Global Gateway

POWERING UGANDA'S CLEAN ENERGY FUTURE



Uganda priorities
Global Gateway offer
Team Europe delivery

OCTOBER 2026

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FOREWORD

Uganda's energy transition, our shared agenda

As the European Union and Uganda mark fifty years of partnership, this brochure highlights how our cooperation continues to support Uganda's priorities in the energy sector. It reflects a shared commitment to a just and inclusive transition that expands opportunity, strengthens resilience and supports long-term prosperity.

Energy is more than infrastructure. It is a foundation for industrialisation, human development and social equity. It powers businesses and value addition, strengthens health and education services, and connects communities to wider opportunities. In Uganda, the transition to cleaner energy is therefore not only a climate imperative; it is also a pathway to jobs, competitiveness, local value creation and improved quality of life.

This is the spirit in which Global Gateway, the EU strategy for connectivity investment, is being advanced in Uganda through a Team Europe approach. The European Union, its Member States and European financial institutions are working together with the Government of Uganda, led by the Ministry of Energy and Mineral Development and sector institutions, and with other partners to back the investments Uganda needs most, in the right order, as part of a wider **€150 billion investment** effort across Africa.

In Uganda alone, over the past ten years, the EU has mobilised around **€200 million in grants** for the energy partnership, with the potential to attract more than **€1 billion in investments**, with Team Europe as the main delivery channel. To address the global challenge of climate change, the EU is working with Africa to maximise the benefits of a job-rich green transition while minimising environmental risks, in line with the Paris Agreement. In the energy sector, this means supporting a higher share of renewables in the energy mix, expanding access to affordable, reliable and sustainable energy, and advancing market integration and sector reform.

Our shared ambition is clear. By 2030, the Africa-Europe partnership aims to help add at least **300 GW** of renewable energy capacity. In Uganda, this translates into practical support across the energy system: grid expansion, mini-grids, standalone systems, clean cooking, renewable generation, regional interconnection, project preparation, skills, innovation and community engagement.

This is the practical meaning of Global Gateway in Uganda: linking policy, finance, infrastructure and local delivery in one coordinated, future-focused partnership that turns investment into long-term progress, skilling and technology transfer.

Under Global Gateway, Team Europe is a reliable long-term partner in this journey. By combining policy dialogue, technical assistance, concessional finance, guarantees and investment support, we are helping to mobilise public and private sector investment, strengthen markets and institutions, and turn national priorities into investable projects, stronger partnerships tangible results on the ground. We do so in partnership with Ugandan institutions and alongside other development partners, including regional institutions and multilateral financing partners. The pages that follow show how Uganda is leading this agenda through its national institutions and delivery frameworks, and how the European Union – through Global Gateway and a Team Europe approach – is contributing as a committed partner.

Jan Sadek
Ambassador of the European Union to the Republic of Uganda

A partnership built on

Uganda places energy at the centre of development. As set out through Vision 2040, NDP IV, to electricity, but also to improve reliability, lower costs and bring power

Uganda's 2030 energy priorities

EXPAND ELECTRICITY ACCESS

for reliable electricity to reach more households, communities and businesses across Uganda.

National targets:
66,528 km LV grid expansion
+6.17 million household connections
+2,700 mini-grids

SCALE CLEAN COOKING

for better health, lower pressure on forests and reduced emissions.

National targets:
+4 million appliances for clean cooking
Clean cooking adoption: from 15% to 50%

DIVERSIFY POWER SUPPLY

for a system that is more reliable, affordable and ready for rising demand.

National targets:
+13,644 MW installed RE capacity
+1,930 km transmission lines
+1,978 MW battery storage

POWER JOBS AND ENTERPRISE

to go beyond connecting users and support productivity, local value creation and economic growth.

National targets:
500,000 green jobs by 2040, with public universities having relevant programmes by 2030
C&I : from **68 to 80%** of electric demand
Industrial tariffs ≤ **$ 0.05 / kWh**

These shared priorities and milestones define the investment

Uganda's priorities

the tenfold growth strategy and the energy policy, the goal is not only to connect more people where it can drive industrialisation, urbanisation and socio-economic transformation.

Uganda's 2030 energy priorities

BOOST EFFICIENCY

to reduce energy waste, lower costs and make better use of available power.

National targets:
Grid losses: from **16-18%** to **15%**
Grid reliability index: from **80%** to **98%**
Direct power saved (DSM): **50+ MW**
100% motorcycles' electrification

CROWD IN INVESTMENT

to help more projects become bankable, attract finance and move to implementation.

National targets:
$8.9 Billion investment through
30% private input across projects
Blending subsidies and concessional loans
Green bonds and **carbon markets**

EXPORT CLEAN POWER

to improve energy security, system flexibility and regional power trade.

EAC targets:
25,000 GWh/year trade
25.8M tonnes C02 emissions avoided

East African Community

2031 targets

Uganda leads.
Team Europe supports.
Global Gateway enables scaling.



EU Member States

European Union institutions

European Development Institutions

European financial institutions

TEAM EUROPE

DIFFERENT ACTORS, ONE COORDINATED RESPONSE TO UGANDA'S PRIORITIES

One direction.
Shared efforts.
Bigger results.

How Team Europe supports delivery

Uganda's energy transition needs more than infrastructure. It needs reforms, finance, skilling and implementation moving together.

WE HELP PREPARE PROJECTS

turning priorities into bankable investments

WE BLEND FINANCE

matching grants, loans and equity to needs

WE SUPPORT REFORMS

for policy to turn into action faster

WE REDUCE RISKS

using guarantees and other de-risking tools to bring in more private investment

WE HELP PARTNERS ALIGN

bringing institutions and instruments together

WE HELP SCALE INVESTMENT

expanding what works

Uganda leads by setting priorities and defining the pipeline. Team Europe supports by preparing projects, aligning partners and combining finance and de-risking tools. Through Global Gateway, these efforts come together to mobilise quality investment at scale.

BACKING UGANDA'S EFFORTS TO ACCELERATE ELECTRICITY ACCESS

Uganda's access challenge needs different delivery models. Team Europe supports grid expansion, mini-grids and off-grid solutions as complementary tools, coordinated to accelerate universal access.



Team Europe has helped expand access to 1.5 million Ugandans

2030

+ 3 million

HOW?

- **Grid expansion**
- **Mini-grids**
- **Standalone systems**

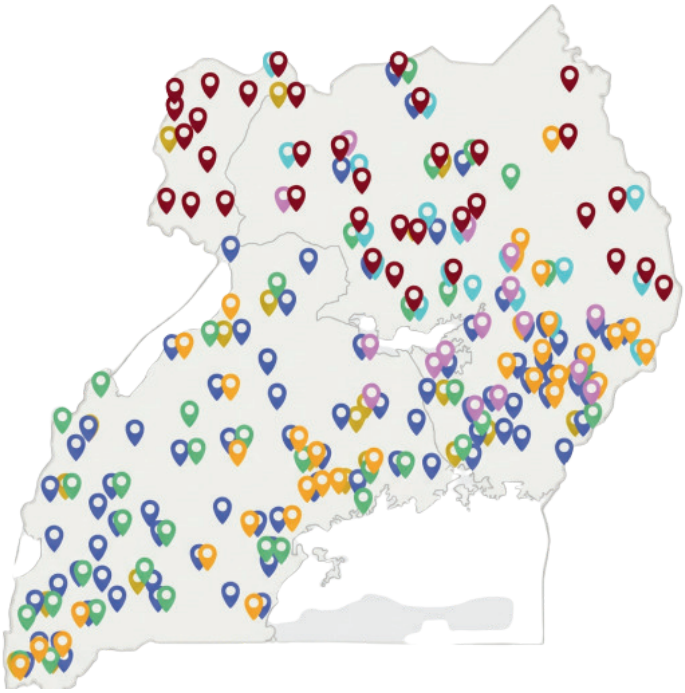
Different tools.
One shared goal.

Priorities:
rural communities, vulnerable groups and productive uses of energy

GRID EXPANSION

Extending the grid where it matters most

For communities and institutions located near the network, least-cost grid extension remains the fastest route to reliable service and productive demand.





Proven track record

- Output-based aid (2014-2019) EU, KfW, WB
- Last mile electrification project phase 1 (2015-2024) EU, AFD, GoU
- Uganda rural electrification project (2017-2026) EU, AFDB, GoU
- Grid densification phase 1 (2015 -2025) KfW

The next horizon - scaling up

- Last mile electrification project phase 2 (2025-2030) EU, AFD
- Grid densification phase (2020-2028) KfW





GLOBAL GATEWAY

blends concessional loans for grid extension

€50 M | €93 M | €28 M

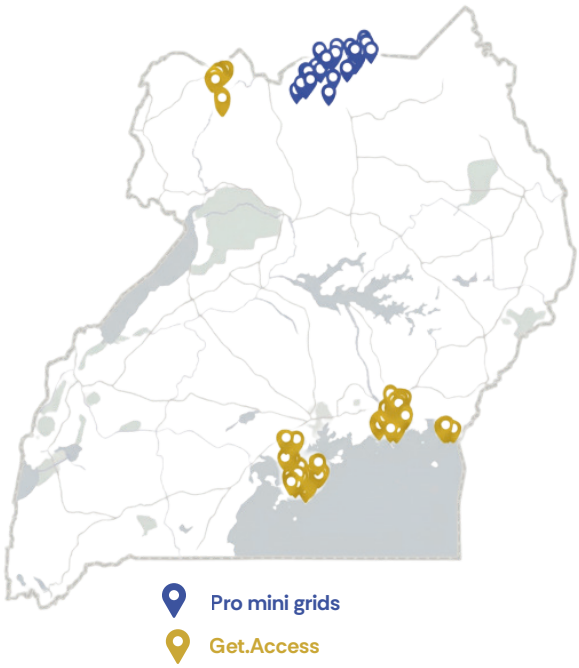
with EU grants for connections, studies and technical assistance to deliver affordable connections at scale

Mini-grids that connect remote communities

MINI-GRIDS

For communities and enterprises beyond the reach of the main network, mini-grids offer a reliable route to local service, productive use and local growth.







From policy targets to building the models for scale

PRO MINI-GRIDS (2016-2025)
Led by GIZ

- **28 villages**
- **250 technicians** trained
- **20,000 people** reached

From proving the model to scaling deployment

GET ACCESS (2023-2030)
Led by KfW

- **153 villages**
- **4 concessions**
- **150,000 people** targeted

GLOBAL GATEWAY

*provides **targeted subsidies** for both grids and connections*

€15.7 M | €5 M | €13.3 M

to unlock private investment while keeping service affordable



STANDALONE SYSTEMS

Off-grid energy that powers incomes

For households, farms and SMEs beyond the grid, standalone systems can do more than provide light: they can reduce costs, raise productivity and support enterprise growth.

De-risking market entry for off-grid business

Case study: Koolboks. When Beyond the Grid Fund for Africa funded Koolboks entered Uganda, import duties on non-solar panel components raised system costs by over 40%, putting market entry at risk. Through BGFA support and coordination via the Uganda's Off-Grid Energy Working Group, the company received guidance on tax classifications, access to the right authorities and persistent follow-up, helping secure product release and avoid major losses. Today, Koolboks sells solar-powered freezers to farmers, fish traders and small businesses, linking standalone solar power with productive use.



Results-based financing to clean energy companies

Beyond the Grid Fund for Africa (BGFA)

2022- 2028 - Led by NEFCO

- **3 million people** targeted
- **1.4 million people** reached

Expanding access to SHS for underbanked customers

Facility for Energy Inclusion (FEI): off-grid Energy Access Fund (OGEF)

2023-2033 -Led by Cygnum CG

- **1 million SHS customers**
- **$10 M to reach poorer households**





GLOBAL GATEWAY

Team Europe-backed instruments

BGFA		FEI-OGEF	
€15.7M	€11.2 M	€3 M	via KfW

provide grants and unlock private investment in energy access while supporting markets to scale



Powering local productivity: from access to income and enterprises

Team Europe supports Uganda in building the finance, business models and market linkages needed to scale productive use in support of the country's wider ATMS ambitions.

MOBILISING AND DE-RISKING INVESTMENT

Team Europe support through catalytic finance instruments

·ElectriFI: backing clean energy entrepreneurs and commercial growth

- €0.5–10 M ticket for enterprise-focused investments
- €12.5 M Uganda's country window (2021-2041)
- €5 M currently deployed in equity and debt financing

·Camco Clean Energy Fund: scaling C&I solar and SME resilience

- Sustainable Energy Platform signed in 2024 for solar development
- $25 M committed to Spark Energy Services in 2023
- €2.32 M EIB junior debt currently deployed in Uganda

DESIREE: an EIB and EU blended programme to develop energy services fore renewables and energy efficiency

- Technical assistance, grants and tailored financial instruments (2021–2029)
- Supports energy efficiency, demand-side management and renewable energy solutions
- Collaboration with Uganda Development Bank

Together, these instruments are designed to crowd in investment, reduce risk and scale cleaner and more reliable energy solutions.

BACKING UGANDA'S E-MOBILITY STRATEGY ON BOTH THE DEMAND AND THE SUPPLY SIDE

Team Europe support across the e-mobility value chain

EU: backing private-sector pioneers, early market uptake and investment mobilisation

- Support to early market uptake - Zembo (2018)
- €2.5 M debt financing to Gogo Electric to scale up local manufacturing (2024 and 2026)
- €5.9 M grant for safe electric rider finance and trade-related facilities (2026-2029)

Denmark: scaling electric boda-boda uptake and charging infrastructure

- DKK 1.5 M pilot grant (2024) + DKK 15 M scale-up (2025-2029)
- 22,000+ operators targeted for transition

Germany: advancing charging regulation, public transport reforms, minibus electrification and skilling

- Curricula and 300+ technicians trained (2020-2025)
- €0.6 M for minibus electrification feasibility analysis, reforms, and technical assistance (2026-2028)
- Pilot projects for off-grid charging (2026-2029)

Together, these actions support Uganda's e-mobility strategy from regulation and skills to market uptake, local value creation and scale.

"Turning energy into growth across agro-industry, tourism, minerals, science and innovation (ATMS)"





Backing Uganda's clean cooking transition

Team Europe helps build the market systems and financing pathways that can turn that national goal into scalable delivery.

BUILDING AN INVESTABLE MARKET

Strengthening the entrepreneurial ecosystem for clean cooking (2020-2026)

60 SMEs
supported with finance access and business development

ACCESS ACHIEVEMENTS

58,030 people reached through **9,255 higher-tier cooking appliances** and **2,351 biodigesters**

€2.1 M

€5.2 M

Led by GIZ (high-tier cooking appliances) and SNV (biodigesters), coordinated by RVO

SCALING THROUGH REGIONAL ACTION AND FINANCE

Regional Clean cooking action (2026-2030)

REGIONAL EXCHANGE
Technical exchanges, harmonisation of standards and regional strategies

IMPROVE SME BANKABILITY
De-risk growth capital, strengthen investment readiness, and expand catalytic finance

FINANCIERS
Stronger pipelines and lower transaction costs

€20 M

€26 M

Regional envelope led by AFD (access to finance) and GIZ (standards and business development support)



> **Team Europe supports Uganda in building the standards, market systems and financing pathways needed to scale clean cooking through affordable, phased transition pathways**

EMPOWERMENT FROM WITHIN: PARTNERING WITH CIVIL SOCIETY FOR JUST ENERGY ACCESS



As part of the European Union's support to civil society, the EU launches a competitive call for proposals on average once a year. These calls complement other EU programmes by focusing on specific issues and groups.

Since 2022, the EU Delegation to Uganda has launched four calls for proposals worth €18.9 million to support civil society action. The latest focused exclusively on energy access and climate action.

Through these partnerships, civil society organisations bridge the gap between policy and grassroots needs, ensuring a faire and inclusive energy transition for all.

CIVIL SOCIETY IN ACTION

Scaling-up rural electrification

in Western Uganda
(2015-2021)

Led by WWF

- **62 Ugandan CSOs** partnered
- **4,134 Solar Home Systems** installed incl. 20 health centres and 31 schools
- **357 permanent jobs and 320 temporary jobs** created

Budget: €4.8 M
EU contribution: 75%

Local energy access and productive use

in Northern Uganda
(2026-2030)

Led by Caritas

- **30 Ugandan CSOs** partnered
- **30,000 households and 200 SMEs** targeted
- **300 jobs** targeted

Budget: €2.8 M
EU contribution: 90%

GLOBAL GATEWAY LINKS INFRASTRUCTURE, INCLUSION AND LOCAL

BACKING UGANDA'S SUSTAINABLE ENERGY RESPONSE PLAN FOR REFUGEES AND HOST COMMUNITIES

Uganda hosts Africa's largest refugee population, providing a safe haven to people fleeing conflict and persecution, mainly from South Sudan, Sudan, the Democratic Republic of Congo and Burundi.

The EU stands with Uganda in protecting refugees, supporting lifesaving assistance today while investing in medium to long-term development solutions for refugees and host communities.

As a key partner, the EU helps strengthen refugee-hosting districts and advance Uganda's implementation of the Comprehensive Refugee Response Framework and the Global Compact on Refugees.



ENERGY AND SELF-RELIANCE
IN DISPLACEMENT SETTINGS (2026-2029)

Energy access: led by GIZ
Self-reliance : led by WFP

Skills and ownership

2 vocational training institutes upgraded

100+ local technicians trained

70/30 settlement/Host community allocation

Market-Based access and enterprise

6 business service centres

Provide solar-powered services, digital connectivity, e-learning and e-waste management

productive use of energy

500+ micro-enterprises and households targeted

with priority for women-led and disability-inclusive businesses

€15 M | €4 M | €0.5 M

DELIVERY SO THAT SCALE TRANSLATES INTO VISIBLE BENEFITS



BACKING UGANDA'S DRIVE TO DIVERSIFY ITS ENERGY MIX,

Team Europe has helped power millions of households and businesses, unlocking private capital

CATALYSING SMALL SCALE PRIVATE POWER

GET FIT UGANDA

159.4 MW
installed capacity

$450 M
mobilised from the private sector

17 PROJECTS
including
first utility-scale solar PV plant in East Africa

20% INCREASE
in electricity production when commissioned

Roughly €90 M in European grant funding

€20 M + €15 M

\+

NOK140 M + £49.6 M

Led by KfW

GET FIT helped unlock a pipeline of small renewable energy projects (1-20 MW) by supporting independent power producers through a structured mechanism combining targeted incentives, risk mitigation and donor-backed project preparation. The added value of the EU offer was to reduce early-stage risk and make small renewable IPPs investable, replicable and scalable.

SCALING MEDIUM-SIZED PRIVATE GENERATION

ACHWA HPP CASCADE SYSTEM

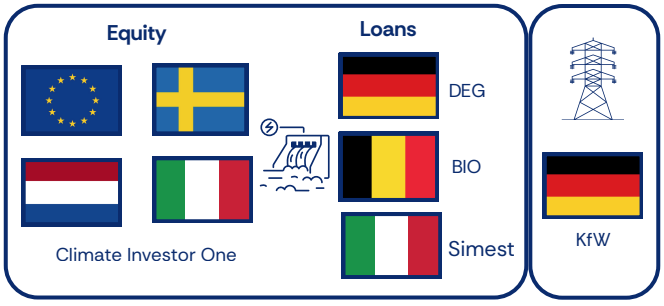
84 MW
installed capacity

€280 M
total cost

100 000+ TONNES
avoided emissions / year

83 KM
transmission line (132 kV)

European development-finance-institutions-backed funds



Achwa hydropower plant (HPP) supported a medium-scale hydropower project delivered through a private-sector-led model, by supporting project structuring and financing in a challenging investment environment. The added value of the Team Europe offer was to improve risk allocation and make a medium-scale renewable project bankable, investable and attractive to private investors.

Grants to improve market conditions ● Standardised approaches and risk-sharing



LOWER POWER COSTS AND POWER GREEN INDUSTRIALISATION

and bringing nearly 500 MW of renewables online in support of Uganda's energy objectives

ENABLING LARGE-SCALE PUBLIC PRIVATE DELIVERY

BUJAGALI HPP

250 MW
installed capacity

$900 M
mobilised

800 000+ TONNES
avoided emissions / year

70% INCREASE
in electricity production when commissioned

European and multilateral-finance-institutions-backed funds

Equity

65%

Loans

EIB

Proparco

+

DEG -KfW

FMO

+IFC and AfDB

Bujagali helped deliver major hydropower capacity through a BOOT public-private partnership by combining long-term finance, risk-sharing and operational delivery for a strategic generation asset where additional bulk supply was urgently needed (2007). The added value of the Team Europe offer was to help mobilise large-scale investment in coordination with IFC and AfDB for infrastructure with system-wide impact.

PROTECTING STRATEGIC PUBLIC GENERATION

NALUBAALE-KIIRA HPP REHABILITATION

380 MW
combined capacity preserved

€170 M
total cost

€1-1.1 CENTS/KWH
Lowest generation cost in the country

30 YEARS
extended economic life

€170 M Team Europe package

€73 M (AFD loan)
€2 M (AFD grant)

€65 M (EIB loan)
€30 M (EU grant)

Nalubaale-Kiira is helping rehabilitate and upgrade publicly led hydropower assets under UEGCL, preserving performance, reliability and long-term value in Uganda's existing generation base, keeping power affordable. The added value of the EU offer is to sustain affordable and reliable power by modernising strategic public infrastructure that remains essential to the whole system.

Blending for public-led projects ● Finance mobilisation for private-led projects

BACKING UGANDA'S VISION TO BECOME

Team Europe has helped strengthen Uganda's interconnectors to put Uganda at the centre

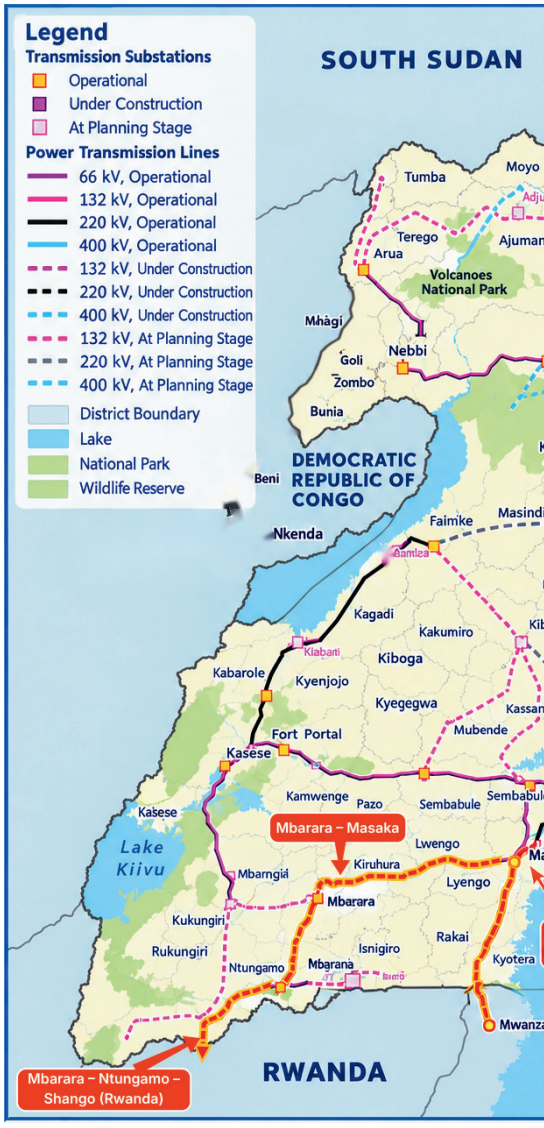
Uganda's role as a regional power hub starts with a stronger domestic grid

Team Europe combines concessional finance and, where appropriate, EU grants to strengthen Uganda's transmission backbone and prepare regional interconnectors for implementation. An example is the **Mbarara-Masaka transmission line**, which strengthens domestic power flows and helping complete Uganda's 220 kV connection with Rwanda. It brings together French and German financing, complemented by EU support for project preparation. Where appropriate, the EU offer can also include EFSD+ guarantees and other risk-sharing tools to help crowd in investment.

From that national backbone, Global Gateway helps prepare and finance larger cross-border links

through technical assistance and blended finance for regional interconnections and electricity trade. Recent commitments include the Uganda–South Sudan interconnector, backed by a **€51 million EU grant** within an AfDB-led package, and the Uganda–Tanzania interconnector, supported by a **€35 million EU grant** and a **€70 million AFD concessional loan** within a wider World Bank-led package. Through Global Gateway, Team Europe blends EU grants with concessional loans to de-risk projects, accelerate feasibility studies, and attract private capital.

Together, these links help Uganda monetise surplus clean power while lowering regional carbon emissions and improving energy security across Eastern Africa.



- TL Mutundu-Entebbe to provide reliable power to the city of Entebbe, KfW financing
- TL Gulu-Agago allowing evacuation from Achwa power plant, KfW financing
- TL Mbarara-Masaka helping complete Uganda's 220 kV connection with Rwanda, AFD and KfW financing

Team Europe supports Uganda and regional institutions through grid investments, interconnectors

A MAJOR REGIONAL POWER HUB BY 2040

transmission backbone and prepare and implement priority of progressively integrated power markets



- Uganda-Kenya interconnector, blended AfDB loans, JICA and EU grants
- Uganda-Rwanda interconnector, AfDB, JICA and EU regional integration grant (NELSAP co-financed)
- Uganda-Tanzania interconnector, AFD loan and EU grant to World Bank led package
- Uganda-South Sudan interconnector, blended AfDB loan with AfDB and EU grants

Derisking investment: converting priorities into bankability

Team Europe supports the studies and project preparation needed to bring interconnectors to technical maturity, including feasibility studies, route selection, environmental and social impact assessments, and technical design. Flagship examples include support through **the Nile Equatorial Lakes Subsidiary Action Programme (NELSAP)** for the preparation of priority regional corridors such as the Uganda-DRC and other cross-border interconnectors. This reduces project risk, improves investment readiness and helps unlock follow-on financing for implementation.

From cables to trade: building a progressively integrated power markets

Team Europe supports Uganda and regional partners through regional market frameworks, institutional cooperation and capacity building that help make cross-border electricity trade possible in practice. Flagship examples include EU support to the **African Continental Power Systems Masterplan,** the **integration study between the Eastern and the Southern Africa Power Pools** and the **EAPP's Independant Regulatory Board**. This support helps build the rules, coordination mechanisms and institutional capacity needed for a functioning regional power market.

How Team Europe supports scale:

- **Rules and regulation**
- **Project preparation**
- **Investment readiness**
- **Links to financiers**

regional rules and the coordination needed to turn infrastructure into regional power trade.

POWERING POLICY AND INVESTMENT

Team Europe supports the full investment pathway: from enabling frameworks and institutional capacity, to project preparation and structuring, to investment-ready projects that can mobilise blended finance and private investment.

Strengthening enabling frameworks and institutional capacity

GET.TRANSFORM

supports Uganda to strengthen key clean energy policy and regulatory frameworks, including:

- mini-grid tariff framework
- distributed generation and e-mobility regulatory framework
- renewable energy auction design

Reaching financial maturity

GET.INVEST

supports clean energy companies and projects to be investment ready + connects them with financiers:

- **93 applications** from Uganda
- **27 clients** supported seeking a combined **€830.5 M** in investment
- **6 financing agreements** signed, raising a combined **€35.7 M**



GET.PRO

led by GIZ



Peer-to-peer and technical assistance support

ENERGY FACILITY AND TWINNING

provide respectively targeted technical assistance to respond quickly to regulatory and implementation needs, and peer-to-peer cooperation between Ugandan and EU public institutions. An example of TA mobilisation is on energy efficiency regulation.

Together, they help strengthen rules, institutions and practical capacity for sector delivery.

Reaching technical maturity

GLOBAL GATEWAY FACILITY

helps move priority investments from early concept to investment readiness by supporting project preparation, including feasibility studies, ESIAs and technical designs. The latest example of the use of the facility is the preparation of a roadmap and of a **€100 million investment package** for the electrification of Northern Uganda.

Rules and capacity → project preparation and structuring → investment-ready projects

POWERING INNOVATION AND TALENT

Team Europe connects training, research and industry partnerships so that energy investments can be delivered, operated and sustained locally.

Skills aligned to labour market demand

TEAM EUROPE INITIATIVE OP-VET

connects Ugandan vocational training and industry to build skills where investments are creating jobs, from identifying workforce needs to shaping training for local uptake. For the energy sector, in Uganda TEI OP-VET supports partnerships with employers, work-based learning and targeted training pathways aligned with labour market demand for the installation, operation and maintenance of renewable energy, energy efficiency and productive use solutions.

Human capital and skills for the energy transition

ERASMUS+

connects Ugandan and EU universities through mobility, partnerships and curriculum cooperation. With over 150 partnerships between Ugandan universities in 24 countries, it is helping expand opportunities for students, staff and future professionals. By linking exchanges with advanced pathways such as Erasmus Mundus, ERASMUS+ helps build the skills base for the green transition, from technical expertise to higher-level innovation in areas like energy, technology and the circular economy.

Why this matters for scale

Driving digital innovation in energy

THE DIGITAL ENERGY FACILITY

funded by the EU and implemented by AFD, DEF supports energy utilities and startups in their digitalisation process through technical assistance, project preparation and seed/pre seed financing. In Uganda, DEF supported KAMATA in developing smart solutions to detect electricity theft for electricity utilities and telecom tower providers. The project supported the operation of 120,000 kWh of renewables and the improvement of electricity services for around 1,500 people.

Innovation partnerships for uptake

HORIZON EUROPE

connects Ugandan and European researchers and innovators to work on practical renewable energy and access challenges, from testing solutions to building partnerships for local uptake. The LEAP-RE action is one example, supporting clean cooking, off-grid energy solutions and productive energy use in local communities.

Global Gateway links skills, innovation and partnerships to deliver Uganda's energy transition at scale.

One Team Europe offer for Uganda's energy transition

The European institutions and finance partners featured here are part of one coordinated offer: supporting Uganda's priorities and helping scale quality energy investment through Global Gateway.

Over the past decade, the **European Commission** has provided around €200 million in grants for the EU-Uganda energy partnership, helping unlock more than €1 billion in wider investment, channelled mainly through Team Europe via project preparation, blended finance, EFSD+ guarantees, other risk-sharing tools and investment-facilitation services that connect projects to financing partners. This partnership is also reinforced by wider EU regional and global instruments, including the Africa Investment Platform, Climate Investor One, Global Energy Efficiency and Renewable Energy Fund (GEEREF) and Spark+ Africa Fund, which can help scale renewables, mini-grids, productive uses, energy efficiency and clean cooking in Uganda.



Since 1981, the **European Investment Bank** (EIB) has channelled more than €690 M into a diverse array of initiatives. Within the energy sector, the EIB's efforts encompass a variety of projects, such as the construction or rehabilitation of hydropower facilities, the establishment of regional interconnectors, the expansion of last-mile connectivity, the advancement of off-grid solar energy systems, and collaborations with Uganda Development Bank aimed at enhancing energy efficiency through the DESIREE (Development of Energy Services for Increasing Energy Efficiency and Renewable Energy) programme.

Different partners, one delivery logic.



Belgium's contribution to the development of the energy sector in Uganda is centred on Belgian Investment Company for Developing countries (BIO) investments in hydropower in Western and Northern Uganda, with an overall loan investment of €35 M. Additionally, Belgium's development agency Enabel supports energy-saving measures in education and health facilities, including solar systems, biogas and briquette plants and wood saving kitchen stoves.



The Netherlands through FMO Entrepreneurial Development Bank (FMO) and Invest International has been actively supporting Uganda's renewable energy sector through various projects. The investments of FMO are mainly in the renewable energy sector, in mini-hydropower and solar energy. They're also looking at possibilities for investments within electric transport (e-mobility). FMO started with their Access to Energy Fund in 2007 and since then invested in private renewable energy companies.



Denmark supports the Beyond the Grid Fund for Africa's Uganda portfolio, aiming to provide new and improved access to electricity for approximately 3 million Ugandans. The project, implemented by NEFCO, has a total grant of €18 M and is expected to leverage €50 - 60 M in private financing. Denmark's contribution is approximately €17 M. The project focuses on off-grid solar electricity at household and small company levels. Additionally, Denmark supports other energy initiatives, including a €1.9 M project for climate change mitigation pumps and a €1 M project for solar-driven irrigation pumps.



Ireland supports Uganda's energy sector through various initiatives. With €2 M in Irish funding, a World Bank Trust Fund has backed sustainable forest management to improve energy access in refugee-hosting areas. Ireland also funds €1 M to the Global Alliance for Green and Gender Action network, which supports partners promoting good energy governance and renewable energy access for women and youth in northern Uganda. Additionally, with €1 M in funding to the AVSI Foundation, Ireland supports vocational programmes in Karamoja including training in solar technologies, and will allocate €1.5 M to the UNCDF LoCAL mechanism to enhance low-cost clean energy access.





In 2019, **Sweden** and Uganda signed a Memorandum of Understanding for cooperation in the energy sector, leading to achievements such as the upgrading of the Scada system at the UETCL and strengthening human capital within Uganda's energy utilities. Sweden also supports the €7 M Inclusive Markets for Energy Efficiency in Uganda (IMEU) project, aiming to establish sustainable and inclusive markets for energy-eficient products and services. Additionally, Sweden launched the Beyond the Grid Fund for Africa featured in this brochure, allocating €11.5 M to incentivise companies to close the 'viability gap' for clean energy services in areas that would otherwise not represent viable markets.



France through its French Development Agency (AFD) has been actively supporting Uganda's energy sector since 2006 through various projects across the electricity value chain (distribution, transmission and generation), including support for planning (financing of the Energy Transition Plan led by the International Energy Agency). AFD's loan portfolio in the energy sector exceeds €140 M, including the construction of a high-voltage transmission line to improve the country's grid infrastructure and an electrification and densification project connecting over 200,000 people. AFD also financed technical assistance activities through grants, including a digital optimisation tool for the Nile river cascade benefiting UEGCL.



Italy's contribution to the development of the energy sector in Uganda, through the Ministry of Foreign Affairs and International Cooperation and the Italian development agency AICS, focuses on sustainable energy access and efficient technologies through energy-saving stoves for schools, health centres and households; renewable-energy solutions for essential services, including solar-powered electricity and water systems in Karamoja; and community development and climate resilience through locally adaptable practices that reduce biomass use and promote sustainable energy solutions.



Germany supports Uganda's energy sector through KfW/DEG and GIZ. With €165 M in German funding over the past decade, KfW has backed generation and transmission infrastructure, including 159 MW of capacity and around €75 M via KfW/DEG for private hydropower projects in Uganda. Through GIZ, €58 M from various partners has supported market development, skills, policy, climate, digitalisation and refugee-related energy interventions.



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