

# Energy for Growth in Africa Initiative

*A country-led, finance-driven platform connecting clean energy projects with capital to close the energy access gap and drive sustainable development.*



## About Us

Energy for Growth in Africa (E4G) Initiative is a G7-endorsed programme implemented by the United Nations Development Programme (UNDP) with initial funding from the Italian Ministry of Environment and Energy Security (IMEES). The initiative supports partner countries in accelerating investments in clean energy to advance development priorities and inclusive energy transitions. UNDP Rome Centre based in Italy serves as the central coordinating unit for the programme's implementation through UNDP Country Offices.

## Geographical Focus

**10 African countries:** Congo Brazzaville, Cote d'Ivoire, Ethiopia, Kenya, Mauritania, Mozambique, Rwanda, Tanzania, Tunisia, and Zambia, aiming to evolve an approach that can be replicated and scaled across the continent.



## Key Support Provided to Partners

### Clean Energy Project Origination & Development

- E4G supports UNDP Country Offices in developing clean energy project pipelines aligned with national strategies and climate goals, covering technologies like mini-grids, solar, wind, hydropower, clean cooking, e-mobility, and bioenergy.



### Technical Assistance & Project Enhancement

- Facilitates access to technical support for feasibility studies, power purchase agreement improvements, environmental and social impact assessments, and similar interventions.
- Mobilizes catalytic funds, concessional finance, guarantees, and insurance to mitigate risks (e.g., credit, offtaker, currency).



### Investment Mobilization

- Connects project developers to international financiers, including DFIs and private investors.
- Focuses on de-risking projects to crowd-in private capital and scale investment.



### Strategic Partnerships & Funding Access

- Coordinates with the Italian Climate Fund, IMEES bilateral funds, the EU's Global Gateway, European Investment Bank and is developing partnerships with the G7 membership to mobilize a wide range of instruments for the benefit of the clean energy sector in partner countries.
- Supports integration with broader initiatives like Partnership for Global Infrastructure and Investment (PGII), Just Energy Transition Partnerships (JETPs), and the Rome Process.
- Establishes deep network of climate finance sources to be mobilized for projects in partner countries





## Opportunities for Collaboration

The following are areas of collaboration for our partners:

**Deploying catalytic instruments:** through grants, concessional finance, guarantees, and risk-sharing tools, to unlock private investment and fast-track clean energy access in underserved African markets.

**Developing and strengthening project pipelines:** by collaborating with us to identify impactful projects and funding the activities (such as feasibility studies, impact assessments, and innovative pilots) that help them mature into bankable investments, creating clear value for potential investors.

**Advancing shared agendas:** by aligning contributions with the SDGs and national climate goals, while leveraging UNDP's due diligence and safeguards to ensure every investment delivers impact with integrity.

## Investment Pipeline

E4G supports a diversified pipeline of clean energy projects designed to accelerate energy access, economic growth, and climate resilience across Africa. The pipeline includes:

- Utility-scale renewable energy projects such as solar, wind, hydropower, and biomass
- Mini-grid and rural electrification systems for underserved and remote communities
- Distributed energy solutions including solar home systems and off-grid technologies
- E-mobility infrastructure such as electric vehicles, charging networks, battery systems, and related digital solutions
- Battery Energy Storage Systems (BESS) including standalone and co-located storage solutions
- Clean cooking solutions including improved cookstoves, LPG, biogas, ethanol, and electric cooking technologies

This portfolio approach enables E4G to support scalable, investment-ready projects with strong development impact across the continent.

## Forecast

- **Geographic expansion:** The programme is designed to scale to more African countries beyond the initial 10, in alignment with national energy priorities.
- **Finance goals:** Build a pipeline large enough to channel billions in climate finance by combining donor catalytic capital with private sector leverage.
- **Policy alignment:** Stronger integration with EU Global Gateway, Africa–EU Green Energy Initiative, and G7 finance instruments.
- **Impact horizon:** Deliver measurable outcomes through increased installed renewable energy capacity, expanded household electricity access, greater productive use of energy, wider adoption of clean cooking solutions, job creation, and reduced greenhouse gas emissions.