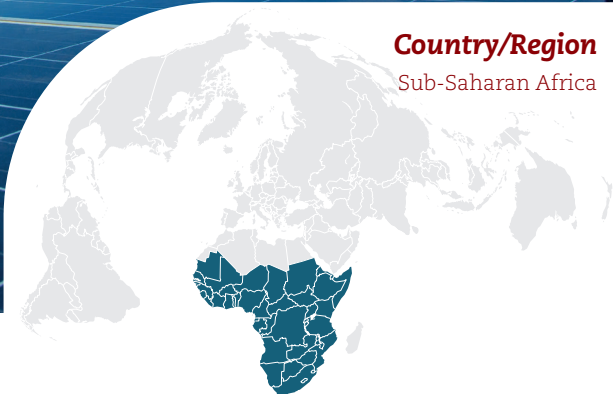




Clean Off-Grid Energy Access

(COGEA)



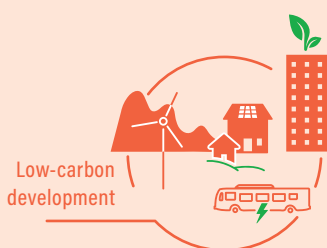
Country/Region
Sub-Saharan Africa

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The Clean Off-Grid Energy Access (COGEA) programme works to improve rural and peri-urban livelihoods by incentivising the deployment and productive use of renewable energy technologies, and to contribute to climate change mitigation by reducing CO₂ emissions. The programme is a contribution to the Clean Energy and Energy Inclusion for Africa foundation (CEI Africa). COGEA promotes new ways and means to support access to climate friendly off-grid energy in rural communities of sub-Saharan Africa by mobilising private investments and public funding through a Social Impact Incentives (SIINC) funding

mechanism that rewards companies that have created lasting social impact for their customers.

Of the 733 million people still living without access to electricity worldwide, 75 per cent are located in rural Africa. This lack of access is a fundamental barrier to human and economic development. Fortunately, renewable electricity offers an off-grid solution that opens the way for economic, social and low-carbon development in rural communities at a competitive price. Productive use of energy has proven to be key to facilitating income-generating activities and thus improving the sustainability of off-grid energy business models.



Phase duration

01.10.2022 – 31.12.2027 (Phase 1)

Financial contribution of SDC

CHF 9,050,000

Target groups

The direct target group of COGEA comprises the energy access enterprises distributing and supplying energy technologies for productive use in targeted countries in sub-Saharan Africa. The indirect target groups are the end users (households and enterprises) in rural and peri-urban areas in sub-Saharan Africa.

Project Objectives

The overall objectives are to improve the livelihoods of rural and peri-urban communities and to mitigate climate change by incentivising the deployment of renewable energy technologies for productive use in sub-Saharan Africa. The expected outcomes include:

- An increase in the rollout and deployment of renewable energy equipment for productive use in sub-Saharan Africa
- The wide productive use of energy technology that provides sustainable energy services to rural communities and households, and improves their livelihood options
- Improvements in the welfare and sustainability of local clean energy companies, thus supporting a more inclusive and equitable energy sector
- Increased women's access to energy technologies for productive use, thus supporting an expansion of women's roles and capacities
- Energy equipment for productive use extended to 17,235 women
- 70 green mini-grids and 20 stand-alone off-grid energy enterprises incentivised to deploy energy equipment for productive use
- Technical assistance provided to 15 green mini-grids and 20 stand-alone off-grid energy enterprises

Expected results for 2023–2027

- 21,226 tonnes of CO₂ emissions avoided
- Deployment of 10,500 energy appliances and equipment for productive use
- Improved access to affordable, reliable and modern energy equipment for productive use for 57,750 people, of which 38,115 gain access for the first time
- Grants will provide financial incentives through a Social Impact Incentives (SIINC) financing mechanism to energy access enterprises (green mini-grids and stand-alone off-grid energy enterprises) that have created lasting benefits for their customers
- Technical assistance will increase the capacity of green mini-grids and stand-alone off-grid enterprises to provide access to equipment for the productive use of energy to vulnerable populations in rural and peri-urban areas in sub-Saharan Africa
- Gender inclusion activities will promote women's access to equipment for the productive use of energy, will support women-owned and women-led energy companies deploying equipment for the productive use of energy, and the technical assistance will include a gender training module

How this will be achieved

The strategies for achieving the programme objectives entail the provision of grants and technical assistance with a consideration of gender inclusion. Specifically:

Partners

Clean Energy and Energy Inclusion for Africa Foundation (CEI Africa)

10.07.2023

Contact

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Additional information

CEI Africa website
<https://cei-africa.com/>



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**Swiss Agency for Development
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