

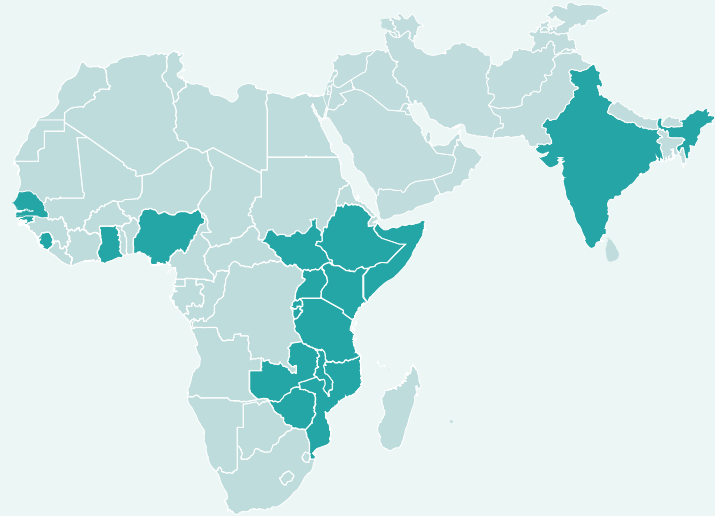


EED Advisory Limited Company Profile

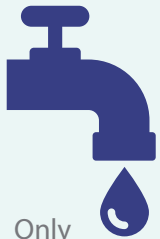
April 2022

Introduction

- EED Advisory is a multidisciplinary Pan-African consulting firm offering technical, analytical and advisory services in **energy, water and climate change**.
- Founded in 2013, our footprint now covers 20 countries.



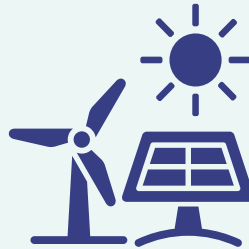
In Africa



Only

44%

of the urban population and 24% of the rural population have proper and adequate sanitation. 800 million live in water stressed countries



900

million people still lack access to clean cooking solutions and about 600 million do not have access to reliable electricity



95%

of all cultivated land is under rain-fed agriculture and directly threatened by climate change and climate variability

Services

- Services offered include research and data analytics, training, program design, policy and strategy and fund management.



Research and Data Analytics



Training and Capacity Development



Program Design



Policy and Strategy








Fund Management

- Our portfolios of clients include public and private sector entities, non-profits and research institutions. For example:



Sample projects

Client	Assignment title	Project Descriptions
<p>01</p> <p>World Bank (Energy Sector Management Assistance Program – ESMAP)</p>  	<p>Kenya National Multi-Tier Framework (MTF) Energy Access Survey</p>	<p>Implementing the World Bank Multi-Tier Framework (MTF) Household Energy Survey in Kenya to assess the state of energy access. A total of 6,025 households, including an oversampling of households in low income areas, and 1,110 institutions (schools, health centres and public offices) were interviewed across the 47 counties. Led by ESMAP-World Bank and SE4ALL, the survey provided a baseline for measuring progress towards the universal energy access goal under SDG #7.</p>
<p>02</p> <p>Africa Clean Energy Technical Assistance Facility (ACE-TAF) Programme</p>  	<p>Solar Home Systems Enterprises Survey in 14 countries across Africa</p>	<p>Implementing a baseline study on the state of stand-alone solar PV markets across 14 Sub-Saharan Africa (SSA) to measure the impact of business environment reforms after ACE – TAF interventions. The 14 countries include Ethiopia, Ghana, Kenya, Malawi, Mozambique, Nigeria, Rwanda, Senegal, Sierra Leone, Somalia, Tanzania, Uganda, Zambia and Zimbabwe</p>
<p>03</p> <p>KawiSafi Venture Fund</p> 	<p>Managing the US\$ 5 million Technical Assistance Facility (TAF)</p>	<p>Providing technical, administrative and management services to a five-year Technical Assistance Facility (TAF) seeded with funds from the Green Climate Fund (GCF). Part of the services offered include monitoring and evaluation support, reporting, fund raising, awareness creation and stakeholder engagement. The TAF supports businesses by promoting access to clean energy in Kenya and Rwanda.</p>

04

Rockefeller Foundation



Design of an Africa-wide
Mini-grids Support Facility

Supporting the Rockefeller Foundation and other partners including the World Bank, African Development Bank, UK DfID, Shell Foundation, Swedish Aid Agency (SIDA), Africa Mini-grids Developers Association (AMDA) to explore the viability of setting up an Africa-wide mini-grids support facility. The outcome of this was the conceptualization of the universal mini-grid fund for Africa to be capitalized by various organisations including the African Development Bank, Shell Foundation and the Rockefeller Foundation.

05

Kenya Commercial Bank
(KCB)



The KCB Group climate
strategy towards carbon
neutrality

Providing advisory services to KCB group, the largest bank in East and Central Africa, toward carbon neutrality by designing a bottoms-up climate strategy which incorporates climate change risks and increased reduction of greenhouse gas emissions in the bank's planning and operational activities. Part of this assignment was group-wide carbon foot-printing covering subsidiaries in Kenya, Uganda, Tanzania, Rwanda, Ethiopia and South Sudan to establish a baseline.

06

UNICEF Somalia



Evaluation of the performance
of Solar Powered Water Supply
Systems in Somalia

Evaluating the efficiency, effectiveness and relevance of the solar powered water supply systems in South-Central, North-West and North-East Zones of Somalia and assessing the progress towards achieving sustainable community water supply through these systems. The qualitative assessment included 450 interviews conducted among end users, water operators and other relevant stakeholders. Technical assessments included a review of the design and appropriateness of the power and pumping systems considering the water demand, distribution systems and total dynamic head.

07

CDC Group Plc



Decarbonising Africa's power sector

Prevailing discussions on decarbonising the global power sector originate from and are held within the context of wealthier economies. The purpose of this review is to provide an evidence base for an informed discussion on this issue framed within the African context, to evaluate this global aspiration against local realities. Part of this included case studies and modelling high renewable energy dependent future scenarios.

08

Global Solar and Water Initiative (GSWI)



Evaluation of Sustainability of Solar Powered Water Supply Systems in Kenya

Evaluating the effectiveness, affordability, relevance and efficiency of solar water supply systems in reducing the medium and long-term recurrent costs of WASH projects in refugee and IDP camps and their local host communities. Various powering technologies such as standalone solar systems, solar-electricity systems, diesel powered, and electric systems were evaluated in 40 sites; and a total of 523 surveys conducted. The Global Solar and Water Initiative aims to improve the cost effectiveness and sustainability of water schemes in refugee camps through incorporation of renewable energy

09

Factor (E) Ventures



Market scoping for small solar-based water pumping markets in East Africa

Supporting Factor (E) Ventures to estimate the current and potential market size of small solar-based water pumps and their distribution channels in Kenya, Uganda and Tanzania through a rapid scoping study. GIS based analysis complemented by primary data collection within Kenya covered current water pump users within a 100-kilometer radius of Nairobi which included Kajiado, Machakos, Matuu, Sagana, Kijabe, Naivasha and Narok areas.

10

Kenya Water and Sanitation Civil Society Network (KEWASNET)



Developing a service charter and conducting a customer satisfaction survey for Homa Bay Water and Sewerage Company (HOMAWASCO) and Nanyuki Water and Sewerage Company (NAWASCO)

Supporting the County based Water Service Providers of Homabay (HOMAWASCO) and Nanyuki (NAWASCO) to improve water delivery services through developing Customer Service Charters and conducting a customer satisfaction survey. A total of 225 surveys were carried out in the five supply schemes of Oyugis, Homa Bay town, West Karachuonyo, Mbita and Kendy Bay for Homawasco and a total of 400 surveys were conducted for NAWASCO through CAPI on the ODK platform. The initiative was part of the Water Sector Governance Program Plan sponsored by KEWASNET and SIDA.

11

United Nations Development Program (UNDP)



Comprehensive Training Forum for Global Environment Facility (GEF)

UNDP sought to facilitate the comprehensive training of senior government officials in the Ministry of Environment, Water and Natural Resources on accessing grant and concessional funding opportunities under the Global Environmental Facility (GEF) to meet the incremental costs associated with realising agreed global environmental goals.

12

Energy research Centre of the Netherlands (ECN)



Technical Support to design a €14 million Geothermal Nationally Appropriate Mitigation Action (NAMA) Program for Kenya

ECN sought technical support in the design of a NAMA for accelerated geothermal electricity development in Kenya. The aim of the NAMA support project was to enable GDC's (Geothermal Development Company) develop a strategy for geothermal power expansion in line with its mandate. This assignment included an assessment of the current state of affairs, outlining the opportunities and demonstrating the global benefit of such support.

13

The World Bank Group



Zambia Clean Cooking Market Assessment

The world bank sought advisory services to conduct a market assessment for clean cooking in urban residential compounds of Lusaka and the Copper Belt in Zambia. In partnership with CEEZ, the assessment provided a better understanding of the support to the Government of the Republic of Zambia (GRZ) in achieving its “20:40:20:20” (Electricity, LPG, charcoal, and firewood) goal of clean cooking for all urban households by 2030.

14

AHK Services East Africa Ltd



Developing a Roadmap to E-Mobility in Kenya

Supporting AHK Services East Africa Ltd to develop a Roadmap to E-mobility in Kenya by collecting data/information on the current state of the E-mobility market and activities plus Information on planned activities and future plans. In addition, highlighting the regulatory framework as it was as well as its gaps.

15

Access to Finance Rwanda (AFR)



Development of the Rwanda case study on Rwanda’s finance flows in relation to Paris Agreement

Supporting AFR in partnership with ODI develop a case study on alignment of Rwanda public and private financial flows with low greenhouse gas emissions and climate-resilient development. The assignment identifies the financial policy and regulation, fiscal policy, public finance and information instruments, that were already present in country. In addition, it summarized private sector efforts in country, before highlighting the anticipated challenges and opportunities

16

The World Bank Group



Expansion of MTF
Survey--Burundi

Expanding of the World Bank MTF survey in Burundi to better understand electricity demand in remote areas. A total of 150 pre-selected communities were visited, collecting basic information for each and carrying out a detailed demand assessment in 5 to 10 typical and representative communities.

17

UNICEF



Consultancy Service to
Undertake Hygiene Market
Analysis in Kenya

Providing consultancy service for comprehensive hygiene market analysis in Kenya. The assignment provides a detailed analysis of the hygiene market to quantify demand and product preferences, to map and segment available products and services, identify gaps, and needs, and identify existing and potential suppliers and assess competitive dynamics.

18

AECF



Development of a proposal for a
clean cooking initiative in
Tanzania

AECF sought consultancy services to develop a proposal for the clean cooking initiative in Tanzania. The assignment objective was to assist the AECF to develop a 3-year US\$ 5 million evidence-based proposal for a Clean Cooking Initiative in Tanzania. A compelling, evidence-based proposal per guidance from the AECF was developed.

19

The Financial Sector Deepening Mozambique (FSD Moc)



Green Finance: Market Readiness and Stakeholder research in Mozambique

FSD Mozambique sought consultancy services to conduct an analysis of the green finance landscape in Mozambique, identify and prioritize Mozambique's opportunities for green finance programming and develop a roadmap and theory of change (ToC) to guide FSD Mozambique's green finance programming. The outputs were expected to build on existing scientific evidence, consider existing policy and regulation, review evidence from successful countries and be based on technical analysis.

20

Ministry of Energy, Netherlands Development Organization (SNV), Netherlands Enterprise Agency (RVO), Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), Practical Action, Clean Cooking Association of Kenya (CCAK) and the Clean Cooking Alliance (The Alliance)

Kenya Cooking Sector Study: Assessment of the Supply and Demand of Cooking Solutions at the Household Level

Supporting the Clean Cookstoves Association of Kenya (CCAK) and other partners including the Netherlands Enterprise Agency (RVO), GIZ, the Netherlands Development Organization (SNV), the Global Alliance for Clean Cookstoves (GACC) and the Ministry of Energy and Petroleum (MoEP) to determine the status of clean and efficient cooking (stoves and fuels) adoption and market trends. The outcome was geared towards attaining progressive, equitable and sustainable growth of the sector by attracting private and public investments.

21

Climate Ledger Initiative



OpenHAP Pre-study

Supporting Climate Ledger Initiative in piloting the use of low-cost technologies for monitoring indoor air pollution. EED Advisory sought to address the limitations of current household air pollution (HAP) monitoring solutions by demonstrating the use of a low-cost, locally developed, IoT-enabled HAP monitoring device known as OpenHAP. The aim of the pre-study was to proof the OpenHAP indoor air quality data logger by calibrating the device in various pollution profiles through co-location with a precision air quality monitor.



Assessment of Quality Verified and Non-Quality Verified Solar Products and Off-grid Appliances in Kenya


Vera Sol the new quality assurance program serving the entire off-grid sector and managed by CLASP in collaboration with Schatz Energy Research Centre at Humboldt State University sought consultancy services to carry out a consumer study in Kenya to i) assess the state of the quality verified and non-quality verified solar in product market – prevalence of QV and non-QV products in Kenya and ii) characterize the market for off-grid appliances, iii) establish whether the QV products deliver the expected services and iv) document customer experiences with these products related to price, durability, warranty and after-sales services. The study aimed to meet a knowledge gap concerning the consumer experience and establish a baseline for targeted government and stakeholder interventions.



Contacts

Address: [90 James Gichuru Rd, Ikigai Lavington – Nairobi.](#)
Telephone: +254 202574927/ +254 202376122

www.eedadvisory.com | **Email:** contact@eedadvisory.com

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