

SUB SAHARAN-JAPAN CONSULTING

SubSaharan-Japan Consulting is an Engineering consulting firm focused on the supply of Quality Consulting Services and Engineering Solutions related to electric power and energy. Our expertise lies mainly in renewable energy including solar, wind and biomass; energy management systems including energy audits and carbon footprint assessment; and the design of electricity transmission and distribution systems.

Our team comprises highly experienced professionals specializing in techno-economic and management services in the energy sector, with particular emphasis on the power sub-sector. We have leading domain experts with many years of experience in their fields within electrical engineering and holding specialized academic degrees. A strength of our team is the ability to combine strategic, financial and technical advice as an integrated consultancy service to individual and corporate clients both in the public and private sectors.



ABOUT US

Our Vision

To be the leading Energy Engineering consultants in East Africa. We will achieve our vision by being strongly focused on the client needs, developing quality solutions and demonstrating personal accountability, passion, and innovation.

Our Mission

We strive to provide top quality, cost-effective Engineering solutions to our clients based on exceptional design, innovative solutions, and top notch professionalism.

Our Core Values

All our endeavors are guided by the following principles:

- Integrity and the highest ethical standards in our work.
- Commitment to the highest standards in the quality of our output.
- Passionately focused on the specific needs of our clients.
- Creativity and innovation in our solutions.
- Striving for sustainability in our designs and engineering solutions.

OUR SERVICES

Renewable Energy Consulting

SubSaharan-Japan Consulting provides wide-ranging consultancy services related to the installation of renewable energy sources such as solar, wind, small-hydro, and biomass across East Africa. Drawing upon a wealth of knowledge and experience, we assist corporate and individual clients with the introduction of such energies in their properties for both local energy production and emergency power supply.

Our range of services relating to renewable energy sources include:

- Renewable Energy Strategy Development.
- Feasibility Assessment including cost evaluation; site evaluation; and business plan evaluation.
- Technical Due Diligence.
- Support and Advisory Services during Implementation.
- Progress Checks During Construction.
- Performance Verification after Completion and During Operation including Troubleshooting.
- Environmental Impact Assessment of the adopted renewable energy solutions.
- Research and Development

Energy Management Consulting

SubSaharan-Japan Consulting provides energy management consulting services and supports clients through the processes of identifying and implementing high-value solutions. We specialize in Biomass based alternative energy solutions. We also perform energy audits to evaluate your organization's current consumption, develop strategic plans for efficiency improvement and provide continuous support during implementation.

Our range of services in energy management consulting include:

- Biomass Energy Solutions (BES) using biomass waste for heating and power generation.
- Energy Audits which involves monitoring and analysis of current energy use and the development of action plans for efficiency improvement.
- Energy Optimization Plan Development and Implementation Tracking.
- Development of Alternative Energy Solutions including cogeneration options and renewable energy solutions.
- Carbon Footprint Assessment, Reporting and Implementation of Footprint Reduction Projects.

Transmission and Distribution System Design

SubSaharan-Japan Consulting provides specialist consulting services in the design and construction of new transmission and distribution networks that will stand the test of time, as well as in the reinforcement of existing infrastructure required to cover previously unforeseen requirements. System reliability is at the core of our designs especially considering that we live in a time of extremely volatile and unpredictable weather patterns.

Our services span the following areas:

- High Voltage (HV) and Extra High Voltage (EHV) substation design.
- Design of Overhead Transmission Lines and Towers including site and route optioneering.
- Design of Power Distribution Systems covering both overhead and underground lines.
- Design of Sustainable Energy Systems for highly populated urban areas.
- Design of Distributed Generation systems using renewable energy sources.
- Environmental Feasibility Studies and Assessments.

CORE TEAM



Dr. Bonface Ngoko

Lead Expert, Renewable Energy Systems

Dr. Ngoko holds a PhD degree in Electrical Engineering from Osaka University, Japan with specialization in large-scale integration of renewable energy sources into power grids. He has also worked as a postgraduate researcher at Osaka University in addition to a previous appointment as a lecturer at J.K.U.A.T., Kenya.

Dr. Ngoko has extensive experience in research and development of renewable energy systems solutions. He has expertise in feasibility assessment of renewable energy projects (both islanded and grid-connected systems), optimal system design including mathematical modeling and risk-benefit analysis, performance evaluation of installed renewable energy systems, and general environmental impact assessment of renewable energy systems.



Dr. Francis Xavier

Lead Expert, Technology Management

Dr. Otieno holds a PhD degree in Technology Management from Ritsumeikan University, Japan. In addition to his consultancy work with SubSaharan-Japan consulting, Dr. Otieno is also an Associate Professor at Ritsumeikan University where his research interests encompass technology management in renewable energy projects specifically in East Africa. Dr. Otieno is a member of the Association of Energy Professionals Eastern Africa.

Dr. Otieno has expertise in the field of technology management with specific focus on new technologies for renewable energy integration. He has over 10 years' experience in projects dealing with technology strategy development, devising performance measures, and planning transitions to new processes.



Mr. Patrick Lutta

Lead Expert, Energy Audits

Mr. Lutta holds a BSc. degree in Mechanical Engineering from JKUAT, Kenya. He has over 10 years' experience working in management of various companies in Kenya. He was the Generation and Clean Development Mechanism (CDM) engineer at the cogeneration power plant at Mumias sugar for 6 years before moving to Vivo Energy Kenya PLC where he has been in charge of Aviation Operations and Depot Maintenance at Jomo Kenyatta International Airport and Moi Airbase depots.

Mr. Lutta is a certified energy manager and holds Energy Management / Audit certification and operating licenses from Association of Energy Engineers (AEE) of USA. He has expertise in energy audits and certifications for commercial properties and industrial plants.

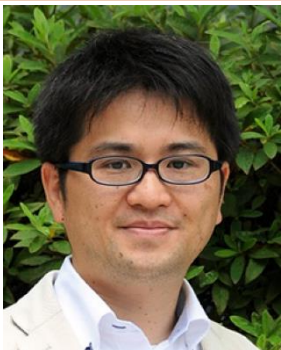


Ms. Adline Bikeri

Lead Expert, Power System Design

Ms. Bikeri holds BSc. And MSc. degrees in Electrical and Electronic Engineering from Jomo Kenyatta University of Agriculture and Technology, Kenya. Previously, she worked at Kenya Power & Lighting Company (KPLC) for 6 years during which she held leading positions in several projects including being the Energy Balance Engineer in charge of coordinating development and commissioning of an Energy and Power Losses Control System. Prior to joining KPLC as an Engineer, Adline worked as a distribution system design consultant for the company.

Ms. Bikeri has extensive experience in electric power systems design. Her expertise includes, but not limited to substation design, transmission and distribution systems design, and distribution network metering.



Mr. Maeda Kotaro

Technical Support

CONTACT INFORMATION

Contact us today.

Email:
info.ssjconsulting@gmail.com

JAPAN

Phone: +81 70 4088 2005;
+81 80 5712 5080

Physical Address:

5-18 Takamidai,
Takatsuki, Osaka
569-1020, JAPAN

KENYA

Phone: +254 722 119 498;

Mailing Address:

P.O. Box 19098 -
00501 Nairobi,
KENYA