

FRANCIS THEURI NDONGA

C: +254 (0) 715 742 211 | E-mail: ftndonga@gmail.com
<https://nl.linkedin.com/in/francisndonga>

WORK EXPERIENCE

March 2019 - current

CLASP East Africa, Kenya: Associate, Climate

CLASP is an international non-profit organisation established to mitigate the growing energy demand from use of appliances, lighting and equipment across the world. My roles and responsibilities are:

- Leading government engagement on adoption of quality standards in the East African region.
- Regional lead on engagement on the African Clean Energy (ACE-TAF) programme in Kenya, Somalia and Ethiopia.
- Regional lead on market surveillance activities.
- Supporting the Appliance Energy Efficiency Program in Kenya.
- Expanding the reach of quality standards across Africa to new markets for CLASP.
- Lead on developing concept notes for five countries under UNIDOs Energy Efficient Lighting and Appliances (EELA) project in EAC and SADC.

Achievements/ Learnings:

- Supported the adoption of quality standards for renewable energy products with power ratings less than or equal to 350 W by the Ethiopian and Kenyan standards bodies. Current support is in the implementation protocols for these standards.
- Support in writing the report on Environmentally Harmful Dumping of Inefficient and Obsolete Air Conditioners in Africa.
- Opened up conversations for quality standards support in Liberia and Burkina Faso.
- Hosted several webinars on off-grid solar products for government officials and other stakeholders. These covered adoption of quality standards, various compliance regimes and determining which quality standards are best for a country.
- Travelled to present the case for quality standards to the standards bodies in Zambia, Nigeria, Ethiopia and Tanzania. Led to the uptake of quality standards in these countries with guidance from our quality assurance team.

April 2018 - Feb 2019

African Solar Designs, Kenya: Associate Consultant

Africa Solar Designs (ASD) is a leading off-grid energy consulting firm specialising in providing reliable, modern and smart renewable energy solutions. I was an associate consultant with roles that covered:

- The World Bank Regional Off-Grid Solar Market Assessment and Private Sector Support Facility Design (ROGEP).
- Provision of technical assistance to the developing off grid solar market legislation in Somalia.

Achievements:

- In collaboration with local consultants, sized the solar markets in 19 West African countries. This report has been adopted by ECOWAS and the World Bank and is awaiting implementation.

April - July 2017

EED Advisory Limited, Kenya: Project Manager

EED Advisory is a multidisciplinary consulting firm offering technical, analytical and advisory services in climate change. It also offers a simplified monitoring and automation system for enterprises requiring remote monitoring of their portfolios. My role was to set up a framework for the development of a Low Power Wide Area Network (LPWAN) for data transmission across Nairobi. This entailed engaging with legislative authorities for authorisation; developing a business model for the project including stakeholder engagement elements and ensuring a sound financial outlook.

Achievements/Learnings:

- I learnt a lot about project management, change and stakeholder management.

PREVIOUS WORK EXPERIENCE

Delft University of Technology, The Netherlands:

September 2015 - September 2016: Front Office Advisor - Central International Office

September 2014 - September 2015: Program Organiser - Central International Office

Progressive work at the international office that entailed bi-annual integration of international students to the Dutch life through a structured induction program. My international experience helped reform aspects of the induction program.

Achievements/learnings:

- Planning, Induction, on-boarding, collaboration, feedback mechanisms, application of feedback.
- Updated the application processing system leading to a more streamlined and faster application process.

September 2005 - April 2007

Kenya Airways, Kenya: Engineering Traineeship

Engineering traineeship as practical training within the Aeronautical Engineering studies. My duties, under the supervision of senior maintenance engineers, covered preparing maintenance schedules and running inspections for the airline fleet.

Achievements/learnings:

- Teamwork, task and project management.

SKILLS

Leadership
Stakeholder Management
Project Management
Budget Management
Analytical Thinking
Technical Writing & Reporting
Change management

SOFTWARE

MATLAB
Primavera Risk Analysis
CATIA
MS Projects
LATEX
Microsoft Office Suite

LANGUAGES

English (Native)
Swahili (Native)
Dutch (Basic)

REFERENCES

Naomi Wagura

Sustainable Energy for All
Energy Specialist
Nairobi, Kenya.
E: nwagura@gmail.com

Reuben Murage

Group Management Information
Controller
Vivo Energy (Shell Licensee in
Africa)
E: rmurage@gmail.com

Vera Bukachi

Senior Research Coordinator
Kounkuey Design Initiative, Inc
E: vera@kounkuey.org

PERSONAL INTERESTS

Rugby
Coaching
Running
Travelling
Reading
Creative writing

EDUCATION

Sept. 2008 - July 2015

Delft University of Technology, the Netherlands:

BSc Aerospace Engineering - 7.1/10

Faculty of Aerospace Engineering
Minor: **Applied Sustainable Science Engineering Technology**

Sept. 2004 - Dec. 2007

Trans-Eastern Airlines Aviation College, Kenya:

BEng Aeronautical Engineering

Jan. 1999 - Dec. 2002

Strathmore School, Kenya

High School Diploma - B+

CERTIFICATONS

Mar. 2020- June 2020

Project Management for Development Professionals - Pro I

Humentum

- Projects in the Development Sector
- Phases in the Life of a Development Project
- Project Management Disciplines

Mar. 2020 - June 2020

edX Project Management

AdelaideX Project Management Certification

- Project planning
- Determining project risk
- Project teams and communication

Sept. 2014 - Dec. 2014

edX Certificate for Solar Energy

DelftX Solar Energy Technician Certification

- Solar Cell operation, performance and design rules
- Third Generation PV and other utilisation of solar energy
- PV Systems - Components and concepts

VOLUNTEER ACTIVITIES

I have been involved in the game of rugby since I was six. I now continue participating, as a coach, in the sport that brings out the valuable traits in players of teamwork, hard work, discipline and character building as characteristics that are mirrored in daily life. This drives me to pass it on to the next generation of players.

- Espartanos Africa: A non-profit organisation that seeks to lower the rate of criminal recidivism and cyclical crime in Africa through rugby, spirituality, education, work ethic and reintegration.

- The Barefoot Project: A non-profit organisation that provides opportunities to the less fortunate through sport.

- Nondescripts Rugby Football Club: Part of a team of coaches whose role is to provide mentorship to players at the club.

- SRC Thor, Delft, the Netherlands: Player and later on coach.