

Byanyima Nelson

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PROFESSIONAL SUMMARY

I am an Environmentalist, Climate Activist, Clean Energy Advocate, and Digital Content Creator who's passionate about Environmental Protection and Clean Energy. My reliability, communication skills, responsibility, and friendly nature are assets that I bring to the work. I have experience in renewable energy projects most especially biomass cookstove technologies and strong organizational and administrative skills with the ability to work independently and use my initiative. I can prioritize whilst under pressure to meet tight deadlines. I have demonstrable experience in research, data collection, analysis, report writing, and digital content creation.

I have a traceable record of working in a multi-cultural setting and I have worked and lived in the remotest areas, which is proof that I can adapt to every working condition.

EDUCATION BACKGROUND

Year	Degree	Awarding institution
To date	Master of Science in Environment and Natural Resources	Makerere University, Uganda
2012	Bachelors' Degree in Environmental Science	Makerere University, Uganda

Dissertation Title: *Thermal-Chemical Characterization of Bamboo for Potential Energy Supply at Small Scale Enterprise and Household Levels in Uganda (Awaiting defense)*

Year	Institution	Award
2021	Climate Reality Leadership Corps Virtual Training (Climate Reality Project), USA	Certificate
2015	Aprovecho Research Centre, Oregon, USA	Certificate
2015	Northwest University, Kirkland, Washington, USA (ETHOS 2015)	Participation
2014	Energy Institute, Colorado State University (CSU), Fort Collins, USA	Participation
2014	Palin Corporation, Kampala, Uganda	Certificate
2013	Zamorano University, Tegucigalpa, Honduras (Global Alliance for Clean Cookstoves (GACC))	Participation
2013	UNBS; Understanding and implementation of ISO/IEC 17025:2005	Participation

WORK EXPERIENCE

2021 - To date: African Climate Reality Leader

Institution: Climate Reality Project

- Planned and organized International Earth Day in Isingiro District together with other partners like Green Lens, OXFAM-Uganda, Caritas-Uganda, and Community Integrated Development Initiatives (CIDI).
- Delivered an educational talk to local market vendors in Isingiro on issues of climate change and actions they can take to fight against climate change
- Held a talk show on Radio west to educate the masses about climate change and mitigation measures
- Created visual content (Documentary) and publication materials about the whole week-long celebrations for earth day hosted in Isingiro
- Participated in school action aimed at teaching school children and planting trees at Kabazana Primary school in Isingiro district in Nakivale refugee settlement about climate change and actions they can take to combat it.

For more information refer to <https://www.youtube.com/watch?v=0sTcSlqFTQw&t=356s>

2017 - To date: Founder and Team leader

Institution: Green Lens International

- Created graphics and other visual content to help raise public awareness about Environmental Conservation, Climate Action & adaptation, and the promotion of Clean Energy for the **#raiseyourvoicecampaign** project.
- Trained local communities on how to ensure maximum and corrective use of energy-efficient and low-emitting cookstove technologies.
- Designed, planned, and implemented behavioral change awareness campaigns on climate change and the use of clean cookstoves targeting local communities around the Mabira Forest reserve in the Buikwe District.
- Trained cookstove and briquette producers on effective marketing strategies and incorporating user feedback into their production process.
- Skilled local communities in cookstoves designing, prototyping, and briquette production.
- Generated and analyzed cookstove data for various stakeholder groups including international funders and local clean cookstove manufacturers and promoters in Uganda and the rest of the East African region.
- Coordinated the implementation of activities at Green Lens International
- Designed and disseminated Information and Education Materials (IECs) to target groups.
- Improved visibility of activities done at Green Lens International
- Photographed solar projects and cookstove projects in Uganda to communicate radical solutions to mitigating climate change

For more information, contact: <https://cleancookstove.wordpress.com/> <https://www.thegreenlens.org/aboutus>

August 01 - 19, 2016: Design Facilitator

International Development Design Summit.

- Designed low emission cookstove prototypes and helped over 100 participants to improve their cookstove designs.
- Trained over 50 people from mainly the East African region on fuel testing, briquette making, cookstove performance testing, and testing fuel properties.

- Helped build capacity for participants to develop scalable technologies that are high performing, affordable, and designed to meet user needs.
- Effectively planned, budgeted, and managed the smooth running of the summit.
- Documented activities of the summit and wrote reports to the sponsors and organizers.

For more information refer to the website: <http://cleancookstoves.org/events/170.html>

2013 - 2017: Bio-Energy Technician

Institution: Centre for Research in Energy and Energy Conservation (CREEC)

- Coordinated over 150 cookstove testing projects from different clients, both in the labs and in the field, locally and internationally. These include; GIZ, SNV, Clean Cooking Alliance, ILF, UCB, and MIT among others.
- Documented and wrote over 300 reports for different stakeholders and clients.
- Slashed payroll/benefits administration costs by 30% by negotiating pricing and fees while ensuring the continuation and enhancements of services.
- Business development and maintenance of the Regional Testing and Knowledge Centre
- Participated and presented at key cookstove summits, conferences, workshops, and events including ETHOS 2015, IDDS, AGMS, and Barazas.

Link here for more: <https://www.youtube.com/watch?v=C4D16gJK3eI>

- Mapped and managed stakeholder and partner engagement in the implementation of various projects in the clean cooking sector.
- Set up the cookstove laboratory and participated in the procurement and installation of the appropriate equipment for testing and analyzing gaseous emissions from biomass cookstoves and fuels.
- Designed schedules and activity work plans for the regional testing and knowledge center.
- Collected, analyzed, archived, and disseminated data for the cookstove sector and made it accessible for stakeholders and partners.
- Managed and implemented the regional testing and knowledge center (RTKC) budgets.
- Developed and documented policies, procedures, manuals, forms/checklists, and work instructions related to an organization's testing and/or calibration processes and activities.

OTHER WORK

2017 to date: Nelly Salvatore Photography

Founder and Photographer

- Operated digital cameras to capture images/videos of subjects or document projects and events.
- Enhanced and edited digital images and videos using design software such as Premiere Pro, illustrator, and photoshop.
- Secure photo copyrights by licensing the use of photographs through stock photo agencies.

2015 - 2016: Not for Sale, Uganda

Volunteering Ambassador

- Creating public awareness and engaging in activities that seek to fight and end modern-day slavery

CORE COMPETENCIES

- Stove testing and research;
- Training and presentations
- Report writing
- Analytical skills
- Verbal and nonverbal communication skills

Languages	Spoken	Write	Read
English	Fluent	Excellent	Excellent
Runyakitara	Native	Excellent	Excellent

- Innovative and creative
- Computer Skills:
 - *Competent using; Microsoft Word, Excel, Outlook, SPSS, PowerPoint, Adobe Photoshop, Premium Pro, After Effects, etc.*
- **Digital content creator,**
 - *Ability to create digital content including documentaries, photos, videos, graphic designing, podcasts, etc.*
 - *Using specific programs to process them as required by clients.*
- **Website designing & Management:**
 - *Designing and managing websites (Wix and WordPress) including social media management, blogging, online conferencing and webinars, etc.*

REFEREES

Name	Position	Email	Phone
Mr. Derrick Kiwana	Bio-Energy Technician (CREEC)	derrickiwana@gmail.com	+256781491316
Mr. Ddembe Simon	Country Mentor, African Climate Reality Project	climaterealityleadersug@gmail.com	+256701075438
Jim Jetter	Environmental Engineer-EPA	jetter.jim@epa.gov	+1(919) 541-4830